REGION 5 RAC2

REMEDIAL ACTION CONTRACT FOR

Remedial, Enforcement Oversight, and
Non-Time Critical Removal Activities at Sites of Release
or Threatened Release of Hazardous Substances in Region 5

OFFSITE SCREENING-LEVEL
VAPOR INTRUSION DATA ASSESSMENT FOR THE
CONTINENTAL STEEL SUPERFUND SITE

Operable Unit 4—Markland Avenue Quarry
Kokomo, IN

WA No. 001-RARA-05BW/Contract No. EP-S5-06-01

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PREPARED FOR

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Offsite Screening-level Vapor Intrusion Data Assessment for the Continental Steel Superfund Site, Operable Unit 4—Markland Avenue Quarry

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Introduction and Purpose

The purpose of this technical memorandum is to present the results of the vapor intrusion (VI) investigation conducted in the offsite area of concern near the Markland Avenue Quarry, Operable Unit 4, of the Continental Steel Superfund Site in Kokomo, Indiana. Between February 17, 2010, and February 24, 2010, indoor air, crawlspace, or sub-slab samples were collected from 15[1] residences within the offsite area of concern for the purposes of investigating the potential for a complete VI exposure pathway. VI refers to the migration of chemicals in gaseous (vapor) state from underground sources into the indoor air of an overlying building. Chemicals may be released underground into soil and groundwater in a variety of ways, such as spills, past disposal practices, or leaking underground storage tanks. Chemicals that are sufficiently volatile may then evaporate from groundwater and soil into soil gas and travel through the soil. If the soil is covered by a building, the vapor can enter the building through cracks, sumps, or other leaks in the foundation. The main chemicals of concern (COCs) for VI are volatile organic compounds (VOCs) because they evaporate easily. If concentrations of the vapors in the indoor air become high enough, this can present a potential human health risk to residents within the building.

A screening-level assessment using the February 2010 sampling results was conducted. A screening-level assessment is used to obtain a general understanding of the possible risks posed by VI. The first step is to evaluate whether exposure to the vapors poses an immediate risk to building occupants. The next step is to compare existing site data with conservative generic risk-based screening values. In some cases, the data may demonstrate the site does not pose a VI risk and requires no further action. In other cases, it may be determined that more definitive information is required to determine the level of risk, and the process proceeds to a site-specific assessment.

[1] Fourteen residential buildings were included in the study; however, one was a duplex where both living quarters were sampled separately, bringing the total number of residences to 15.

Preliminary Conceptual Site Model

Based on the frequency of detection, the magnitude of the detected concentrations, and toxicity, trichloroethylene (TCE) is the primary COC associated with the Markland Avenue Quarry (CH2M HILL, 2001). A number of other COCs were also identified. As shown in Table 2-1, the primary COCs (i.e., detected in more than 1 sample) in quarry sediment are cis-1,2-dichloroethene (cis-1,2-DCE) and TCE. Cis-1,2-DCE, trans-1,2-dichloroethene (trans-1,2-DCE), TCE, and vinyl chloride were the primary COCs in groundwater samples collected at the quarry.

Preparation for remediation activities was started in March 2008 and completed in June 2010[2]. During remediation activities, the contaminated water was pumped from the quarry and treated offsite, the drums and other potential release sources, along with the contaminated sediment (i.e., source material) were removed, and clean fill was brought in to bring the elevation inside the former quarry to near ground surface. The remediation was completed by the construction of a clay-covered cap. Before the removal of the source, a groundwater contamination plume containing TCE and other chlorinated solvents migrated from the Markland Avenue Quarry through cracks and fissures in the limestone that exists throughout the area.

Although the quarry has undergone remedial action that has eliminated the source of the groundwater contamination, residual contamination in the groundwater has migrated beneath the offsite area of concern. The current boundary of the area of concern is defined as the residential area that is north, west, and downgradient, in terms of groundwater flow direction, from the Markland Avenue Quarry. The area includes homes north of West Harrison Street to West Park Avenue and west of South Brandon Street to South Lindsay Street. West Harrison Street and South Brandon Street border both the quarry and the nearest residents. The closest residence to the quarry is approximately 220 feet to the north (directly across West Harrison Street) and 90 feet to the west (across South Brandon Street). The farthest residence directly downgradient of the quarry is approximately 900 feet (less than 0.2 mile) to the northwest along West Park Avenue. The areas north of West Park Avenue and west of South Lindsay Street have nonresidential land use. Properties to the east and south of the area of concern boundary are upgradient of groundwater flow, which is toward the northwest; therefore, contamination from the quarry would have migrated away from these areas, thus the homes south and east of the Markland Avenue Quarry are not included in the area of concern.

Since 2001, several sampling investigations have been conducted in the offsite area of concern to assess the residual contamination. Groundwater samples collected in 2001 and 2009 have shown the potential for contaminated groundwater to exist under the residential areas surrounding the site. Groundwater flow in the vicinity of the quarry is to the northwest; therefore, residential homes in this area have the potential to be impacted by VI (Figure 2-1). In addition, detections of VOCs in soil gas and indoor air samples collected in 2003, 2005, and 2009 have shown that a potential for VI in the offsite area of concern exists. A summary of these investigations is provided in Site Investigation Summary section below.

[2] Excavation was completed in October 2008. Dewatering continued through backfilling, which was started in May 2009.

Information on the soil type in the offsite area of concern between the area immediately adjacent to the quarry and Park Avenue varies considerably. Based on the limited soil borings made during well installation, the soil is topsoil with clay and sandy mix to approximately 2 feet, clay with limestone and dolomite fragments from 2 to 5 feet, and massive limestone at 6 to 8 feet. The depth to groundwater in the upper aquifer is at approximately 5 to 6.5 feet below ground.

Site Background Information

A brief history of the site and a summary of past site characterization activities are presented in this section.

Site History

The Continental Steel plant was built in 1914. The plant produced nails, wire, and wire fence from scrap metal. Operations included reheating, casting, rolling, drawing, pickling, annealing, hot-dip galvanizing, tinning, and oil tempering. The steel manufacturing operations at the plant included the use, handling, treatment, storage, and disposal of hazardous materials. Continental Steel Corporation operated from approximately 1914 to 1986. The company entered into bankruptcy and the site was abandoned in 1986. The area surrounding the facility is mixed residential, commercial, and industrial use and is zoned for general use, except for the Main Plant and Acid Lagoon Areas, which are zoned for industrial use. The Markland Avenue Quarry is a former limestone quarry purchased by Continental Steel Corporation in 1947 and used until the early 1980s for disposal of waste materials from processing operations. The 23-acre quarry area is bordered by Harrison Street, West Markland Avenue, Courtland Avenue, and Brandon Street. An open pond covers approximately 4 acres. Near-empty drums were taken to the quarry and remaining contents dumped onto the ground. A large portion of the quarry was backfilled with slag, refractory brick, pig iron, baghouse dust, and possibly drums. More than 400 drums, several tanks, and other waste materials were scattered across the property. Drums contained mostly oils, solvents, and refuse. Some were disposed of in the pond. Drums were removed from the pond in 1990 by USEPA. The quarry is fenced, and most of the ground surface is heavily vegetated.

Site Investigation Summary

Detections of VOCs in groundwater samples collected from offsite monitoring wells in 2001 and 2009 show the potential for contaminated groundwater to exist under the residential areas surrounding the site. Groundwater flow in the vicinity of the quarry is to the northwest of the area of concern; therefore, residential homes in this area have the potential to be impacted by VI pathways. During the 2009 groundwater sampling event, the following VOCs were consistently detected: trans-1,2-DCE; cis-1,2-DCE; TCE; and vinyl chloride. Tetrachloroethene (PCE) was detected in the offsite (downgradient) groundwater monitoring well UA-28, located along West Park Avenue. This list of analytes is consistent with the COCs identified for the Markland Quarry (operable unit 4; Table 2).

Chlorinated VOCs were detected in exterior soil gas samples collected during a June 2003 soil gas investigation in the residential area near the quarry as shown in Figure 3-1 (USEPA/Indiana Department of Environmental Management [IDEM], 1998; CH2M HILL, 2004). This Geoprobe® soil gas investigation was conducted by USEPA and CH2M HILL

with the assistance of IDEM. Chemicals detected included chlorinated solvents and components usually associated with gasoline (benzene, toluene, ethylbenzene, and xylenes [BTEX]) and diesel fuel (trimethylbenzenes). The chlorinated solvents included TCE; cis-1,2-DCE; methylene chloride; 1,1-dichloroethylene (1,1-DCE); 1,1,1-trichloroethane (1,1,1-TCA); PCE; and chloroform.

Quarry-related chemicals were detected in two soil gas probe borings above the groundwater within the area of concern. TCE was detected in two samples ranging from 6.1 to 150 micrograms per cubic meter ($\mu g/m^3$) (compared to the IDEM exterior soil-gas-to-indoor air screening level [SL; see Table 5 of Attachment 3] of 124 $\mu g/m^3$). Cis-1,2-DCE was detected in one sample at 20 $\mu g/m^3$ (compared to the IDEM SL of 1,560 $\mu g/m^3$). The BTEX compounds were detected in 20 of 23 borings, and trimethylbenzenes (1,2,4- and 1,3,5-) were detected in 11 of 23 borings.

In conjunction with the soil gas survey, an initial indoor air study was also competed in four homes within the area of concern: 801 Brandon Street, 809 Brandon Street, 827 Brandon Street, and 1016 Harrison Street. Site-related chemicals were not detected in any of the homes; however, other chlorinated solvents, BTEX, and trimethylbenzenes were detected.

The indoor air, soil gas, and ambient air sampling results for the 2003 sampling event are presented in Table 1 of Attachment 1.

In 2005, a Response Engineering Analytical Contract indoor air investigation was conducted in the area of concern. TCE was detected at three residences: 725 Leeds Street (2.1 $\mu g/m^3$), 740 Leeds Street (1.4 $\mu g/m^3$), and 729 Brandon Street (0.59 $\mu g/m^3$). The IDEM indoor air SL for TCE is 1.24 $\mu g/m^3$ (see Attachment 3 for additional information on the IDEM indoor air SL). These homes coincide with the study area investigated in 2003, 2009, and 2010.

A second indoor air sampling was conducted for USEPA by CH2M HILL with the assistance of IDEM in April 2009, which showed the presence of site-related chemicals in indoor air in homes:

- TCE was detected in 5 samples ranging from 0.334 to 3.461 $\mu g/m^3$ (compared to the IDEM SL of 1.24 $\mu g/m^3$).
- Vinyl chloride was detected in 1 sample at 0.217 $\mu g/m^3$ (compared to the IDEM SL of 2.16 $\mu g/m^3$).
- Cis-1,2-DCE was detected in 1 sample at 2.371 $\mu g/m^3$ (compared to the IDEM SL of 15.6 $\mu g/m^3$).

In addition to site-related chemicals, BTEX, trimethylbenzenes, and other chlorinated solvents were also detected. The indoor air, crawlspace, and ambient air sampling results for the 2009 sampling event are presented in Table 2 of Attachment 1.

The locations of homes and chemicals detected in indoor air in 2003 and 2009 are shown in Figure 3-2. House configurations are varied, including full basements, no basements (with crawlspaces), complete cement floors, partial cement floors, and dirt floors, sometimes occurring in various combinations. The housing configurations encountered in the area of concern in the previous preliminary CH2M HILL investigations are shown in Figure 3-3.

In 2009 a sitewide groundwater investigation was completed and indicated that site-related chemicals were detected in the intermediate and lower aquifer zones. Because the water elevations in the upper aquifer zone were impacted by groundwater remediation activities, the wells were dry and samples could not be collected. Groundwater samples were collected from four locations at the quarry and two offsite locations.

- TCE was detected in four samples at the quarry at concentrations ranging from 2 to 17 micrograms per liter (µg/L), with 3 out of 4 samples above the IDEM groundwater-to-indoor air SL of 3 µg/L (assuming a residential receptor, a 30-year exposure duration, sandy soil, and 5 feet or more to groundwater resulting in an attenuation factor of 0.001).
- TCE was detected in 2 downgradient offsite samples at concentrations ranging from 5.4 to 27 µg/L (compared to the IDEM groundwater-to-indoor air SL of 3 µg/L). TCE was detected in the closest residence (723 South Leeds Street) to UA-028 where indoor air samples were collected: 0.71 µg/m^3 (basement) and 3.22 µg/m^3 (first-floor living quarters). TCE was detected in the closest residence (747 South McCann Street) to IA-125 where indoor air samples were collected: 0.488 µg/m^3 (basement) and 0.334 µg/m^3 (first-floor living quarters). The IDEM indoor air SL is 1.2 µg/m^3.
- Vinyl chloride was detected in 4 samples at the quarry at concentrations ranging from 0.34 to 130 µg/L (compared to the IDEM groundwater-to-indoor air SL of 2 µg/L).
- Vinyl chloride was detected in one downgradient offsite sample (UA-028) at 11 µg/L (compared to the IDEM groundwater-to-indoor air SL of 2 µg/L). Vinyl chloride was detected in indoor air in only 1 of the 3 residences sampled (0.217 µg/m^3 compared to the minimum SL of 2.16 µg/m^3).
- cis-1,2-DCE was detected in 4 samples at the quarry at concentrations ranging from 8.4 to 380 µg/L (compared to the IDEM groundwater-to-indoor air SL of 92 µg/L.
- cis-1,2-DCE was detected in 2 downgradient offsite samples at concentrations ranging from 13 to 300 µg/L (compared to the IDEM groundwater-to-indoor air SL of 92 µg/L.

A comparison of available 2009 groundwater data to the data obtained in 2001 shows the potential for contamination to exist in the upper aquifer outside the influence of the remedial action. Concentrations in wells near the quarry from the 2001 sampling round are shown in Figure 3-4. Figure 3-5 shows the location of the quarry, the local monitoring wells, and concentrations of site chemicals in groundwater and indoor air in 2009. In order to meet the remediation objectives at this operable unit, the quarry had to be completely dewatered, the source material removed, and clean fill brought in. The dewatering process resulted in lowering the groundwater levels in the upper aquifer to the point where the wells immediately next to the quarry were dry during the 2009 groundwater sampling round, so the only data available are from the intermediate and lower aquifer zones. Therefore, it is not possible to monitor the groundwater in closest proximity to the homes. As shown in Table 3-1, in 2001, the highest TCE groundwater concentration was in the upper aquifer; however, the products of degradation (cis-1,2-DCE and vinyl chloride) were higher in the intermediate and lower zones.

Sampling and Analysis Summary

In February 2010, a VI investigation was conducted in and around residential dwellings in the offsite area of concern. The investigation involved the sampling and analysis of VOCs in indoor air, crawlspace, sub-slab, and five ambient (outdoor) air samples by USEPA method TO-15.

Information Inputs

Residents that chose to participate in the study were asked to complete an "Occupied Dwelling Questionnaire" (Indoor Air Assessment Survey) to identify the type and construction of their home and the potential anthropogenic indoor air emission sources in the dwelling. The questionnaire was taken from Appendix H of the USEPA's *Draft Subsurface Vapor Intrusion Guidance* (USEPA, 2002).

Boundaries of the Study

As previously stated, the boundary of the area of concern was defined as the residential area north and west of the Markland Avenue Quarry, as this is the area potentially in the path of the flow of groundwater, which is toward the northwest. The area includes homes as close as ~220 feet to the north and 90 feet to the west of the quarry. The farthest home is approximately 900 feet (less than 0.2 mile) to the northwest. It should be noted that the monitoring well across the street from the farthest residence sampled (UA-028) reported vinyl chloride at 11 µg/L, cis-1,2-DCE at 61 µg/L, TCE at 27 µg/L, and PCE at 89 µg/L.

Analytical Approach

Air samples were collected in SUMMA canisters and analyzed by USEPA Method TO-15 for volatiles in air. The USEPA Central Regional Laboratory in Chicago, Illinois, supplied the canisters, flow controllers, and particulate filters, and performed the analyses.

Sampling Setup and Execution

Canisters were setup onsite immediately before the start of sampling. Setup included removal of the protective endcaps from the canister and flow controller, installation of the flow controller and particulate filter onto the canister, reinstallation of the protective endcap, and opening and immediately closing the canister valve to obtain an initial vacuum reading. Flow controllers were provided by the Central Regional Laboratory preset to achieve a sample time of 24 hours.

After sampling was completed, a final vacuum reading was obtained, the valve closed, the flow controller and filter removed, and the canister sealed with a protective endcap.

Areas sampled included the main living area of the home, the crawlspace or basement, and below the basement floor where the resident provided permission. The living quarter location was centrally located within the home and placed at a level about 3 feet from the floor.

Basement samples were collected near areas where VOCs are most likely to enter the home, such as walls facing the contamination source, sump pump crocks, foundation cracks, and sections with dirt floors. Before choosing a final sampling location, a careful examination of the area was made to see if other sources of VOCs were present. The sources were sealed in large resealable plastic bags or removed from the property to prevent release of volatiles

into the sample environment. Crawlspaces were sampled by placing the sampler on the ground surface.

In houses with complete cement floors, owners were asked if we could collect a sub-slab soil gas sample. If allowed, a small-diameter hole (~5/8 inch) was drilled through the cement to the underlying soil, taking care not to puncture any vapor barriers that might exist (no evidence of these barriers was found). After the sampling was completed, the holes were sealed with a hydraulic cement patch.

To determine if sources outside the home could be contributing to indoor air concentrations, ambient (outdoor) air samples were collected (Figure 4-1).

The analytical results of the February 2010 VI investigation are presented in electronic form (Microsoft Excel) in Attachment 2.

Sampling Locations

This investigation involved the sampling and analysis for VOCs by USEPA method TO-15 of 23 indoor air samples (15 from living quarters and 8 from basement locations); 4 crawlspace samples; 2 sub-slab samples; 2 field duplicates; and 5 ambient (outdoor) air samples. The addresses, locations, and sample IDs are shown in Table 4-1 and Figure 4-1.

Building Survey

An indoor building survey was conducted at each residence prior to sample collection. The results of the building survey are provided in Table 4-2. The purpose of the survey was to provide house information and identify potential lifestyle contributors to anomalous indoor air impacts. The following are some points of interest from the survey:

- The average age of the homes that were sampled is ~90 years.
- The homes are evenly divided between those with basements (including partial basements) and crawlspaces.
- The average time of residence is ~8 years, ranging from 1 to 27 years.
- Two homes have small children.
- Three of the homes had indoor painting performed within the past year. All used latex paint. None had new carpeting installed or other remodeling completed.
- Three homes were sprayed for pests in the past year.
- None of the residents work with solvents or work at a dry-cleaning business.
- Only one resident has clothes dry cleaned “infrequently, once a month or less.” PCE was not detected in the living quarters in this home; however, it was detected in the crawlspace beneath the house.
- Six homes have residents that smoke.

Screening-level Evaluation of February 2010 Sampling Results

The results of the 2010 VI investigation are evaluated using multiple lines of evidence, including comparison to generic risk-based SLs provided by USEPA and IDEM.

Vapor Intrusion Investigation Data Summary

The 2010 VI investigation sampling results are provided in Attachment 2. Simple summary statistics for the sampling results are provided in Table 5-1. A number of VOCs were detected in samples collected during the 2010 VI investigation:

- TCE, the primary site-related COC, was detected in samples collected from five homes (including two basement, three living quarter, two crawlspace, and one sub-slab sample). TCE was not detected in the outdoor ambient air samples.
- Another site-related COC, cis-1,2-DCE, was detected in samples collected from two homes (including two living quarter, one crawlspace, and one basement sample) and was not detected in the outdoor ambient air samples.
- Vinyl chloride, a site-related COC, was detected in one home in a crawlspace sample at a low concentration. Vinyl chloride was not detected in the indoor air, crawlspace, or outdoor ambient air samples.
- Several VOCs that have not been identified as site-related COCs were also detected in the 2010 VI investigation samples:
  - TCE was detected in samples collected from 9 homes (including 8 living quarters, 2 crawlspace, 3 basement, and 2 sub-slab samples). PCE was not detected in the outdoor ambient air samples. PCE was not detected in soil and groundwater samples collected at the site, but it has been detected during previous offsite indoor air and soil gas investigations. However, PCE has been detected frequently in offsite groundwater.
  - 1,2-Dichloroethane (1,2-DCA) was detected in six homes in indoor air samples. 1,2-DCA was not detected in the indoor air, crawlspace, or outdoor ambient air samples.
  - 1,4-Dichlorobenzene (1,4-DCB) was detected in samples collected from five homes (including two crawlspace, three living quarter, one basement, and two sub-slab samples) and was not detected in the outdoor ambient samples.
  - Several other VOCs not considered to be site-related COCs—acrolein, carbon tetrachloride, chloroform, BTEX, methyl ethyl ketone, and trimethylbenzenes—were also detected in most of the indoor air samples and in most outdoor ambient air samples.

Comparison against Risk-based Screening Levels

The sampling results of the February 2010 VI investigation were compared against IDEM indoor air action levels, IDEM crawlspace and sub-slab SLs. The IDEM action levels and SLs were calculated based on the methods and assumptions in the *Draft Vapor Intrusion Pilot Program Guidance Supplement* (IDEM, 2010). Per this supplemental guidance, the crawlspace and sub-slab SLs were calculated using a subsurface-to-indoor-air attenuation factor of 1 and

0.1, respectively. The sampling results were also compared against the USEPA indoor air Regional Screening Levels (RSLs) and crawlspace and sub-slab SLs calculated using the same IDEM attenuation factors. The IDEM SLs are based on a target cancer risk level of 1×10^{-5} and a target noncancer hazard quotient of 1. The USEPA RSLs are based on a target cancer risk level of 1×10^{-6} and a target noncancer hazard quotient of 1. Both IDEM and USEPA screening values are based on a 30-year residential exposure scenario (24 years as an adult and 6 years as a child), 350 days per year exposure frequency, 20 cubic meters per day inhalation rate for an adult receptor, and 10 cubic meters per day inhalation rate for a child receptor.

The USEPA RSLs used in the data evaluation are presented in Table 1 of Attachment 3.

The exposure parameters used in the derivation of the IDEM SLs are presented in Table 2 of Attachment 3. The IDEM SLs used in the data evaluation are presented in Tables 3, 4, and 5 of Attachment 3.

As shown in Table 5-2, the analytical data were compared against the minimum of the IDEM and USEPA SLs. Various volatile analytes were detected in samples collected within the offsite area of concern above the minimum SL:

- Twenty-six analytes were detected in the five ambient air samples. Only acrolein concentrations detected in ambient air were greater than the minimum indoor air SL.
- Forty-five analytes were detected in the two sub-slab vapor samples. Only acrolein was detected above the minimum SL in the sub-slab samples.
- Forty analytes were detected in the four crawlspace samples. Only 11 analytes were detected above the minimum SL in the crawlspace samples collected from 4 residences. These include: 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 1,4-dichlorobenzene; acrolein; benzene; bromodichloromethane; chloroform; ethylbenzene; m,p-xylene; PCE; and TCE. Of these analytes, only TCE is considered a site-related COC.
- Forty-nine analytes were detected in the 23 indoor air samples. Only 13 analytes were detected above the minimum SL in the indoor air samples collected from 15 residences including: 1,2,4-trimethylbenzene; 1,2-dichloroethane; 1,3-butadiene; 1,4-dichlorobenzene; acrolein; benzene; bromodichloromethane; 1-butanol; chloroform; m,p-xylene; propanol; PCE; and TCE. Of these analytes, only TCE is considered a site-related COC.

Figure 5-1 shows the detected concentrations of the site-related chemicals of concern and PCE from the February 2010 VI investigation.

Two VOCs—1,2-dibromomethane and 1,2,4-trichlorobenzene—were detected in a number of samples but had nondetected results (reporting limits) greater than two times the minimum SL. Having reporting limits above the risk-based SLs introduces uncertainty related to managing risks for these two VOCs. However, given that these two VOCs are not considered site-related chemicals, further consideration of these VOCs is not included in this technical memorandum.

Background Outdoor and Indoor Air Source Evaluation

Detection of the VOCs discussed above inside a building is not definitive evidence of a complete VI pathway. Indoor air samples may be complicated by the presence of ambient atmospheric (outdoor) and indoor source of the same contaminants that are being evaluated for VI. Background ambient (outdoor) air sources can include permitted point sources (e.g., dry cleaners), auto emissions, natural sources (e.g., fires), and other anthropogenic sources. Background ambient air can contribute significantly to indoor air contaminant concentrations, and it is important to distinguish these sources. Concentrations in ambient air can vary considerably, and site-specific assessment is critical.

Comparison of the VOC concentrations in indoor air samples to the ambient air concentrations can help identify potential non-VI sources. An ambient air sample was collected outside of the residence at 1021 Park Avenue during each day of the 2010 investigation. Comparing the indoor air samples to these ambient air concentrations, only a few VOCs that were detected in both indoor and ambient air have indoor air concentrations that are, on average, five times higher than their respective average ambient air concentrations (Table 5-2). This magnitude of indoor versus outdoor concentrations may indicate either a subsurface source (occurring by VI) or an indoor source (Dawson and McAlary, 2009). As shown in Table 5-3, many of the VOCs detected in indoor air, but either not detected in ambient air or detected at an indoor-to-ambient-air ratio of less than 5, have common nonindustrial uses. The other VOCs detected in indoor air are related to petroleum hydrocarbons and are not associated with releases from the quarry.

Many of the VOCs detected are common contaminants in ambient outdoor air and may also have other sources inside buildings, such as household products (e.g., solvents, cleaners, scented candles, paint strippers), personal care products, dry-cleaned clothes, home improvement supplies and building materials (carpets, insulation, paint, wood finishes), combustion processes (vehicle or other engine exhaust, home heating, smoking, cooking), and other occupant activities (welding, metal cutting, supplies for crafts or other hobbies) (Dawson and McAlary 2009). These common background sources, some of which are identified during the background survey (Table 4-2), can confound the analysis of indoor concentration data, and make it difficult to distinguish contributions from the VI pathway. As shown in Tables 5-1 and 5-2, of the site-related COCs, only TCE was detected in either the indoor air samples or the crawlspace samples. TCE was detected in only one sample at 1.27 $\mu g/m^3$ (from the 723 South Leeds Street living quarters) above the minimum SL of 1.2 $\mu g/m^3$, which is below 1.6 $\mu g/m^3$, the 95th percentile of background indoor air concentrations in North American residences. For the non-site-related COCs, only PCE and propanol exceed the 95th percentile of background indoor air concentrations in North American residences.

As shown in Table 5-2, 11 VOCs are primarily petroleum hydrocarbons or are combustion byproducts: acetonitrile, acrolein, benzene, ethylbenzene, isobutene, methacrolein, methyl ethyl ketone, n-hexane, o-xylene, pentane, propene, and toluene. These 11 VOCs are consistently detected in crawlspace, living quarters, and basement samples. Only acrolein is detected in the two sub-slab samples. Chloroform and PCE are also consistently detected in the crawlspace, living quarters, and basement samples. Of the remaining VOCs that were detected in indoor air, only cis-1,2-DCE and TCE are considered site-related COCs.

Summary and Conclusion

A VI study was conducted in the offsite area of concern at the Continental Steel Superfund Site operable unit 4, Markland Avenue Quarry unit as a follow-up to previous VI investigations. Indoor air samples were collected from 15 homes, a portion of which had crawlspace and sub-slab samples collected. Residual contamination in the groundwater may have migrated beneath the offsite area of concern. In recent years, however, the quarry has undergone a remedial action that has eliminated the source of the groundwater contamination.

Based on the evaluation of the comparison to the minimum SL, background indoor sources, background ambient air concentrations, and other lines of evidence, only 1,2-DCE and TCE are likely VI concerns related to operable unit 4. The current data suggests the impact of the VI pathway is limited. The lack of detects for site-related COCs in samples from 740 South Leeds, 731 South Brandon Street, and 801 South Brandon Street, and only low concentrations of non-site-related PCE in 1019 West Harrison Street and 1017 West Harrison Street may indicate VI is not related to the quarry. However, 821 South Brandon Street, close to the quarry, reported TCE in the sub-slab air sample[3].

Potential VI issues exist related to PCE in crawlspace, basement, and living quarter samples along South Leeds Street, north of West Harrison Street, and at 724 Wabash Avenue. PCE is also detected in samples from 821 South Brandon Street. These PCE concentrations may be associated with dry cleaning or other indoor, background sources. The sub-slab sample collected from 723 South Leeds Street (0.9 µg/m^3 PCE) is lower than the 4.8 and 5.5 µg/m^3 concentrations detected in basement and living quarters indoor air samples, suggesting it is not related to VI. However, no sub-slab samples are available at the other residences along South Leeds Street or Wabash Avenue. Based on the frequency of detections of PCE in soil gas, living quarters, basements, crawlspaces, and sub-slab locations in 2003, 2009, and 2010 (see Table 6-1), further investigation of the PCE sampling results should be conducted. Another PCE contamination source or indoor background sources may account for these PCE concentrations and should be investigated further.

Air and groundwater results throughout the VI study are summarized in Figures 6-1 through 6-3 for TCE, PCE, and their chemicals of degradation.

Recommendations for Further Actions

Based on the results of this screening-level data evaluation, several actions are recommended.

1. The presence of other sources of PCE and other non-site-related VOCs that are not related to possible indoor or ambient air background sources should be evaluated. Several possible actions to address PCE contamination include:
   - The installation of new groundwater monitoring wells or collection of grab groundwater samples to support the definition of a PCE groundwater plume that

[3] TCE was detected in the sub-slab air sample from this residence at a concentration of 7.63083 µg/m^3. The IDEM indoor air SL for TCE is 1.24 µg/m^3, and the USEPA RSL is 1.22 µg/m^3.

may act as a source for the VI pathway. For example, groundwater samples could be collected between IA-109 and UA-028, along Wabash Avenue, along South McCann Street, and along South Brandon Street.

- Collection of additional samples (indoor, sub-slab or crawlspace, and soil gas) in the areas where PCE concentrations exceed the SLs. The areas include South Leeds Street and South Wabash Avenue. In addition, building surveys for those locations can be conducted to confirm a lack of indoor background sources.
- Historical activities within and near the areas where PCE concentrations exceed the SLs can be investigated.
- Evaluate the need for mitigation of the VI pathway in the homes along South Leeds Street and South Wabash Avenue.

2. Steps should be taken to address spatial and temporal variability in VI sampling results. Soil gas and sub-slab vapor sampling results can vary spatially by orders of magnitude. It is possible to have buildings right next to each other with vastly different concentrations. Therefore, it may require that more samples be collected to adequately characterize the uncertainty. Spatial variability in the subsurface is much higher than in indoor or outdoor air. Thus, fewer indoor and outdoor air samples are generally needed compared to subsurface samples. However, temporal variability also exists. Temporal variability is site- and media-specific and is similar to spatial variability in the subsurface. Two or more rounds of sampling are generally required to adequately characterize uncertainty due to temporal variation.

   It is recommended to collect additional sub-slab, crawlspace, and indoor air samples from a portion of the existing locations, and also to collect additional groundwater samples from several of the existing wells (028, 109, 110, and 125). Similar sampling and laboratory analysis methods used during the February 2010 investigation should be used during future sample collection activities. The additional samples would be collected in conjunction with any new VI samples collected.

3. If possible, collect additional sub-slab and indoor air samples. Additional sub-slab and indoor air sample pairs would provide useful information to evaluate the VI pathway and help reduce the uncertainty related to nonbackground sources. For example, the sub-slab samples provide information on the presence of contaminated soil gas directly beneath the building.

4. Review VI sampling techniques. The operating procedures used should be reviewed against the latest standard operating procedures prior to future sampling efforts. In addition, given the likely interference from background concentrations, leak checks should be performed during future sub-slab sampling efforts to ensure unbiased results[4].

[4] Leak tests are performed by "contaminating" the sample environment with a known compound during the test to determine if a leak has occurred. Some leak-check compounds include helium and sulfur hexafluoride or over-the-counter products such as 2-propanol (rubbing alcohol).

Note: IDEM comments on the DRAFT version of this memorandum stated that IDEM staff would like to discuss referral of the site VI issues to IDEM's Site Investigation Section or USEPA staff for further investigation and action. Discussions between USEPA and IDEM are currently underway.

References

CH2M HILL. 2001. *Predesign Investigation Report.*

CH2M HILL. 2004. Technical Memorandum to USEPA, "Continental Steel—Soil Gas and Indoor Air Screening of the Residential Community Surrounding the Markland Avenue Quarry (Continental Steel)." January 15.

Dawson, H. E. and McAlary, T. 2009. "A Compilation of Statistics for VOCs from Post-1990 Indoor Air Concentration Studies in North American Residences Unaffected by Subsurface Vapor Intrusion." *Ground Water Monitoring & Remediation*, Vol. 29, No. 1., pp. 60-69.

Indiana Department of Environmental Management (IDEM). 2006. *Draft Vapor Intrusion Pilot Program Guidance*. April 26.

IDEM. 2010. *Draft Vapor Intrusion Pilot Program Guidance Supplement*. February 4.

Interstate Technology & Regulatory Council (ITRC). 2007. *Vapor Intrusion Pathway: A Practical Guideline*. 172 pages. http://www.itrcweb.org/Documents/VI-1.pdf. January.

United States Environmental Protection Agency (USEPA) and IDEM. 1998. *Record of Decision: Continental Steel Corporation Superfund Site*. Kokomo, Howard County, Indiana. September.

United States Environmental Protection Agency (USEPA). 2002. *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance).* OSWER. EPA530-D-02-004. November.

Tables

Table 2-1
Markland Avenue Quarry Chemicals of Concern[1]
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Quarry Sediment [2]

Chemical	No. of Detects [3]	Min	Max	Units
Acetone	1	110	110	µg/Kg
cis-1,2-Dichloroethene	3	8	130	µg/Kg
Methylene Chloride	1	41	41	µg/Kg
Trichloroethene	7	16	3300	µg/Kg

Quarry Groundwater

Chemical	No of Detects [4]	Min	Max	Units
Acetone	1	24	24	µg/L
cis-1,2-Dichloroethene	11	17	3500	µg/L
trans-1,2-Dichloroethene	4	11	55	µg/L
Tetrachloroethene [5]	1	570	570	µg/L
Trichloroethene	8	10	380	µg/L
Vinyl Chloride	3	36	1800	µg/L

[1] Based on CH2M HILL Pre-Design Investigation, 2001

[2] Sediment has been removed and quarry filled in

[3] Nine sediment locations sampled

[4] Twelve wells were reviewed: UA-028, and well nests 108, 109, 110, 111, 125

[5] Only detected in well UA-028, ~0.2 mi downgradient of the Quarry

Table 3-1
Comparison of Upper to Lower Aquifer Groundwater Sampling Results
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			2001			2009		
Well	**Aquifer**	**Sample Depth**	**TCE**	**Cis-1,2-DCE**	**Vinyl Chloride**	**TCE**	**Cis-1,2-DCE**	**Vinyl Chloride**
CS5-UA001 U-01	Upper	10.25	ND	1	ND	ND	ND	ND
CS5-UA028 U-01	Upper	10.34	440	300	36	27	61	11
CS5-UA108 U-01	Upper	27.49	54	25	ND	NA[1]	NA[1]	NA[1]
CS5-UA109 U-01	Upper	7.45	500	130	2	NA[1]	NA[1]	NA[1]
CS5-UA110 U-01	Upper	7.89	ND	3	ND	NA[1]	NA[1]	NA[1]
CS5-UA111 U-01	Upper	6.4	69	2700	1800	NA[1]	NA[1]	NA[1]
CS5-IA109 I-01	Intermediate	65.26	10	3200	6	17	300	130
CS5-IA110 I-01	Intermediate	52.5	19	37	1	7.6	54	46
CS5-IA111 I-01	Intermediate	64.54	5	3500	100	11	380	39
CS5-IA125 I-01	Intermediate	50.3	20	51	ND	5.4	13	ND
CS5-LA108 L-01	Lower	112.48	ND	ND	ND	2	8.4	0.34
CS5-LA109 L-01	Lower	116.99	14	400	ND	0.39	16	0.068
CS5-LA110 L-01	Lower	117.82	1	1100	9	ND	33	ND
CS5-LA111 L-01	Lower	115.23	ND	17	ND	2.3	9.7	1.1
CS5-LA125 L-01	Lower	115.52	ND	ND	ND	2.1	1.8	ND

Notes:

Units are in micrograms per liter (µg/L).

[1]Upper aquifer comparison not available for 2009 because upper aquifer wells were dry due to draw down from dewatering of the quarry

ND: Not Detected

Sample Depth is the total depth to the bottom of the screen

Table 4-1
Sample Location Summary
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Sample ID	Sample Location	Sample Location Type
CSS-FB-026-01	Blank / Canister	Blank / Canister
CSS-IA-016-01	731 South Brandon Street	Living Quarters
CSS-IA-017-01	731 South Brandon Street	Crawl Space
CSS-IA-018-01	720 Brandon Street	Living Quarters
CSS-IA-019-01	734 South Wabash Avenue	Living Quarters
CSS-IA-020-01	734 South Wabash Avenue	Basement
CSS-IA-021-01	734 South Wabash Avenue Dup	Basement (Duplicate)
CSS-IA-022-01	1021 Park Avenue Front Unit	Living Quarters - Front Unit
CSS-IA-023-01	1021 Park Avenue Back Unit	Living Quarters - Back Unit
CSS-IA-024-01	1021 Park Avenue	Crawl Space
CSS-IA-025-01	Ambient 1 / Outside 1021 Park Avenue	Ambient
CSS-IA-027-01	1019 West Harrison Street	Living Quarters
CSS-IA-028-01	740 South Leeds Street	Living Quarters
CSS-IA-029-01	1019. West Harrison Street	Crawl Space
CSS-IA-030-01	724 South Wabash Avenue	Living Quarters
CSS-IA-031-01	724 South Wabash Avenue	Basement
CSS-IA-032-01	1017 West Harrison Street - 1st Floor	First Floor
CSS-IA-033-01	1017 West Harrison Street - 1st Floor Dup	First Floor (Duplicate)
CSS-IA-034-01	1017 West Harrison Street	Basement
CSS-IA-035-01	Ambient 2 / Outside 1021 Park Avenue	Ambient
CSS-IA-036-01	801 South Brandon Street	Living Quarters
CSS-IA-037-02	801 South Brandon Street	Basement
CSS-IA-038-01	750 South Wabash Avenue	Living Quarters
CSS-IA-039-02	750 South Wabash Avenue	Basement
CSS-IA-040-01	Ambient 3 / Outside 1021 Park Avenue	Ambient
CSS-IA-041-01	723 South Leeds Street	Sub-slab
CSS-IA-042-01	723 South Leeds Street	Basement
CSS-IA-043-01	723 South Leeds Street	Living Quarters
CSS-IA-044-01	725 South Leeds Street	Basement
CSS-IA-045-01	725 South Leeds Street	Living Quarters
CSS-IA-046-01	821 South Brandon Street	Sub-slab
CSS-IA-047-01	821 South Brandon Street	Living Quarters
CSS-IA-048-01	821 South Brandon Street	Basement
CSS-IA-049-01	709 South Leeds Street	Crawl Space
CSS-IA-050-01	709 South Leeds Street	Living Quarters
CSS-IA-051-01	Ambient 4 / Outside 1021 Park Avenue	Ambient
CSS-IA-052-01	Ambient 5 / Outside 1021 Park Avenue	Ambient

Table 4-2
Building Survey Results
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Address	731 South Brandon Street	821 South Brandon Street	1017 West Harrison Street	1019 West Harrison Street	720 South Brandon Street	724 South Wabash Avenue	734 South Wabash Avenue	750 South Wabash Avenue	709 South Leeds Street	723 South Leeds Street	725 South Leeds Street
No. of Occupants	2 (no children)	1 (no children)	1 (no children)	4 (2 children)	2 (no children)	2 (no children)	2 (no children)	1 (no children)	4 (2 children)	1 (no children)	2 (no children)
Time of Residence	1 Year	8 years	5 years	2.5 years	5 years	6 years	10 years	27 years	5 years	5 years	5 years
Type of House	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family	Single Family
Basement/Crawl Space	Crawl space	Basement	Crawl space	Crawl space	Crawl space (not accessible)	Basement	Basement	Basement	Crawl space	Basement (half, half crawl)	Basement
Age of House	--	88 years	120 years	--	100 years	60 years	90 years	85-100 years	105 years	45 years	85 years
Standing water outside home?	--	Yes	--	--	Yes (1-2 times/year)	No	--	No	--	--	No
Basement finished?	--	Unfinished	--	--	--	Finished (3 rooms)	Unfinished	Unfinished	--	Unfinished	Unfinished
Basement Wall	--	Cement block	--	--	--				--		
Basement Moisture Problem?	--	Yes (rarely, < 1x/year)	--	--	--	No	Yes (3 or more times/year)	Yes (3 or more times/year)	--	No	Yes (rarely, < 1x/year)
Does Basement Flood?	--		--	--	--	No			--	No	No
Basement has:	--	Wall cracks, sump, floor drain	--	--	--	Sump, floor drain	Sump	Sump, floor drain, floor cracks	--	Sump, floor drain	Sump, floor drain
Products stored or used	--	--	Latex paint	Paint (latex), laundry spot removers, glue, drain cleaners, pesticides	Paint, solvents, laundry spot remover	Laundry spot remover, kerosene heater in basement	"Maybe some water based paint"	"Paint - not in a long time", laundry spot removers	--	Paint (not opened in a long time), solvents, laundry spot remover, drain cleaner	--
Painted or remodeled w/in 6 months?	All rooms painted (latex paint), last year	No	Rooms painted within 6 months (latex)	No	No	--	No	No	Yes (bedrooms painted with latex paint)	No	No
New Carpeting?	No	No	No	No	No	No	No	No	No	No	No
Use or work in dry cleaner?	No	No	No	No	No	No	No	No	No	No	No
Work with solvents?	No	No	No	No	No	No	No	No	No	No	No
Washer location	Upstairs utility room	--	Upstairs utility room	Upstairs utility room	Upstairs utility room	Basement	Upstairs utility room	Upstairs in bathroom	Upstairs utility room	Basement	Upstairs utility room
Dryer vented outdoors?	Yes	--	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Home heating type	Gas, FHA	Gas, FHA	Gas, FHA	Gas, FHA	Gas, FHA		Gas, FHA	Gas, FHA	Gas, FHA	Gas, FHA	Gas, FHA
Air Conditioning						Yes		Yes	Yes		
Fans	Ceiling Fans	Ceiling Fans	Room fans	Ceiling Fans	Yes, room		Ceiling Fans	Ceiling Fans	Ceiling Fans	Room fans	Room fans
Pesticide treatment?	No	--	No	Yes (fleas, 9 months ago)	No	Yes (centipedes) over a year ago.	No	No	No	No	No
Water Heater	Gas, upstairs utility room	Gas	Gas, upstairs utility room	Gas, upstairs utility room	Gas, upstairs utility room	Electric, basement	Gas, basement	Gas, basement	Gas, upstairs utility room	Gas	Gas, basement
Stove	Gas	Gas	Gas	Gas	Electric	Electric	Gas	Gas	Gas	Electric	Electric
Kitchen exhaust fan	No	Yes (not vented)	Yes (not vented)	Yes (not vented)	No	Yes (outdoors)	Yes (not vented)	Yes (not vented)	No	Yes (not vented)	Yes (not vented)
Smoking in house?	No (smokes in garage)	Yes (light)	No	No	Yes (heavy, cigarettes)	No	No	No	Yes (moderate, cigarettes)	Yes (light - cigars, pipe)	No
Air fresheners used?	Yes	--	No	Yes	No	No	No	No	Yes	Yes	No
Hobbies	--	--	--	--	--	--	--	--	--	--	Soldering
Products used	--	--	Window cleaner, nail polish remover, hair spray	Spray deodorant, deodorizers, disinfectants	Disinfectants, hairspray	Hair spray	Household aerosols, window cleaner, nail polish remover	Window cleaner, hair spray	Deodorizers, disinfectants, window cleaner, nail polish removers, hair spray	Deodorizers, disinfectants, window cleaner	Hair spray
Weekly cleaning	--	--	--	--	Furniture polish	Furniture polish	Furniture polish	--	Furniture polish	Furniture polish	--

Notes:
--: Information not available/confirmed.

Table 5-1
February 2010 Vapor Intrusion Investigation Summary Statistics
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

	Subslab					Crawl Space					Indoor Air					Ambient				
ANALYTE	No. of Samples	No. of Detects	Minimum Concentration [µg/m^3]	Average Concentration [µg/m^3]	Maximum Concentration [µg/m^3]	No. of Samples	No. of Detects	Minimum Concentration [µg/m^3]	Average Concentration [µg/m^3]	Maximum Concentration [µg/m^3]	No. of Samples	No. of Detects	Minimum Concentration [µg/m^3]	Average Concentration [µg/m^3]	Maximum Concentration [µg/m^3]	No. of Samples	No. of Detects	Minimum Concentration [µg/m^3]	Average Concentration [µg/m^3]	Maximum Concentration [µg/m^3]
1,1,1-Trichloroethane	2	0	2.7E-01	2.7E-01	2.7E-01	4	0	2.7E-01	2.7E-01	2.7E-01	23	2	2.7E-01	2.8E-01	4.0E-01	5	0	2.7E-01	2.7E-01	2.7E-01
1,1,2,2-Tetrachloroethane	2	0	3.4E-01	3.4E-01	3.4E-01	4	0	3.4E-01	3.4E-01	3.4E-01	23	0	3.4E-01	3.4E-01	3.4E-01	5	0	3.4E-01	3.4E-01	3.4E-01
1,1,2-Trichloro-1,2,2-Trifluoroethane	*2*	*2*	*6.1E-01*	*6.1E-01*	*6.1E-01*	*4*	*4*	*5.7E-01*	*6.4E-01*	*7.1E-01*	*23*	*23*	*5.3E-01*	*6.6E-01*	*9.0E-01*	*5*	*5*	*5.4E-01*	*6.7E-01*	*7.6E-01*
1,1,2-Trichloroethane	2	1	2.7E-01	7.9E-01	1.3E+00	4	0	2.7E-01	2.7E-01	2.7E-01	23	0	2.7E-01	2.7E-01	2.7E-01	5	0	2.7E-01	2.7E-01	2.7E-01
1,1-Dichloroethane	2	0	2.0E-01	2.0E-01	2.0E-01	4	0	2.0E-01	2.0E-01	2.0E-01	23	0	2.0E-01	2.0E-01	2.0E-01	5	0	2.0E-01	2.0E-01	2.0E-01
1,1-Dichloroethene	2	1	2.0E-01	2.2E-01	2.4E-01	4	0	2.0E-01	2.0E-01	2.0E-01	23	0	2.0E-01	2.0E-01	2.0E-01	5	0	2.0E-01	2.0E-01	2.0E-01
1,2,3-Trimethylbenzene	2	2	1.8E+00	2.1E+00	2.4E+00	4	1	2.5E-01	8.8E-01	2.8E+00	23	14	2.5E-01	5.4E-01	1.3E+00	5	0	2.5E-01	2.5E-01	2.5E-01
1,2,4-Trichlorobenzene	2	0	3.9E+00	3.9E+00	3.9E+00	4	0	3.7E-01	2.1E+00	3.9E+00	23	0	3.7E-01	2.8E+00	3.9E+00	5	0	3.7E-01	3.2E+00	3.9E+00
1,2,4-Trimethylbenzene	*2*	*2*	*4.4E+00*	*5.1E+00*	*5.9E+00*	*4*	*4*	*3.3E-01*	*3.7E+00*	*1.4E+01*	*23*	*23*	*2.6E-01*	*1.4E+00*	*5.6E+00*	*5*	*4*	*2.5E-01*	*3.0E-01*	*3.4E-01*
1,2-Dibromoethane (EDB)	2	0	3.8E-01	3.8E-01	3.8E-01	4	0	3.8E-01	3.8E-01	3.8E-01	23	0	3.8E-01	3.8E-01	3.8E-01	5	0	3.8E-01	3.8E-01	3.8E-01
1,2-Dichlorobenzene	2	0	3.0E-01	3.0E-01	3.0E-01	4	0	3.0E-01	3.0E-01	3.0E-01	23	0	3.0E-01	3.0E-01	3.0E-01	5	0	3.0E-01	3.0E-01	3.0E-01
1,2-Dichloroethane	2	0	2.0E-01	2.0E-01	2.0E-01	4	0	2.0E-01	2.0E-01	2.0E-01	23	8	2.0E-01	3.5E-01	2.0E+00	5	0	2.0E-01	2.0E-01	2.0E-01
1,2-Dichloropropane	2	0	2.3E-01	2.3E-01	2.3E-01	4	0	2.3E-01	2.3E-01	2.3E-01	23	0	2.3E-01	2.3E-01	2.3E-01	5	0	2.3E-01	2.3E-01	2.3E-01
1,3,5-Trimethylbenzene	*2*	*2*	*1.4E+00*	*1.6E+00*	*1.9E+00*	*4*	*2*	*2.5E-01*	*1.2E+00*	*3.6E+00*	*23*	*18*	*2.5E-01*	*5.2E-01*	*1.6E+00*	*5*	*2*	*2.5E-01*	*2.7E-01*	*3.7E-01*
1,3-Butadiene	2	1	1.1E-01	1.2E-01	1.4E-01	4	0	1.1E-01	1.1E-01	1.1E-01	23	11	1.1E-01	1.0E+00	9.5E+00	5	0	1.1E-01	1.1E-01	1.1E-01
1,3-Dichlorobenzene	2	0	3.0E-01	3.0E-01	3.0E-01	4	0	3.0E-01	3.0E-01	3.0E-01	23	0	3.0E-01	3.0E-01	3.0E-01	5	0	3.0E-01	3.0E-01	3.0E-01
1,4-Dichlorobenzene	2	2	7.6E-01	8.3E-01	9.1E-01	4	2	3.0E-01	9.6E-01	1.6E+00	23	4	3.0E-01	1.2E+00	1.6E+01	5	0	3.0E-01	3.0E-01	3.0E-01
1,4-Dioxane	2	0	1.8E-01	1.8E-01	1.8E-01	4	0	1.8E-01	1.8E-01	1.8E-01	23	0	1.8E-01	1.8E-01	1.8E-01	5	0	1.8E-01	1.8E-01	1.8E-01
1-Butanol	2	2	4.4E-01	3.8E+00	7.2E+00	4	1	1.5E-01	1.7E-01	2.3E-01	23	15	1.5E-01	1.9E+00	3.3E+01	5	0	1.5E-01	1.5E-01	1.5E-01
1-Propanol	2	1	5.2E-01	6.6E-01	8.0E-01	4	1	5.2E-01	8.8E-01	1.2E+00	23	6	5.2E-01	1.1E+00	3.6E+00	5	0	5.2E-01	6.6E-01	1.2E+00
2-Hexanone	2	2	3.8E-01	4.2E-01	4.5E-01	4	0	2.0E-01	2.0E-01	2.0E-01	23	2	2.0E-01	2.2E-01	4.0E-01	5	0	2.0E-01	2.0E-01	2.0E-01
2-Pentanone	2	2	6.7E-01	7.2E-01	7.8E-01	4	0	1.8E-01	1.8E-01	1.8E-01	23	7	1.8E-01	2.8E-01	1.4E+00	5	0	1.8E-01	1.8E-01	1.8E-01
2-Propanol						1	0	1.2E-01	1.2E-01	1.2E-01	6	2	1.2E-01	2.1E+00	1.2E+01	1	0	1.2E-01	1.2E-01	1.2E-01
3-Hexanone	2	0	2.0E-01	2.0E-01	2.0E-01	4	0	2.0E-01	2.0E-01	2.0E-01	23	0	2.0E-01	2.0E-01	2.0E-01	5	0	2.0E-01	2.0E-01	2.0E-01
3-Pentanone	2	1	1.8E-01	3.1E-01	4.5E-01	4	0	1.8E-01	1.8E-01	1.8E-01	23	1	1.8E-01	1.9E-01	5.2E-01	5	0	1.8E-01	1.8E-01	1.8E-01
4-Methyl-2-pentanone	*2*	*2*	*5.0E-01*	*5.4E-01*	*5.9E-01*	*4*	*3*	*2.0E-01*	*4.6E-01*	*9.4E-01*	*23*	*21*	*2.0E-01*	*3.4E-01*	*8.0E-01*	*5*	*3*	*2.0E-01*	*2.2E-01*	*2.4E-01*
Acetone	*2*	*2*	*7.7E+00*	*9.5E+00*	*1.1E+01*	*4*	*3*	*4.3E+00*	*2.1E+01*	*6.7E+01*	*23*	*18*	*4.9E+00*	*2.1E+01*	*6.7E+01*	*5*	*4*	*3.3E+00*	*5.2E+00*	*7.2E+00*
Acetonitrile	*2*	*2*	*4.4E-01*	*4.7E-01*	*5.0E-01*	*4*	*2*	*8.4E-02*	*3.3E-01*	*7.0E-01*	*23*	*12*	*8.4E-02*	*1.8E+00*	*1.4E+01*	*5*	*1*	*1.8E-01*	*3.1E-01*	*3.4E-01*
Acrolein	*2*	*2*	*5.3E-01*	*5.9E-01*	*6.6E-01*	*4*	*1*	*1.1E-01*	*4.2E-01*	*6.9E-01*	*23*	*21*	*1.1E-01*	*1.8E+00*	*8.8E+00*	*5*	*3*	*1.1E-01*	*2.9E-01*	*6.9E-01*
Benzene	*2*	*2*	*1.4E+00*	*1.9E+00*	*2.4E+00*	*4*	*4*	*5.4E-01*	*6.9E+00*	*2.6E+01*	*23*	*23*	*5.0E-01*	*3.2E+00*	*1.4E+01*	*5*	*5*	*5.8E-01*	*6.8E-01*	*7.2E-01*
Benzyl chloride	2	1	2.6E-01	2.7E-01	2.8E-01	4	0	2.6E-01	2.6E-01	2.6E-01	23	0	2.6E-01	2.6E-01	2.6E-01	5	0	2.6E-01	2.6E-01	2.6E-01
Bromodichloromethane	2	0	3.4E-01	3.4E-01	3.4E-01	4	1	3.4E-01	5.2E-01	1.1E+00	23	11	3.4E-01	4.1E-01	9.5E-01	5	0	3.4E-01	3.4E-01	3.4E-01
Bromoform	2	0	5.2E-01	5.2E-01	5.2E-01	4	0	5.2E-01	5.2E-01	5.2E-01	23	5	5.2E-01	6.5E-01	3.1E+00	5	0	5.2E-01	5.2E-01	5.2E-01
Bromomethane	2	0	1.9E-01	1.9E-01	1.9E-01	4	0	1.9E-01	1.9E-01	1.9E-01	23	0	1.9E-01	1.9E-01	1.9E-01	5	0	1.9E-01	1.9E-01	1.9E-01
Carbon disulfide	*2*	*2*	*4.3E-01*	*8.1E-01*	*1.2E+00*	*4*	*2*	*1.6E-01*	*4.2E-01*	*6.2E-01*	*23*	*8*	*1.6E-01*	*3.4E-01*	*6.2E-01*	*5*	*3*	*1.6E-01*	*3.1E-01*	*6.2E-01*
Carbon tetrachloride	*2*	*1*	*3.1E-01*	*3.4E-01*	*3.7E-01*	*4*	*4*	*4.2E-01*	*4.9E-01*	*6.2E-01*	*23*	*22*	*3.1E-01*	*4.8E-01*	*6.2E-01*	*5*	*5*	*3.8E-01*	*4.9E-01*	*5.9E-01*
Chlorobenzene	2	1	2.3E-01	3.3E-01	4.3E-01	4	0	2.3E-01	2.3E-01	2.3E-01	23	0	2.3E-01	2.3E-01	2.3E-01	5	0	2.3E-01	2.3E-01	2.3E-01
Chlorodifluoromethane	*2*	*2*	*5.4E-01*	*1.2E+00*	*1.8E+00*	*4*	*4*	*7.2E-01*	*9.3E-01*	*1.5E+00*	*23*	*23*	*6.7E-01*	*1.4E+00*	*7.1E+00*	*5*	*5*	*6.7E-01*	*7.9E-01*	*8.9E-01*
Chloroethane	2	0	1.3E-01	1.3E-01	1.3E-01	4	0	1.3E-01	1.3E-01	1.3E-01	23	1	1.3E-01	1.3E-01	1.8E-01	5	0	1.3E-01	1.3E-01	1.3E-01
Chloroform	2	1	2.4E-01	1.6E+00	3.0E+00	4	4	4.1E-01	1.7E+00	4.2E+00	23	22	2.4E-01	1.3E+00	3.8E+00	5	0	2.4E-01	2.4E-01	2.4E-01
Chloromethane	2	2	1.1E-01	3.1E-01	5.0E-01	4	4	8.0E-01	8.4E-01	9.1E-01	23	23	6.3E-01	1.7E+00	7.5E+00	5	5	9.6E-01	1.1E+00	1.2E+00
cis-1,2-Dichloroethene	**2**	**0**	**2.0E-01**	**2.0E-01**	**2.0E-01**	**4**	**1**	**2.0E-01**	**1.2E+00**	**4.4E+00**	**23**	**3**	**2.0E-01**	**2.4E-01**	**8.8E-01**	**5**	**0**	**2.0E-01**	**2.0E-01**	**2.0E-01**
cis-1,3-Dichloropropene	2	0	2.3E-01	2.3E-01	2.3E-01	4	0	2.3E-01	2.3E-01	2.3E-01	23	0	2.3E-01	2.3E-01	2.3E-01	5	0	2.3E-01	2.3E-01	2.3E-01
Cyclohexane	2	2	5.2E-01	4.4E+00	8.3E+00	4	3	1.7E-01	1.7E+00	6.1E+00	23	20	1.7E-01	3.9E+00	3.8E+01	5	0	1.7E-01	1.7E-01	1.7E-01
Cyclopentane	*2*	*2*	*2.4E-01*	*8.4E-01*	*1.4E+00*	*4*	*4*	*1.6E-01*	*1.6E+00*	*5.9E+00*	*23*	*17*	*1.4E-01*	*5.5E-01*	*2.8E+00*	*5*	*2*	*1.4E-01*	*1.6E-01*	*2.1E-01*
Dichlorodifluoromethane	*2*	*2*	*2.3E+00*	*2.6E+00*	*2.9E+00*	*4*	*4*	*2.4E+00*	*3.5E+00*	*6.9E+00*	*23*	*23*	*1.9E+00*	*3.8E+00*	*1.6E+01*	*5*	*5*	*2.1E+00*	*2.4E+00*	*2.7E+00*
Dichlorotetrafluoroethane	2	0	2.5E-01	2.5E-01	2.5E-01	4	0	2.5E-01	2.5E-01	2.5E-01	23	0	2.5E-01	2.5E-01	2.5E-01	5	0	2.5E-01	2.5E-01	2.5E-01
Ethylbenzene	*2*	*2*	*3.1E+00*	*3.9E+00*	*4.6E+00*	*4*	*4*	*2.4E-01*	*3.6E+00*	*1.4E+01*	*23*	*23*	*2.4E-01*	*1.5E+00*	*7.8E+00*	*5*	*5*	*2.4E-01*	*2.6E-01*	*2.9E-01*
Isobutene	*2*	*2*	*9.1E-01*	*1.2E+00*	*1.5E+00*	*4*	*4*	*1.3E-01*	*1.2E+00*	*4.2E+00*	*23*	*23*	*1.3E-01*	*2.0E+00*	*1.5E+01*	*5*	*2*	*1.1E-01*	*1.3E-01*	*1.6E-01*
Isoprene	2	2	5.0E-01	6.6E-01	8.2E-01	4	3	1.4E-01	2.8E-01	4.7E-01	23	22	1.4E-01	6.3E+00	4.5E+01	5	0	1.4E-01	1.4E-01	1.4E-01
m,p-Xylene	2	2	1.6E+01	1.9E+01	2.2E+01	4	2	1.1E+00	1.2E+01	4.6E+01	23	17	1.1E+00	6.8E+00	3.5E+01	5	0	1.1E+00	1.1E+00	1.1E+00
Methacrolein	*2*	*2*	*2.9E-01*	*3.7E-01*	*4.5E-01*	*4*	*3*	*1.4E-01*	*1.6E-01*	*1.8E-01*	*23*	*21*	*1.4E-01*	*7.9E-01*	*6.2E+00*	*5*	*3*	*1.4E-01*	*1.6E-01*	*1.9E-01*
Methyl ethyl ketone	*2*	*2*	*2.7E+00*	*3.0E+00*	*3.2E+00*	*4*	*4*	*4.8E-01*	*2.6E+00*	*8.7E+00*	*23*	*23*	*4.1E-01*	*3.0E+00*	*9.9E+00*	*5*	*5*	*2.4E-01*	*6.6E-01*	*1.1E+00*
Methyl iodide	2	0	2.9E-01	2.9E-01	2.9E-01	4	0	2.9E-01	2.9E-01	2.9E-01	23	0	2.9E-01	2.9E-01	2.9E-01	5	0	2.9E-01	2.9E-01	2.9E-01
Methyl tert-butyl ether	2	0	1.8E-01	1.8E-01	1.8E-01	4	0	1.8E-01	1.8E-01	1.8E-01	23	0	1.8E-01	1.8E-01	1.8E-01	5	0	1.8E-01	1.8E-01	1.8E-01
Methyl vinyl ketone	2	2	3.2E-01	3.8E-01	4.5E-01	4	0	1.5E-01	1.5E-01	1.5E-01	23	19	1.5E-01	1.1E+00	9.0E+00	5	0	1.5E-01	1.5E-01	1.5E-01
Methylene chloride	*2*	*0*	*1.7E-01*	*1.7E-01*	*1.7E-01*	*4*	*2*	*2.7E-01*	*9.5E-01*	*1.4E+00*	*23*	*18*	*1.8E-01*	*6.4E-01*	*1.7E+00*	*5*	*4*	*2.0E-01*	*4.7E-01*	*1.4E+00*
n-Hexane	*2*	*2*	*8.4E-01*	*7.3E+00*	*1.4E+01*	*4*	*4*	*2.8E-01*	*6.1E+00*	*2.3E+01*	*23*	*23*	*1.9E-01*	*2.1E+00*	*1.2E+01*	*5*	*5*	*3.0E-01*	*3.5E-01*	*4.3E-01*
o-Xylene	*2*	*2*	*4.9E+00*	*5.7E+00*	*6.4E+00*	*4*	*4*	*2.4E-01*	*4.4E+00*	*1.7E+01*	*23*	*22*	*2.2E-01*	*1.4E+00*	*6.1E+00*	*5*	*5*	*2.3E-01*	*2.7E-01*	*3.1E-01*
Pentane	*2*	*2*	*8.9E-01*	*7.3E+00*	*1.4E+01*	*4*	*4*	*5.9E-01*	*2.1E+01*	*8.2E+01*	*23*	*21*	*1.5E-01*	*3.6E+00*	*2.5E+01*	*5*	*5*	*5.2E-01*	*6.8E-01*	*9.4E-01*
Propanal	*2*	*2*	*1.3E+00*	*1.8E+00*	*2.4E+00*	*4*	*3*	*8.1E-01*	*9.3E-01*	*1.0E+00*	*23*	*22*	*9.5E-01*	*3.2E+00*	*2.7E+01*	*5*	*4*	*9.5E-01*	*1.0E+00*	*1.2E+00*
Propene	*2*	*2*	*5.3E-01*	*1.3E+00*	*2.2E+00*	*4*	*4*	*2.1E-01*	*2.2E+00*	*7.9E+00*	*23*	*21*	*8.6E-02*	*3.8E+00*	*1.7E+01*	*5*	*5*	*2.7E-01*	*4.2E-01*	*8.0E-01*
Styrene	2	2	2.8E+00	3.1E+00	3.3E+00	4	3	2.1E-01	3.0E-01	4.5E-01	23	22	2.1E-01	1.3E+00	1.1E+01	5	0	2.1E-01	2.1E-01	2.1E-01
Tetrachloroethene	*2*	*2*	*6.5E-01*	*7.6E-01*	*8.7E-01*	*4*	*2*	*3.4E-01*	*1.8E+01*	*6.9E+01*	*23*	*11*	*3.4E-01*	*4.6E+00*	*2.9E+01*	*5*	*0*	*3.4E-01*	*3.4E-01*	*3.4E-01*
Toluene	*2*	*2*	*5.2E+00*	*7.9E+00*	*1.1E+01*	*4*	*4*	*6.2E-01*	*1.8E+01*	*7.0E+01*	*23*	*23*	*7.5E-01*	*8.3E+00*	*3.2E+01*	*5*	*5*	*6.3E-01*	*7.8E-01*	*9.1E-01*

Table 5-1
February 2010 Vapor Intrusion Investigation Summary Statistics
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

	Subslab					Crawl Space					Indoor Air					Ambient				
ANALYTE	**No. of Samples**	**No. of Detects**	**Minimum Concentration [µg/m^3]**	**Average Concentration [µg/m^3]**	**Maximum Concentration [µg/m^3]**	**No. of Samples**	**No. of Detects**	**Minimum Concentration [µg/m^3]**	**Average Concentration [µg/m^3]**	**Maximum Concentration [µg/m^3]**	**No. of Samples**	**No. of Detects**	**Minimum Concentration [µg/m^3]**	**Average Concentration [µg/m^3]**	**Maximum Concentration [µg/m^3]**	**No. of Samples**	**No. of Detects**	**Minimum Concentration [µg/m^3]**	**Average Concentration [µg/m^3]**	**Maximum Concentration [µg/m^3]**
trans-1,3-Dichloropropene	2	0	2.3E-01	2.3E-01	2.3E-01	4	0	2.3E-01	2.3E-01	2.3E-01	23	0	2.3E-01	2.3E-01	2.3E-01	5	0	2.3E-01	2.3E-01	2.3E-01
Trichloroethene	**2**	**1**	**2.7E-01**	**3.9E+00**	**7.6E+00**	**4**	**2**	**2.7E-01**	**1.7E+00**	**6.0E+00**	**23**	**5**	**2.7E-01**	**3.6E-01**	**1.3E+00**	**5**	**0**	**2.7E-01**	**2.7E-01**	**2.7E-01**
Trichlorofluoromethane	*2*	*2*	*1.2E+00*	*1.3E+00*	*1.3E+00*	*4*	*4*	*1.3E+00*	*2.9E+00*	*6.0E+00*	*23*	*23*	*1.1E+00*	*1.4E+00*	*2.0E+00*	*5*	*5*	*1.1E+00*	*1.3E+00*	*1.5E+00*
Vinyl chloride	**2**	**0**	**1.3E-01**	**1.3E-01**	**1.3E-01**	**4**	**1**	**1.3E-01**	**1.4E-01**	**1.9E-01**	**23**	**0**	**1.3E-01**	**1.3E-01**	**1.3E-01**	**5**	**0**	**1.3E-01**	**1.3E-01**	**1.3E-01**

Notes:
Italicized : VOCs detected in ambient air samples.
BOLDED : Site-related chemicals of concern.

Table 5-2
Summary of Concentrations that Exceed the Minimum Screening Level[a]
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Samples Collected in the Off-site Area of Concern						Background Indoor Air Concentrations Measured in North American Residences Since 1990[b]							
Sample Type	**Location in Building**	**ANALYTE**	**No. of Samples**	**No of Samples with a Detected Concentration**	**No of Samples with a Detected Concentration Greater Than Minimum Screening Level**	**Minimum Detected Concentration Greater than Min. SL [µg/m³]**	**Average Detected Concentration Greater than Min. SL [µg/m³]**	**Maximum Detected Concentration Greater than Min. SL [µg/m³]**	**Percent Detects**	**25th Percentile**	**50th Percentile**	**95th Percentile**	**Minimum (USEPA RSL and IDEM SL) Screening Level [µg/m³]**	**Ratio of Minimum Detected Concentration to Minimum Screeing Level**	**Ratio of Average Detected Concentration to Minimum Screeing Level**	**Ratio of Maximum Detected Concentration to Minimum Screeing Level**
Ambient	Ambient	Acrolein	5	3	3	0.17	0.22	0.26					0.009	18.8	25.1	28.8
Crawl Space	Crawl Space	1,2,4-Trimethylbenzene	4	4	1	13.77	13.77	13.77					2.7	5.2	5.2	5.2
		1,3,5-Trimethylbenzene	4	2	1	3.60	3.60	3.60					2.7	1.4	1.4	1.4
		1,4-Dichlorobenzene	4	2	2	1.61	1.62	1.64					0.2	7.3	7.3	7.4
		Acrolein	4	1	1	0.19	0.19	0.19					0.009	21.1	21.1	21.1
		Benzene	4	4	4	0.54	6.88	25.75					0.3	1.7	22.0	82.5
		Bromodichloromethane	4	1	1	1.08	1.08	1.08					0.07	16.4	16.4	16.4
		Chloroform	4	4	4	0.41	1.74	4.22					0.1	3.9	16.4	39.8
		Ethylbenzene	4	4	1	13.50	13.50	13.50					1.0	13.9	13.9	13.9
		m,p-Xylene	4	2	1	46.27	46.27	46.27					6.3	7.4	7.4	7.4
		Tetrachloroethene	4	2	2	2.54	35.52	68.50					0.4	6.2	86.2	
		Trichloroethene	**4**	**2**	**1**	**5.96**	**5.96**	**5.96**					**1.2**	**4.9**	**4.9**	**4.9**
Indoor Air	1st Floor	Acrolein	1	1	1	0.79	0.79	0.79	na	na	na	na	0.009	88.2	88.2	88.2
		Chloroform	1	1	1	1.45	1.45	1.45	73	0.5	1.1	6.0	0.1	13.6	13.6	13.6
	Basement	1,2,4-Trimethylbenzene	8	8	2	2.69	3.90	5.11	na	na	na	na	2.7	1.0	1.5	1.9
		1,3-Butadiene	8	4	4	0.22	1.26	4.16	na	na	na	na	0.08	2.7	15.6	51.3
		1,4-Dichlorobenzene	8	1	1	5.24	5.24	5.24	na	na	na	na	0.2	23.7	23.7	23.7
		Acrolein	8	6	6	0.24	1.12	2.93	na	na	na	na	0.009	27.0	126.1	329.1
		Benzene	8	8	8	0.50	2.64	9.52	87	1.9	2.5	17.0	0.3	1.6	8.5	30.5
		Chloroform	8	7	7	0.44	0.85	1.55	73	0.5	1.1	6.0	0.1	4.2	8.0	14.6
		m,p-Xylene	8	5	2	14.18	19.01	23.84	90	2.9	5.5	41.0	6.3	2.3	3.0	3.8
		Tetrachloroethene	8	3	3	4.80	12.42	26.86	64	<RL	0.9	7.4	0.4	11.6	30.1	65.2
	Living Quarters	1,2,4-Trimethylbenzene	14	14	2	3.21	4.40	5.60	na	na	na	na	2.7	1.2	1.7	2.1
		1,2-Dichloroethane	14	6	6	0.27	0.74	1.97	na	na	na	na	0.09	2.8	7.9	21.0
		1,3-Butadiene	14	7	7	0.19	2.48	9.51	na	na	na	na	0.08	2.3	30.6	117.3
		1,4-Dichlorobenzene	14	3	3	0.42	5.69	15.69	na	na	na	na	0.2	1.9	25.7	71.0
		1-Butanol	14	9	1	32.74	32.74	32.74	na	na	na	na	4.1	8.0	8.0	8.0
		Acrolein	14	14	14	0.71	2.39	8.83	na	na	na	na	0.009	79.5	268.5	990.0
		Benzene	14	14	14	0.71	3.76	13.64	87	1.9	2.5	17.0	0.3	2.3	12.0	43.7
		Bromodichloromethane	14	7	7	0.37	0.54	0.95	na	na	na	na	0.066	5.6	8.2	14.5
		Chloroform	14	14	14	0.42	1.56	3.77	73	0.5	1.1	6.0	0.1	4.0	14.7	35.6
		m,p-Xylene	14	12	3	18.13	26.31	34.57	90	2.9	5.5	41.0	6.3	2.9	4.2	5.5
		Propanal	14	14	2	6.08	16.34	26.61	na	na	na	na	3.6	1.7	4.6	7.4
		Tetrachloroethene	14	7	6	0.71	10.70	29.44	64	<RL	0.9	7.4	0.4	1.7	26.0	71.4
		Trichloroethene	**14**	**3**	**1**	**1.27**	**1.27**	**1.27**	**44**	**<RL**	**0.3**	**1.6**	**1.2**	**1.04**	**1.04**	**1.04**
Subslab	Subslab	Acrolein	2	2	2	0.53	0.59	0.66					0.089	5.9	6.6	7.4

Notes:
USEP RSL : United States Environmental Protection Agency Regional Screening Level
IDEM SL : Indiana Department of Environmental Management Screening Level
a : Minimum Screening Level is the minimum of the USEPA RSL and IDEM SL values (indoor air, crawlspace, or subslab).
b : Dawson, H.E. and McAlary, T. *A Compilation of Statistics for VOCs from Post-1990 Indoor Air Concentration Studies in North American Residences Unaffected by Subsurface Vapor Intrusion*. Ground Water Monitoring & Remediation, Vol. 29, No. 1., pp. 60-69.
BOLDED : Site-related chemicals of concern.

Table 5-3
Source Evaluation for Analytes Detected in Indoor Air
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Analyte	Ratio of Average Indoor Air Detected Concentration and Average Ambient Air Detetected Concentration	Common Non-Industrial Uses[1]	Possible Indoor or Subsurface Source?	Petrolum Hydrocarbon	Detected in On-site Sediment Samples?	Detected in On-site Groundwater Samples?	Site-Related COC based on Site Investigations?	Exceeds Indoor Air Screening Level?	Potential Vapor Intrusion Concern?
1,1,2-Trichloro-1,2,2-Trifluoroethane	1	Regrigerant, aerosol propellant.	--	No	No	No	No	No	No
1,1,2-Trichloroethane	ND in INDOOR AIR	Industrial solvent. Chemical manufacturing.	--	No	No	No	No	No	No
1,1-Dichloroethene	ND in INDOOR AIR	1,1-DCE was the precursor to the original cling-wrap for food, but this application has been phased out.	--	No	No	No	No	No	No
1,2,3-Trimethylbenzene	ND in AMBIENT AIR	Dissolved in mineral oil is used as a liquid scintillator. It is also used as a sterilizing agent and in the manufacture of dyes, perfumes, and resins. Another major use is as a gasoline additive. Results from combustion.	Yes	Yes	No	No	No	No	No
1,2,4-Trimethylbenzene	4	Dissolved in mineral oil is used as a liquid scintillator. It is also used as a sterilizing agent and in the manufacture of dyes, perfumes, and resins. Another major use is as a gasoline additive. Results from combustion.	--	Yes	No	No	No	Yes	No
1,2-Dichloroethane	ND in AMBIENT AIR	Major precursor for PVC production. Degreaser. Paint remover.	Yes	No	No	No	No	Yes	No
1,3,5-Trimethylbenzene	2	Dissolved in mineral oil is used as a liquid scintillator. It is also used as a sterilizing agent and in the manufacture of dyes, perfumes, and resins. Another major use is as a gasoline additive. Results from combustion.	--	Yes	No	No	No	No	No
1,3-Butadiene	ND in AMBIENT AIR	Synthetic rubber (automobile tires).	Yes	Yes	No	No	No	Yes	No
1,4-Dichlorobenzene	ND in AMBIENT AIR	Some deodorizers, disinfectants, pesticides	Yes	Yes	No	No	No	Yes	No
1-Butanol	ND in AMBIENT AIR	n-Butanol occurs naturally as a minor product of the fermentation of sugars and other carbohydrates, and is present in many foods and beverages.It is also a permitted artificial flavorant in the United States,] used in butter, cream, fruit, rum, whiskey, ice cream and ices, candy, baked goods and cordials.] It is also used in a wide range of consumer products. The largest use of n-butanol is as an industrial intermediate, particularly for the manufacture of butyl acetate (itself an artificial flavorant and industrial solvent).	Yes	Yes	No	No	No	Yes	No
1-Propanol	ND in AMBIENT AIR	Hair spray. Used as a solvent in the pharmaceutical industry, and for resins and cellulose esters. It is formed naturally in small amounts during many fermentation processes.	Yes	Yes	No	No	No	No	No
2-Hexanone	ND in AMBIENT AIR	Once used in the past in paint and paint thinner, to make other chemical substances, and to dissolve oils and waxes.	Yes	Yes	No	No	No	No	No
2-Pentanone	ND in AMBIENT AIR	Sometimes used in very small amounts as a flavoring food additive.	Yes	Yes	No	No	No	No	No
2-Propanol	ND in AMBIENT AIR	Isopropyl alcohol. Used as comment household cleanear and solvent.	Yes	Yes	No	No	No	No	No
3-Pentanone	ND in AMBIENT AIR	Chemical industry.	Yes	Yes	No	No	No	No	No
4-Methyl-2-pentanone	2	Used as a solvent for nitrocellulose, lacquers, and certain polymers and resins.	--	Yes	No	No	No	No	No
Acetone	3	Nail polish remover	--	Yes	Yes	Yes	No	No	No
Acetonitrile	18	Nail polish remover	Yes	Yes	No	No	No	No	No
Acrolein	9	Tobacco cigarettes; contact herbicides (irrigation canals)	Yes	Yes	No	No	No	Yes	No
Benzene	5	Gasoline constituent. Because it is a known carcinogen, its use as an additive in gasoline is now limited, but it is an important industrial solvent and precursor in the production of drugs, plastics, synthetic rubber, and dyes. Benzene is a natural constituent of crude oil, and may be synthesized from other compounds present in petroleum.	Yes	Yes	No	No	No	Yes	No

Table 5-3
Source Evaluation for Analytes Detected in Indoor Air
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Analyte	Ratio of Average Indoor Air Detected Concentration and Average Ambient Air Detetected Concentration	Common Non-Industrial Uses[1]	Possible Indoor or Subsurface Source?	Petrolum Hydrocarbon	Detected in On-site Sediment Samples?	Detected in On-site Groundwater Samples?	Site-Related COC based on Site Investigations?	Exceeds Indoor Air Screening Level?	Potential Vapor Intrusion Concern?
Benzyl chloride	ND in INDOOR AIR	Industrial (plasticizer, flavorants, and perfumes) and pharmaceutical uses.	--	Yes	No	No	No	No	No
Bromodichloromethane	ND in AMBIENT AIR	Formerly used as a flame retardant, solvent for fats and waxes and because of its high density for mineral separation. Now it is only used as a reagent or intermediate in organic chemistry.	Yes	No	No	No	No	Yes	No
Bromoform	ND in AMBIENT AIR	In the past, it was used as a solvent, sedative and flame retardant, but now it is mainly used as a laboratory reagent	Yes	No	No	No	No	No	No
Carbon disulfide	1	Chemical industry solvent.	--	No	No	No	No	No	No
Carbon tetrachloride	1	Refrigerant manufacture (being phased out). Formerly used in dry cleaning solvents,fire extinguishers and pesticides.	--	No	No	No	No	No	No
Chlorobenzene	ND in INDOOR AIR	Herbicide, dyestuffs, and rubber manufacture. No longer used in pesticide manufacture.	--	No	No	No	No	No	No
Chlorodifluoromethane	2	Refrigerant.	--	No	No	No	No	No	No
Chloroethane	ND in AMBIENT AIR	Component in paints, cosmetics, and similar products.Once used a gasoline additive.	Yes	No	No	No	No	No	No
Chloroform	ND in AMBIENT AIR	Teflon manufacture. Refrigerant.	Yes	No	No	No	No	Yes	No
Chloromethane	2	Refrigerant (no longer used). Lead-based gasoline additive (no longer used). Silicone manufacture. Herbicide. Extractant for greases, oils and resins, as a propellant and blowing agent in polystyrene foam production, as a local anesthetic, as an intermediate in drug manufacturing.	--	No	No	No	No	No	No
cis-1,2-Dichloroethene	**ND in AMBIENT AIR**	**Solvent for waxes, resins, polymers, fats, and lacquers.**	**Yes**	**No**	**Yes**	**Yes**	**Yes**	**No**	**Yes**
Cyclohexane	ND in AMBIENT AIR	Nylon production.	Yes	Yes	No	No	No	No	No
Cyclopentane	4	Manufacture of synthetic resins and rubber adhesives. Blowing agent for polyurethane foam (refrigerators/freezers).	--	Yes	No	No	No	No	No
Dichlorodifluoromethane	2	Refrigerant and aerosol spray propellant (not used in US since 1994).	--	No	No	No	No	No	No
Ethylbenzene	6	Minor fuel component. Styrene production.	Yes	Yes	No	No	No	No	No
Isobutene	13	Gasoline constituent (oxygenates).	Yes	Yes	No	No	No	No	No
Isoprene	ND in AMBIENT AIR	Natural or synthetic rubber.	Yes	Yes	No	No	No	No	No
m,p-Xylene	ND in AMBIENT AIR	Gasoline constituent. Paint thinner. Often used as a solvent and in the printing, rubber, and leather industries.	Yes	Yes	No	No	No	Yes	No
Methacrolein	5	Cigarettes	Yes	Yes	No	No	No	No	No
Methyl ethyl ketone	5	Lacquer, varnishes, paint remover, denatured alcohol, glues, cleaning agent, dry erase markers.	Yes	No	No	No	No	No	No
Methyl vinyl ketone	ND in AMBIENT AIR	Plastic polymers	--	Yes	No	No	No	No	No
Methylene chloride	2	Solvent, paint stripper, degreaser. Aerosol spray propellant.	--	Yes	Yes	Yes	No	No	No
n-Hexane	6	Gasoline constituent. Touchscreen cleaners. Food/grain processing (oil extractant).	Yes	Yes	No	No	No	No	No
o-Xylene	5	Gasoline constituent. Paint thinner. Often used as a solvent and in the printing, rubber, and leather industries.	Yes	Yes	No	No	No	No	No
Pentane	6	Fuel component. Laboratory solvent. Blowing agents for polystyrene foam.	Yes	Yes	No	No	No	No	No
Propanal	3	Resin synthesis.	--	Yes	No	No	No	Yes	No
Propene	10	Plastic polymers manufacture.	Yes	Yes	No	No	No	No	No

Table 5-3
Source Evaluation for Analytes Detected in Indoor Air
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Analyte	Ratio of Average Indoor Air Detected Concentration and Average Ambient Air Detetected Concentration	Common Non-Industrial Uses[1]	Possible Indoor or Subsurface Source?	Petrolum Hydrocarbon	Detected in On-site Sediment Samples?	Detected in On-site Groundwater Samples?	Site-Related COC based on Site Investigations?	Exceeds Indoor Air Screening Level?	Potential Vapor Intrusion Concern?
Styrene	ND in AMBIENT AIR	Synthetic rubber and polymers (used in rubber, plastic, insulation, fiberglass, pipes, automobile and boat parts, food containers, and carpet backing).	--	Yes	No	No	No	No	No
Tetrachloroethene	ND in AMBIENT AIR	Dry cleaning solvent, degreasser, paint strippers, and spot removers.	--	No	No	No	No	Yes	No
Toluene	11	Gasoline consituent (incl. octane booster). Common solvent (paints, paint thinners, silicone sealants, many chemical reactants, rubber, printing ink, adhesives (glues), lacquers, leather tanners, and disinfectants).	Yes	Yes	No	No	No	No	No
Trichloroethene	**ND in AMBIENT AIR**	**Degreaser.Solvent (organic materials).**	**--**	**No**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Trichlorofluoromethane	1	Refrigerant (not used since 1995).	--	No	No	No	No	No	No
Vinyl chloride	ND in AMBIENT or INDOOR AIR	Polymer PVC materials.	--	No	Yes	Yes	Yes	No	No

Notes:
ND: Not Detected
[1]Wikipedia.org (June 2010)

Table 6-1
Historical Off-Site Tetrachloroethylene Soil Gas and Indoor Air Sampling Results
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Sample Location Type	Number of Detections	Number of Samples	Minimum PCE Concentration [µg/m^3]	Maximum PCE Concentration [µg/m^3]	Minimum PCE Screening Level [µg/m^3]
Living Quarters	11	14	0.35	29	0.4
Basement	5	8	0.6	27	0.4
Crawlspace	3	4	0.79	69	0.4
Subslab	2	2	0.65	0.87	4.1
Soil Gas[a]	3	13	6.1	9.3	41

Notes:
a : Soil gas samples were collected adjacent to the quarry and have not been collected near many of the residences where PCE has been detected in interior vapor samples.

Figures

Figure 2-1
Offsite Area of Concern

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Figure 3-1
Locations where Chlorinated VOCs were Detected in Soil Gas (2003)

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

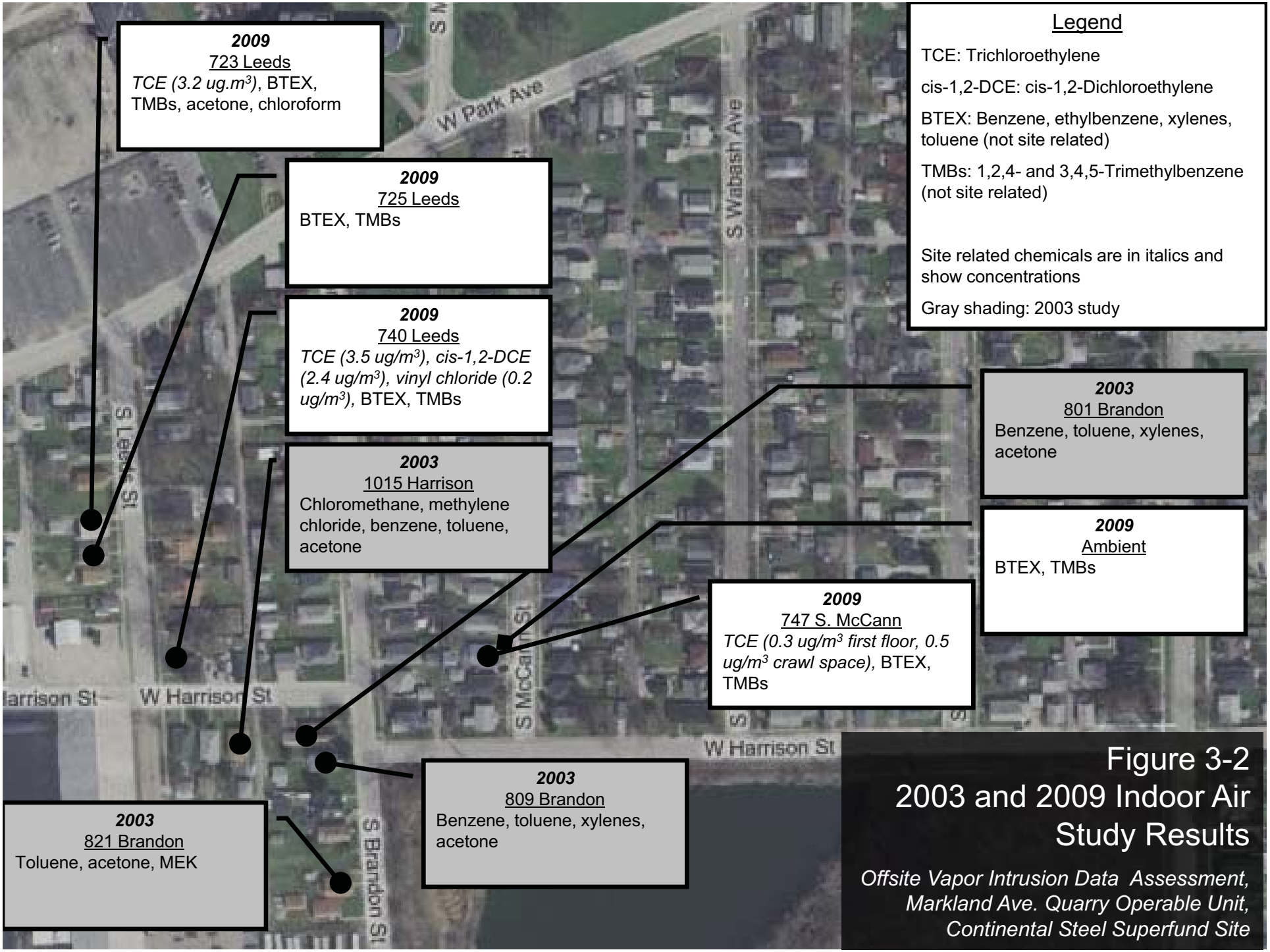


Figure 3-2
2003 and 2009 Indoor Air Study Results

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

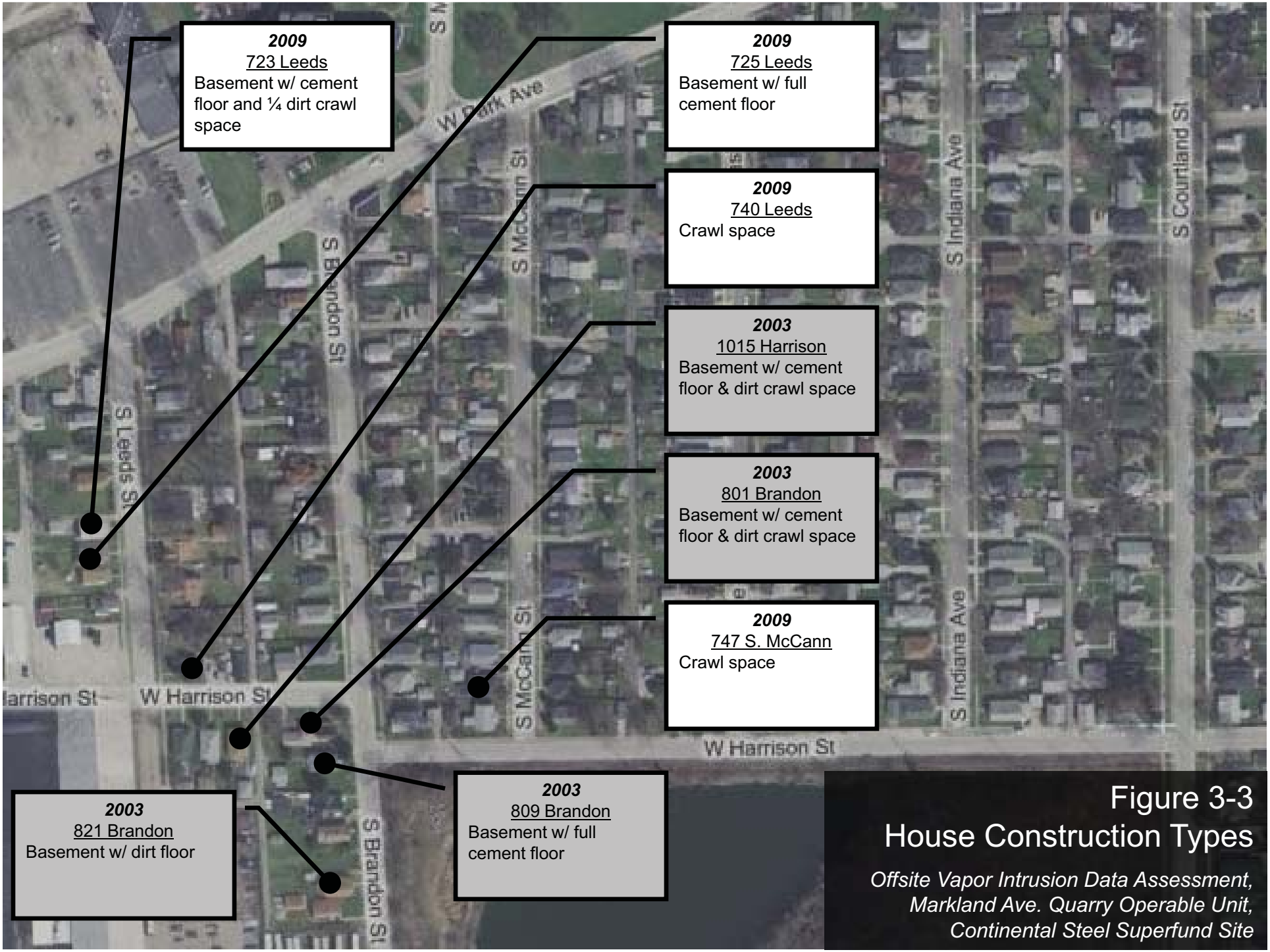


Figure 3-3
House Construction Types

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

UA-109
VC 2 ug/l
cis 130 ug/l
TCE 500 ug/l

IA-109
VC 6 ug/l
cis 3200 ug/l
TCE 10 ug/l

LA-109
cis 400 ug/l
TCE 14 ug/l

IA-125
cis 51 ug/l
trans 4 ug/l
TCE 20 ug/l

UA-028
VC 36 ug/l
cis 300 ug/l
trans 2 ug/l
TCE 440 ug/l
PCE 680 ug/l

UA-110
cis 3 ug/ll

IA-110
VC 1 ug/l
cis 37 ug/l
trans 4 ug/l
TCE 19 ug/l

LA-110
VC 9 ug/l
cis 1100 ug/l
trans 9 ug/L
TCE 1 ug/l

UA-108
cis 25 ug/l
TCE 54 ug/l

UA-111
VC 1800 ug/l
cis 2700 ug/l
trans 11 ug/l
TCE 69 ug/l

IA-111
VC 100 ug/l
cis 3500 ug/l
trans 55 ug/l
TCE 5 ug/l

LA-111
cis 17 ug/l

Legend

VC: Vinyl chloride

cis: cis-1,2-Dichloroethylene

trans: trans-1,2-Dichloroethylene

TCE: Trichloroethylene

PCE: Tetrachloroethylene

Figure 3-4
2001 Groundwater Sampling Results for Site-related Chemicals

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

IA-109
VC 130 ug/l
cis 300 ug/l
TCE 17 ug/l

LA-109
VC 0.68 ug/l
cis 16 ug/l
TCE 0.39 ug/l

Detected in indoor air sample in June 2009:

TCE 0.334 ug/m^3 (1st floor)
TCE 0.488 ug/m^3 (crawlspace)

UA-028
VC 11 ug/l
cis 61 ug/l
TCE 27 ug/l
PCE 89 ug/l

IA-125
cis13 ug/l
trans 1.7 ug/l
TCE 5.4 ug/l

LA-125
cis 1.8 ug/l
TCE 2.1 ug/l

Detected in indoor air sample in June 2009:

TCE 3.22 ug/m^3 (1st floor)
TCE 0.71 ug/m^3 (basement)

Detected in indoor air sample in June 2009:

VC 0.217 ug/m^3
TCE 3.462 ug/m^3
cis 2.371 ug/m^3

LA-108
VC 0.34 ug/l
cis 8.4 ug/l
TCE 2 ug/l

UA-001
Clean

IA-110
VC 46 ug/l
cis 54 ug/l
trans 0.25 ug/l
TCE 7.6 ug/l

LA-110
cis 33 ug/l
trans 0.66 ug/l

IA-111
VC 39 ug/l
cis 380 ug/l
TCE 11 ug/l
CS2 5.1 ug/l

LA-111
VC 1.1 ug/l
cis 9.7 ug/l
TCE 2.3 ug/l

Legend

VC: Vinyl chloride
cis: cis-1,2-Dichloroethylene
trans: trans-1,2-Dichloroethylene
TCE: Trichloroethylene
PCE: Tetrachloroethylene
CS2: Carbon disulfide

Figure 3-5

2009 Groundwater Sampling Results for Site-related Chemicals *Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site*

Figure 4-1
February 2010 VI Investigation Locations

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

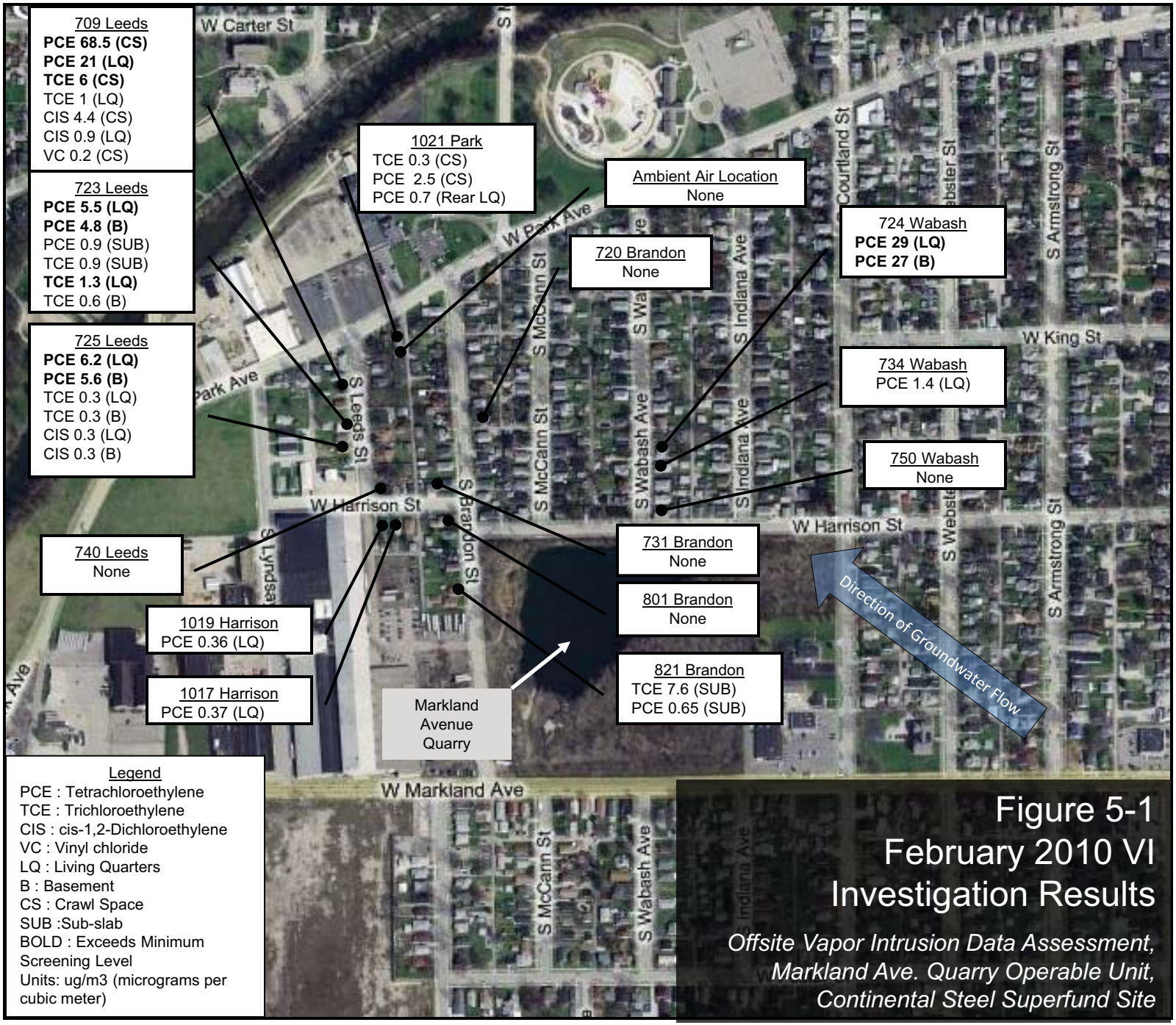


Figure 5-1
February 2010 VI Investigation Results

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

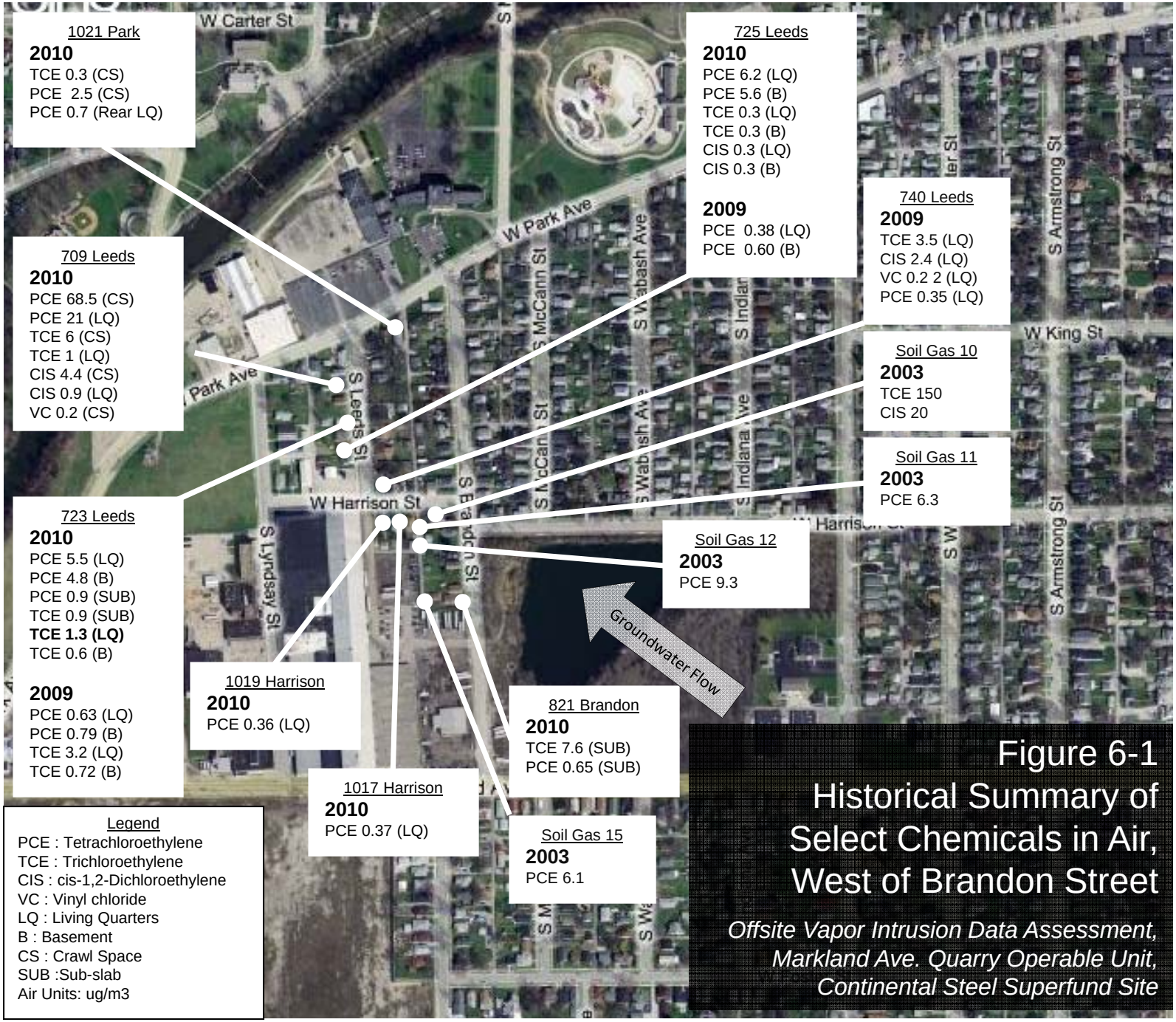
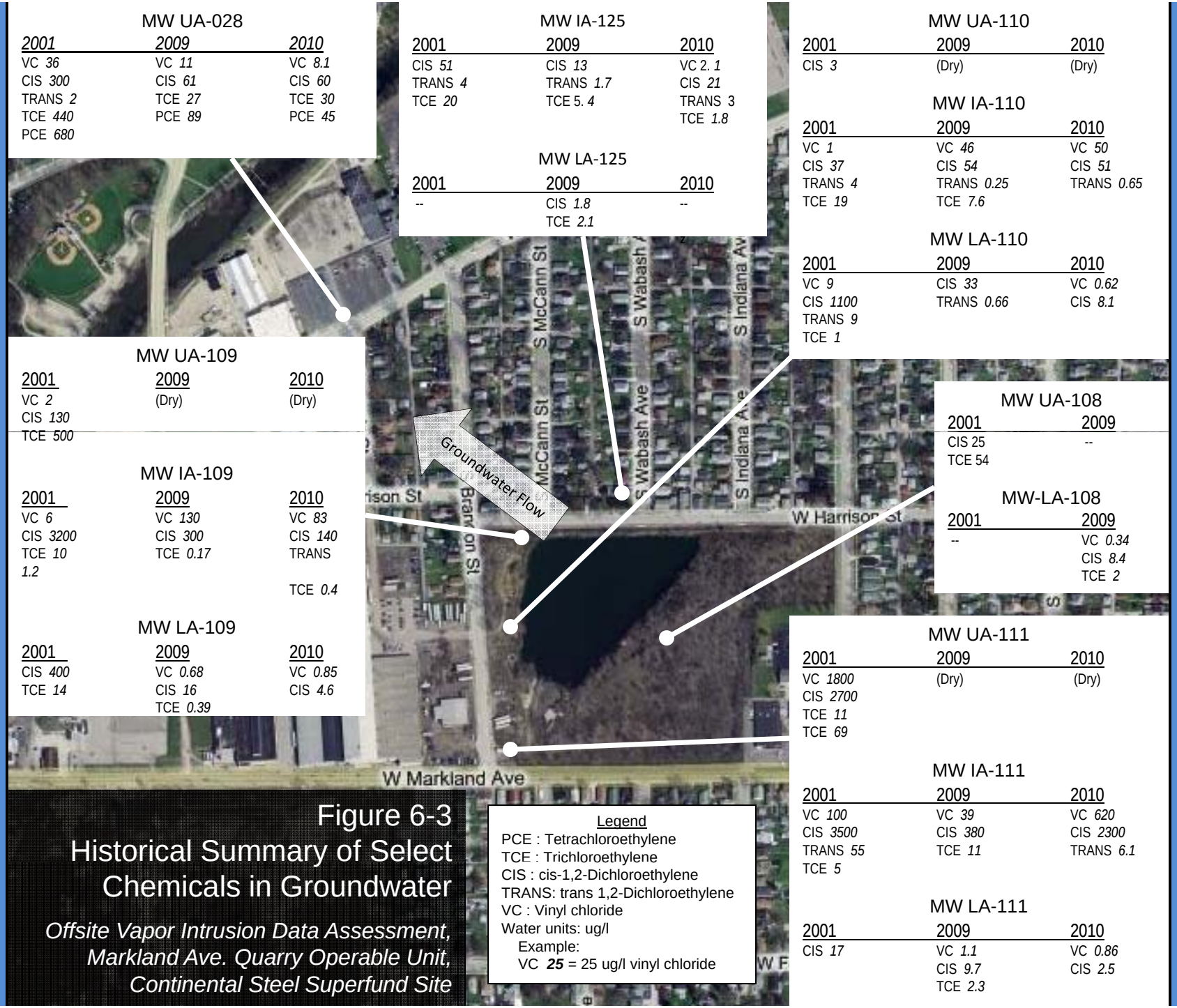


Figure 6-1
Historical Summary of Select Chemicals in Air, West of Brandon Street

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Figure 6-2
Historical Summary of Select Chemicals in Air, East of Brandon Street

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site



MW UA-028

2001	2009	2010
VC 36	VC 11	VC 8.1
CIS 300	CIS 61	CIS 60
TRANS 2	TCE 27	TCE 30
TCE 440	PCE 89	PCE 45
PCE 680		

MW IA-125

2001	2009	2010
CIS 51	CIS 13	VC 2. 1
TRANS 4	TRANS 1.7	CIS 21
TCE 20	TCE 5. 4	TRANS 3
		TCE 1.8

MW LA-125

2001	2009	2010
--	CIS 1.8	--
	TCE 2.1	

MW UA-110

2001	2009	2010
CIS 3	(Dry)	(Dry)

MW IA-110

2001	2009	2010
VC 1	VC 46	VC 50
CIS 37	CIS 54	CIS 51
TRANS 4	TRANS 0.25	TRANS 0.65
TCE 19	TCE 7.6	

MW LA-110

2001	2009	2010
VC 9	CIS 33	VC 0.62
CIS 1100	TRANS 0.66	CIS 8.1
TRANS 9		
TCE 1		

MW UA-109

2001	2009	2010
VC 2	(Dry)	(Dry)
CIS 130		
TCE 500		

MW IA-109

2001	2009	2010
VC 6	VC 130	VC 83
CIS 3200	CIS 300	CIS 140
TCE 10	TCE 0.17	TRANS
1.2		
		TCE 0.4

MW LA-109

2001	2009	2010
CIS 400	VC 0.68	VC 0.85
TCE 14	CIS 16	CIS 4.6
	TCE 0.39	

MW UA-108

2001	2009
CIS 25	--
TCE 54	

MW-LA-108

2001	2009
--	VC 0.34
	CIS 8.4
	TCE 2

MW UA-111

2001	2009	2010
VC 1800	(Dry)	(Dry)
CIS 2700		
TCE 11		
TCE 69		

MW IA-111

2001	2009	2010
VC 100	VC 39	VC 620
CIS 3500	CIS 380	CIS 2300
TRANS 55	TCE 11	TRANS 6.1
TCE 5		

MW LA-111

2001	2009	2010
CIS 17	VC 1.1	VC 0.86
	CIS 9.7	CIS 2.5
	TCE 2.3	

Legend

PCE : Tetrachloroethylene
TCE : Trichloroethylene
CIS : cis-1,2-Dichloroethylene
TRANS: trans 1,2-Dichloroethylene
VC : Vinyl chloride
Water units: ug/l
Example:
VC ***25*** = 25 ug/l vinyl chloride

Figure 6-3
Historical Summary of Select Chemicals in Groundwater

Offsite Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Attachment 1

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-IA 002-01
Sample No. 03CP12-02 — **Indoor Air**
Sample Date: 06/16/2003

Compound	Reporting Limits (ppbv)	Reporting Limits (µG/m³)	Concentrations in Air (ppbv)	Concentrations in Air (µG/m³)	Adjusted Concentration[1] In Air (µG/m³)	Reference Concentration[2] ("Air Quality Standard") (µG/m³)	Is Air Quality Standard Exceeded?	Note
Toluene	0.8	3.1	**9.8**	**38**	38	400	No	2
Acetone	3.2	7.8	**8.9**	**21**	21	350	No	2
2-Butanone (MEK)	3.2	9.6	**4.9**	**14**	14	1000	No	2

General Comments: Basement has dirt floor, wet/muddy. **Observations:** Basement has sump. paint cans stored, not opened recently. A can of "Car Car" is open - VOCs not suspected. **Area:** ~930 sq ft, basement vol ~6050 cu ft. **Location:** Samples collected in NW corner of house in separage room around corner from sump; other VOC sources not suspected.

Station Location: CSS-IA 003-01
Sample No. 03CP12-03 — **Indoor Air**
Sample Date: 06/17/2003

Compound	Reporting Limits (ppbv)	Reporting Limits (µG/m³)	Concentrations in Air (ppbv)	Concentrations in Air (µG/m³)	Adjusted Concentration[1] In Air (µG/m³)	Reference Concentration[2] ("Air Quality Standard") (µG/m³)	Is Air Quality Standard Exceeded?	Note
Chloromethane	0.88	1.8	**1.6**	**3.4**	3.4	2.4	Yes	3
Methylene Chloride	0.88	3.1	**1.1**	**3.9**	3.9	5.2	No	3
Benzene	0.88	2.8	**0.99**	**3.2**	3.2	0.31	Yes	3
Toluene	0.88	3.4	**1.4**	**5.2**	5.2	400	No	2
Acetone	3.5	8.4	**4.6**	**11**	11	350	No	2

General Comments: Cement floor with ~1 inch standing water in half of basement. No sump or major defects in foundation. **Observations:** No sources of volatiles suspected. Old paint can in wooden cabinet near southern wall. Can has not been opened "in years". **Area:** ~1125 sq ft, of which ~338 sq ft is crawl space. Volume (including crawl space) is ~6469 cu ft.. **Location:** Sample collected in area of standing water a little south of approximate center of house.

Station Location: CSS-IA 003FR-01 *Field Duplicate*
Sample No. 03CP12-42 — **Indoor Air**
Sample Date: 06/17/2003

Compound	Reporting Limits (ppbv)	Reporting Limits (µG/m³)	Concentrations in Air (ppbv)	Concentrations in Air (µG/m³)	Adjusted Concentration[1] In Air (µG/m³)	Reference Concentration[2] ("Air Quality Standard") (µG/m³)	Is Air Quality Standard Exceeded?	Note
Chloromethane	0.88	1.8	**1.6**	**3.4**	3.4	2.4	Yes	3
Benzene	0.88	2.8	**0.94**	**3.1**	3.1	0.31	Yes	3
Toluene	0.88	3.4	**1.3**	**5**	5	400	No	2
Acetone	3.5	8.4	**7.3**	**18**	18	350	No	2

Comments: See above.

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-IA 005-01								
Sample No. 03CP12-05			**Indoor Air**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.84	2.7	**1.9**	**6.3**	6.3	0.31	Yes	3
Toluene	0.84	3.2	**2.6**	**10**	10	400	No	2
m,p-Xylene	0.84	3.7	**1.1**	**4.8**	4.8	100	No	2,4
Acetone	3.4	8.1	**8.5**	**20**	20	350	No	2

General Comments: Cement floor in basement, with sump. **Observations:** Many paint cans stored in room along southern wall. All sealed and none opened recently (house is an estate). No VOC sources suspected. **Area:** ~1008 sq ft, volume ~6500 cu ft. **Location:** Sample collected in west half of house ~12' from sump near entrance to paint storage room.

Station Location: CSS-IA 006-01								
Sample No. 03CP12-06			**Indoor Air**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.8	2.6	**2**	**6.6**	6.6	0.31	Yes	3
Toluene	0.8	3.1	**3.7**	**14**	14	400	No	2
m,p-Xylene	0.8	3.6	**1.4**	**6.4**	6.4	100	No	2,4
Acetone	3.2	7.8	**8.6**	**21**	21	350	No	2

General comments: Cement floor in basement with dirt in large crawl space. Sump along west wall. **Observations:** 3 unopened cans latex paint, non-solvent cleaning agents. **Area:** basement area ~1008 sq ft, volume of basement ~6500 cu ft with dimensions of crawlspace unknown. **Location:** Samples collected ~3' from sump.

Station Location: CSS-IA 006 FR-01 *Field Duplicate*								
Sample No. 03CP12-08			**Indoor Air**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.8	2.6	**2**	**6.6**	6.6	0.31	Yes	3
Toluene	0.8	3.1	**3.7**	**14**	14	400	No	2
m,p-Xylene	0.8	3.6	**1.4**	**6.4**	6.4	100	No	2,4
Acetone	3.2	7.8	**9.8**	**24**	24	350	No	2

Comments: See above.

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 001-01								
Sample No. 03CP12-10			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.8	2.6	**1.6**	**5.2**	0.52	0.31	Yes	3
Toluene	0.8	3.1	**3**	**11**	1.1	400	No	2
m,p-Xylene	0.8	3.6	**1.2**	**5.1**	0.51	100	No	2,4
Acetone	3.2	7.8	**69**	**170**	17	350	No	2
2-Butanone (MEK)	3.2	9.6	**10**	**30**	3	1000	No	2
Comment: Depth Soil gas (Geoprobe) sample ~5.5 bgs, north side of Syndicate Sales parking lot ~13 ft south of fence.								

Station Location: CSS-SG 002-01								
Sample No. 03CP12-11			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Methylene Chloride	0.8	2.8	**1.3**	**4.7**	0.47	5.2	No	3
Benzene	0.8	2.6	**2.4**	**8**	0.8	0.31	Yes	3
Toluene	0.8	3.1	**5.4**	**21**	2.1	400	No	2
Ethyl Benzene	0.8	3.6	**2.1**	**1**	0.1	2.2	No	3
m,p-Xylene	0.8	3.6	**3.9**	**17**	1.7	100	No	2,4
o-Xylene	0.8	3.6	**1.7**	**7.5**	0.75	100	No	2,4
1,2,4-Trimethylbenzene	0.8	4	**1.9**	**9.5**	0.95	6.0	No	2
Acetone	3.2	7.8	**34**	**81**	8.1	350	No	2
2-Butanone (MEK)	3.2	9.6	**5.4**	**16**	1.6	1000	No	2
Comment: Soil Gas (Geoprobe) ~4.6' bgs, on west side of Brandon Street, in ROW								

Station Location: CSS-SG 003-01								
Sample No. 03CP12-12			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Methylene Chloride	0.84	3	**0.92**	**3.2**	0.32	5.2	No	3
Toluene	0.84	3.2	**0.91**	**3.5**	0.35	400	No	2
Acetone	3.4	8.1	**42**	**100**	10	350	No	2
2-Butanone (MEK)	3.4	10	**3.4**	**10**	1	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.5' bgs, in front yard of residence								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 004-01								
Sample No. 03CP12-13			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Methylene Chloride	0.79	2.8	**0.84**	**3**	0.3	5.2	No	3
Toluene	0.79	3	**1.4**	**5.2**	0.52	400	No	2
m,p-Xylene	0.79	3.5	**1.1**	**4.8**	0.48	100	No	2,4
1,2,4-Trimethylbenzene	0.79	3.9	**0.95**	**4.7**	0.47	6.0	No	2
Acetone	3.2	7.6	**130**	**310**	31	350	No	2
2-Butanone (MEK)	3.2	9.5	**18**	**55**	5.5	1000	No	2
Comment: Soil Gas (Geoprobe): ~3.0' bgs, in back yard of residence.								

Station Location: CSS-SG 005-01								
Sample No. 03CP12-14			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.76	2.5	**1.3**	**4.1**	0.41	0.31	Yes	3
Toluene	0.76	2.9	**1.7**	**6.5**	0.65	400	No	2
m,p-Xylene	0.76	3.4	**0.83**	**3.7**	0.37	100	No	2,4
Acetone	3	7.3	**100**	**240**	24	350	No	2
2-Butanone (MEK)	3	9.1	**11**	**32**	3.2	1000	No	2
Comment: Soil Gas (Geoprobe): ~4.0 ft bgs, in side yard north of the residence								

Station Location: CSS-SG 006-01								
Sample No. 03CP12-15			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Acetone	3.2	7.8	**240**	**590**	59	350	No	2
2-Butanone (MEK)	3.2	9.6	**28**	**82**	8.2	1000	No	2
Comment: Soil Gas (Geoprobe): ~4.5' bgs, on west side of Brandon Street, in ROW								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 007-01								
Sample No. 03CP12-16			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
Benzene	0.79	2.6	**2**	**6.5**	0.65	0.31	Yes	3
Toluene	0.79	3	**5.6**	**21**	2.1	400	No	2
Ethyl Benzene	0.79	3.5	**2.6**	**12**	1.2	2.21	No	3
m,p-Xylene	0.79	3.5	**2.9**	**13**	1.3	100	No	2,4
o-Xylene	0.79	3.5	**1.3**	**5.7**	0.57	100	No	2,4
1,2,4-Trimethylbenzene	0.79	3.9	**1.7**	**8.7**	0.87	6.0	No	2
Acetone	3.2	7.6	**130**	**300**	30	350	No	2
2-Butanone (MEK)	3.2	9.5	**12**	**37**	3.7	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.3' bgs, on west side of Brandon Street, in ROW								

Station Location: CSS-SG 008-01								
Sample No. 03CP12-17			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
Benzene	0.84	2.7	**4.3**	**14**	1.4	0.31	Yes	3
Toluene	0.84	3.2	**12**	**46**	4.6	400	No	2
Ethyl Benzene	0.84	3.7	**5.4**	**24**	2.4	2.21	Yes	3
m,p-Xylene	0.84	3.7	**7.5**	**33**	3.3	100	No	2,4
o-Xylene	0.84	3.7	**3.4**	**15**	1.5	100	No	2,4
1,3,5-Trimethylbenzene	0.84	4.2	**1.2**	**6.2**	0.62	6.0	No	2
1,2,4-Trimethylbenzene	0.84	4.2	**4.6**	**23**	2.3	6.0	No	2
Acetone	3.4	8.1	**150**	**360**	36	350	No	2
2-Butanone (MEK)	3.4	10	**19**	**58**	5.8	1000	No	2
2-Hexanone	3.4	14	**8.9**	**37**	3.7	-- See note --		5
Comment: Soil Gas (Geoprobe): ~3.5' bgs, on west side of Brandon Street, in ROW								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 009-01								
Sample No. 03CP12-18			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
Benzene	0.84	2.7	**3.3**	**11**	1.1	0.31	Yes	3
Toluene	0.84	3.2	**14**	**54**	5.4	400	No	2
Ethyl Benzene	0.84	3.7	**5**	**22**	2.2	2.21	No	3
m,p-Xylene	0.84	3.7	**5.3**	**23**	2.3	100	No	2,4
o-Xylene	0.84	3.7	**2**	**9.1**	0.91	100	No	2,4
1,3,5-Trimethylbenzene	0.84	4.2	**1.1**	**5.4**	0.54	6.0	No	2
1,2,4-Trimethylbenzene	0.84	4.2	**3.2**	**16**	1.6	6.0	No	2
Acetone	3.4	8.1	**140**	**330**	33	350	No	2
2-Butanone (MEK)	3.4	10	**20**	**60**	6	1000	No	2
Comment: Soil Gas (Geoprobe): ~3.5' bgs, on west side of Brandon Street, in ROW								

Station Location: CSS-SG 010-01								
Sample No. 03CP12-19			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
1,1-Dichloroethene	0.86	3.4	**7.8**	**32**	3.2	200	No	2
cis-1,2-Dichloroethene	0.86	3.4	**5.1**	**20**	2	35	No	2
1,1,1-Trichloroethane	0.86	4.7	**67**	**370**	37	2200	No	2
Benzene	0.86	2.8	**5.2**	**17**	1.7	0.31	Yes	3
Trichloroethene	0.86	4.7	**27**	**150**	15	0.02	Yes	3
Toluene	0.86	3.3	**12**	**45**	4.5	400	No	2
Ethyl Benzene	0.86	3.8	**4.4**	**20**	2	2.21	No	3
m,p-Xylene	0.86	3.8	**7.3**	**32**	3.2	100	No	2,4
o-Xylene	0.86	3.8	**3**	**13**	1.3	100	No	2,4
1,2,4-Trimethylbenzene	0.86	4.3	**2.4**	**12**	1.2	6.0	No	2
Acetone	3.4	8.2	**160**	**390**	39	350	No	2
2-Butanone (MEK)	3.4	10	**24**	**71**	7.1	1000	No	2
Comment: Soil Gas (Geoprobe): ~5' bgs (refusal), on south side of Harrison Street, in ROW								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 011-01								
Sample No. 03CP12-20			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
Benzene	0.86	2.8	**1.6**	**5.1**	0.51	0.31	Yes	3
Toluene	0.86	3.3	**2.1**	**8**	0.8	400	No	2
Tetrachloroethene	0.86	5.9	**0.92**	**6.3**	0.63	0.81	No	3
Acetone	3.4	8.2	**180**	**420**	42	350	No	2
2-Butanone (MEK)	3.4	10	**19**	**57**	5.7	1000	No	2
Comment: Soil Gas (Geoprobe): ~4.0' bgs, west side of alley behind Brandon St., south of Harrison St.								

Station Location: CSS-SG 012-01								
Sample No. 03CP12-21			**Soil Gas**		*Adjusted*	*Reference*	*Is*	
Sample Date: 06/17/2003					*Concentration* [1]	*Concentration* [2]	*Air*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*("Air Quality*	*Quality*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*Standard")* *(µG/m³)*	*Standard* *Exceeded?*	*Note*
Benzene	0.82	2.7	**5.2**	**17**	1.7	0.31	Yes	3
Toluene	0.82	3.1	**25**	**95**	9.5	400	No	2
Tetrachloroethene	0.82	5.6	**1.3**	**9.3**	0.93	0.81	Yes	3
Ethyl Benzene	0.82	3.6	**10**	**45**	4.5	2.21	Yes	3
m,p-Xylene	0.82	3.6	**13**	**57**	5.7	100	No	2,4
o-Xylene	0.82	3.6	**5.3**	**23**	2.3	100	No	2,4
1,3,5-Trimethylbenzene	0.82	4.1	**3.5**	**17**	1.7	6.0	No	2
1,2,4-Trimethylbenzene	0.82	4.1	**10**	**53**	5.3	6.0	No	2
Acetone	3.3	7.9	**120**	**280**	28	350	No	2
2-Butanone (MEK)	3.3	9.8	**16**	**50**	5	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.5' bgs, west side of alley behind Brandon St., south of Harrison St.								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 013-01								
Sample No. 03CP12-22			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.84	2.7	**1.5**	**4.9**	0.49	0.31	Yes	3
Toluene	0.84	3.2	**2.5**	**9.8**	0.98	400	No	2
m,p-Xylene	0.84	3.7	**0.86**	**3.8**	0.38	100	No	2,4
Acetone	3.4	8.1	**58**	**140**	14	350	No	2
2-Butanone (MEK)	3.4	10	**7.8**	**24**	2.4	1000	No	2
Comment: Soil Gas (Geoprobe): ~2.6 ft bgs, west side of alley behind Brandon St, south of Harrison St., SW corner								

Station Location: CSS-SG 014-01								
Sample No. 03CP12-23			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.79	2.6	**1.3**	**4.2**	0.42	0.31	Yes	3
Toluene	0.79	3	**3.5**	**14**	1.4	400	No	2
Ethyl Benzene	0.79	3.5	**1**	**4.4**	0.44	2.21	No	3
m,p-Xylene	0.79	3.5	**1.1**	**5.1**	0.51	100	No	2,4
Acetone	3.2	7.6	**54**	**130**	13	350	No	2
2-Butanone (MEK)	3.2	9.5	**3.6**	**11**	1.1	1000	No	2
Comment: Soil Gas (Geoprobe): ~3.25' bgs, west side of alley behind Brandon St., south of Harrison St.								

Station Location: CSS-SG 015-01								
Sample No. 03CP12-24			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
1,1,1-Trichloroethane	0.84	4.6	**1.7**	**9.4**	0.94	2200	No	2
Benzene	0.84	2.7	**0.95**	**3.1**	0.31	0.31	No	3
Toluene	0.84	3.2	**1.5**	**5.7**	0.57	400	No	2
Tetrachloroethene	0.84	5.8	**0.88**	**6.1**	0.61	0.81	No	3
Acetone	3.4	8.1	**48**	**120**	12	350	No	2
2-Butanone (MEK)	3.4	10	**5.5**	**16**	1.6	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.5 ft bgs, west side of alley behind Brandon St., south of Harrison St.								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 016-01 Sample No. 03CP12-25 Sample Date: 06/18/2003	**Soil Gas**				*Adjusted Concentration[1] In Air*	*Reference Concentration[2] ("Air Quality Standard")*	*Is Air Quality Standard Exceeded?*	
	Reporting Limits		***Concentrations in Air***					
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*		*Note*
Chloroform	0.78	3.8	**2.2**	**11**	1.1	0.11	Yes	3
Benzene	0.78	2.5	**0.77 J**	**2.5 J**	0.25	0.31	No	3
Toluene	0.78	3	**0.92**	**3.5**	0.35	400	No	2
Acetone	3.1	7.5	**51**	**120**	12	350	No	2
2-Butanone (MEK)	3.1	9.3	**11**	**33**	3.3	1000	No	2
Comment: Soil Gas (Geoprobe): ~ 4 ft bgs, east side of alley behind Brandon St., north of Harrison St.								

Station Location: CSS-SG 017-01 Sample No. 03CP12-26 Sample Date: 06/18/2003	**Soil Gas**				*Adjusted Concentration[1] In Air*	*Reference Concentration[2] ("Air Quality Standard")*	*Is Air Quality Standard Exceeded?*	
	Reporting Limits		***Concentrations in Air***					
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*		*Note*
Benzene	0.86	2.8	**4.4**	**14**	1.4	0.31	Yes	3
Toluene	0.86	3.3	**10**	**40**	4	400	No	2
Ethyl Benzene	0.86	3.8	**2.4**	**11**	1.1	2.2	No	3
m,p-Xylene	0.86	3.8	**8**	**35**	3.5	100	No	2,4
o-Xylene	0.86	3.8	**2.9**	**13**	1.3	100	No	2,4
1,2,4-Trimethylbenzene	0.86	4.3	**1.8**	**8.8**	0.88	6.0	No	2
Acetone	3.4	8.2	**110**	**260**	26	350	No	2
2-Butanone (MEK)	3.4	10	**23**	**68**	6.8	1000	No	2
Comment: Soil Gas (Geoprobe): ~2.6 ft bgs, between house and garage in gravel ROW on north side of Harrison St.								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 018-01								
Sample No. 03CP12-27			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Chloroform	0.94	4.6	**1.2**	**6.1**	0.61	0.11	Yes	3
Benzene	0.94	3	**4**	**13**	1.3	0.31	Yes	3
Toluene	0.94	3.6	**5.9**	**22**	2.2	400	No	2
Ethyl Benzene	0.94	4.1	**1.7**	**7.6**	0.76	2.2	No	3
m,p-Xylene	0.94	4.1	**3.9**	**17**	1.7	100	No	2,4
o-Xylene	0.94	4.1	**1.4**	**6.1**	0.61	100	No	2,4
1,2,4-Trimethylbenzene	0.94	4.7	**1.9**	**9.7**	0.97	6.0	No	2
Acetone	3.7	9	**51**	**120**	12	350	No	2
2-Butanone (MEK)	3.7	11	**7.3**	**22**	2.2	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.3 ft bgs on west side of Brandon St. in ROW								

Station Location: CSS-SG 019-01								
Sample No. 03CP12-28			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
1,1-Dichloroethene	0.86	3.4	**4.8**	**20**	2	200	No	2
Chloroform	0.86	4.2	**1.1**	**5.4**	0.54	0.11	Yes	3
1,1,1-Trichloroethane	0.86	4.7	**40**	**220**	22	2200	No	2
Benzene	0.86	2.8	**1.8**	**5.8**	0.58	0.31	Yes	3
Toluene	0.86	3.3	**3**	**11**	1.1	400	No	2
m,p-Xylene	0.86	3.8	**1.3**	**5.8**	0.58	100	No	2,4
Acetone	3.4	8.2	**95**	**230**	23	350	No	2
2-Butanone (MEK)	3.4	10	**12**	**37**	3.7	1000	No	2
Comment: Soil Gas (Geoprobe): ~2.9 ft bgs on east side of Brandon St. in ROW								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 020-01								
Sample No. 03CP12-29			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Chloroform	0.72	3.6	**0.77**	**3.8**	0.38	0.11	Yes	3
1,1,1-Trichloroethane	0.72	4	**1.9**	**10**	1	2200	No	2
Benzene	0.72	2.3	**1.3**	**4.4**	0.44	0.31	Yes	3
Toluene	0.72	2.8	**1.6**	**6.3**	0.63	400	No	2
Acetone	2.9	7	**110**	**280**	28	350	No	2
2-Butanone (MEK)	2.9	8.6	**19**	**58**	5.8	1000	No	2
Comment: Soil Gas (Geoprobe): ~5.7 ft bgs north side of Harrison St., between driveways in ROW								

Station Location: CSS-SG 021-01								
Sample No. 03CP12-30			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Chloroform	0.8	4	**1.1**	**5.6**	0.56	0.11	Yes	3
Benzene	0.8	2.6	**2.3**	**7.5**	0.75	0.31	Yes	3
Trichloroethene	0.8	4.4	**1.1**	**6.1**	0.61	0.02	Yes	3
Toluene	0.8	3.1	**5**	**19**	1.9	400	No	2
Ethyl Benzene	0.8	3.6	**3**	**13**	1.3	2.21	No	3
m,p-Xylene	0.8	3.6	**4.9**	**22**	2.2	100	No	2,4
o-Xylene	0.8	3.6	**2.4**	**11**	1.1	100	No	2,4
1,2,4-Trimethylbenzene	0.8	4	**2.6**	**13**	1.3	6.0	No	2
Acetone	3.2	7.8	**86**	**210**	21	350	No	2
2-Butanone (MEK)	3.2	9.6	**16**	**47**	4.7	1000	No	2
Comment: Soil Gas (Geoprobe): ~4.1 ft bgs north side of Harrison St., east of driveways in ROW								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-SG 022-01								
Sample No. 03CP12-31			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Chloroform	0.76	3.8	**4.4**	**22**	2.2	0.11	Yes	3
Benzene	0.76	2.5	**2.6**	**8.4**	0.84	0.31	Yes	3
Toluene	0.76	2.9	**6**	**23**	2.3	400	No	2
Ethyl Benzene	0.76	3.4	**2.7**	**12**	1.2	2.21	No	3
m,p-Xylene	0.76	3.4	**3.6**	**16**	1.6	100	No	2,4
o-Xylene	0.76	3.4	**1.8**	**8.2**	0.82	100	No	2,4
1,2,4-Trimethylbenzene	0.76	3.8	**2.1**	**10**	1	6.0	No	2
Acetone	3	7.3	**80**	**190**	19	350	No	2
2-Butanone (MEK)	3	9.1	**13**	**38**	3.8	1000	No	2
Comment: Soil Gas (Geoprobe): ~3.8 ft bgs east side of McCann St., north of private walk in ROW								

Station Location: CSS-SG 023-01								
Sample No. 03CP12-32			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.82	2.7	**2.8**	**9.2**	0.92	0.31	Yes	3
Toluene	0.82	3.1	**4.3**	**16**	1.6	400	No	2
m,p-Xylene	0.82	3.6	**0.97**	**4.3**	0.43	100	No	2,4
Acetone	3.3	7.9	**260**	**630**	63	350	No	2
2-Butanone (MEK)	3.3	9.8	**34**	**100**	10	1000	No	2
Comment: Soil Gas (Geoprobe): ~3.9 ft bgs, in yard between homes west of Brandon St.								

Station Location: CSS-SG 023 FR-01 *Field Duplicate*								
Sample No. 03CP12-39			**Soil Gas**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(µG/m³)*	***(ppbv)***	***(µG/m³)***	*(µG/m³)*	*(µG/m³)*	*Exceeded?*	*Note*
Benzene	0.8	2.6	**1.6**	**5.3**	0.53	0.31	Yes	3
Toluene	0.8	3.1	**3.2**	**12**	1.2	400	No	2
Acetone	3.2	7.8	**190**	**470**	47	350	No	2
2-Butanone (MEK)	3.2	9.6	**25**	**75**	7.5	1000	No	2
Comment: See above.								

Attachment 1, Table 1

June 2003 Indoor Air / Soil Gas Sampling (TO-14)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Station Location: CSS-FB 001-01								
Sample No. 03CP12-40			**Field Blank**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/17/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(μG/m³)*	***(ppbv)***	***(μG/m³)***	*(μG/m³)*	*(μG/m³)*	*Exceeded?*	*Note*
Acetone	3.4	8.1	**8.8**	**21**	*Field Blank not associated with study area.*			
Comment: Collected offsite ~15' from back parking lot of Signature Inn on Hwy 31, upwind of asphalt & highway, using								

Station Location: CSS-FB 002-01								
Sample No. 03CP12-41			**Field Blank**		*Adjusted*	*Reference Concentration* [2]	*Is Air*	
Sample Date: 06/18/2003					*Concentration* [1]	*("Air Quality*	*Quality*	
	Reporting Limits		***Concentrations in Air***		*In Air*	*Standard")*	*Standard*	
Compound	*(ppbv)*	*(μG/m³)*	***(ppbv)***	***(μG/m³)***	*(μG/m³)*	*(μG/m³)*	*Exceeded?*	*Note*
Toluene	0.84	3.2	**8.5**	**32**	*Field Blank not associated with study area.*			
Styrene	0.84	3.6	**2**	**8.9**				
1,3,5-Trimethylbenzene	0.84	4.2	**1.1**	**5.4**				
alpha-Chlorotoluene (Chlorobenzene)	0.84	4.4	**4.7**	**25**				
Acetone	3.4	8.1	**6.1**	**15**				
Comment: Collected offsite ~15' from back parking lot of Signature Inn on Hwy 31, upwind of asphalt & highway, using identical setup used for soilgas samples.								

1. **Adjusted Concentration:** Concentration x Attenuation Factor (0.1 for "soilgas to indoor air" intrusion; 1.0 for indoor air samples). Source - "*Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils*", EPA Office of Solid Waste and Emergency Response (OSWER), 2002
2. Target indoor air concentration for **non-carcinogenic endpoint toxicity**, by EPA 2002 guidance
3. Target indoor air concentration for **carcinogenic endpoint toxicity**, by EPA 2002 guidance
4. Reference Concentration (RfC) of 0.1 mg/m3 (100 ug/m3) used for target indoor air concentration. This closely matches the Region 9 Risk Based Concentration of 109.5 ug/m3. EPA 2002 guidance suggests an RfD of 7 which results in a target concentration of 7000 ug/m3.
5. Toxicity values for the determination of target air concenttrations are not available. NIOSH (National Institute for Occupational Safety and Health) sets the 8-hour time weighted average exposure at 4000 ug/m3.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-007G-01 723 Leeds (1st Floor) Sample Date: April 28, 2009 *Compound*	Reporting *Limit* *(ppbt)*	***Concentrations in Air*** ***(ppb$_v$)***	***(µG/m^3)***	*USEPA Regional Screening Levels[a]* *(µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	500	**25.20**	**59.86**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.083**	**0.287**	5.2	Cancer	No	
Carbon disulfide	50	**0.109**	**0.339**	730	Non-cancer	No	
n-Hexane	50	**0.211**	**0.744**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.420**	**2.077**	210	Non-cancer	No	
Chloroform	500	**8.470**	**41.36**	0.11	Cancer	***YES***	*2*
1,2-Dichloroethane	50	**0.193**	**0.781**	0.094	Cancer	***YES***	
Cyclohexane	50	**0.423**	**1.456**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.128**	**0.805**	0.16	Cancer	***YES***	
Benzene	50	**0.953**	**3.045**	0.31	Cancer	***YES***	
Trichloroethene	50	**0.599**	**3.219**	1.2	Cancer	***YES***	
4-Methyl-2-pentanone	50	**0.089**	**0.363**	3100	Non-cancer	No	
2-Hexanone	50	**0.132**	**0.541**	-	-	-	
Chloromethane	50	**1.380**	**2.850**	94	Non-cancer	No	
Toluene	500	**9.600**	**36.18**	5200	Non-cancer	No	*2*
Tetrachloroethene	50	**0.093**	**0.630**	0.41	Cancer	***YES***	
Ethylbenzene	50	**1.980**	**8.598**	0.97	Cancer	***YES***	
m,p-Xylene	100	**6.730**	**38.02**	730	Non-cancer	No	
o-Xylene	50	**1.430**	**6.210**	730	Non-cancer	No	
Styrene	50	**0.986**	**4.200**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.393**	**1.932**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**0.267**	**1.313**	7.3	Non-cancer	No	
1,4-Dichlorobenzene	50	**0.074**	**0.444**	0.22	Cancer	***YES***	
Propene	500	**6.430**	**11.60**	-	-	-	*2*
1,3-Butadiene	50	**0.912**	**2.018**	0.081	Cancer	***YES***	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.062**	**0.477**	31000	Non-cancer	No	
2-Propanol	50	**2.420**	**5.949**	-	-	-	
Acrolein	50	**2.680**	**6.145**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**4.160**	**6.984**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.473**	**1.673**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**2.050**	**6.046**	5200	Non-cancer	No	
1,2,3-Trimethylbenzene	50	**0.119**	**0.799**	-	-	-	
Isobutene	50	**1.600**	**3.672**	-	-	-	
Pentane	50	**1.100**	**3.246**	-	-	-	
Isoprene	500	**5.480**	**15.27**	-	-	-	*2*
1-Propanol	50	**1.070**	**2.630**	-	-	-	
Cyclopentane	50	**0.086**	**0.245**	-	-	-	
Methacrolein	50	**0.686**	**1.967**	-	-	-	
Ethanol	20000	**75.20**	**141.7**	-	-	-	*3*
Methyl vinyl ketone	50	**0.841**	**2.411**	-	-	-	
Butanal	50	**1.350**	**3.981**	-	-	-	
1-Butanol	50	**2.750**	**8.337**	-	-	-	
2-Pentanone	50	**0.221**	**0.779**	-	-	-	
3-Pentanone	50	**0.170**	**0.599**	-	-	-	
3-Hexanone	50	**0.067**	**0.352**	-	-	-	
Trichlorofluoromethane	50	**0.200**	**1.124**	730	Non-cancer	No	

General Comments: Canister placed in apporximate center of house in living room.VOC sources not observed or eluded to by resident.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-008B-01 723 Leeds (Basement) Sample Date: April 28, 2009 *Compound*	Reporting *Limit (ppbt)*	***Concentrations in Air (ppb$_v$)***	***(µG/m^3)***	*Reference Concentration[1] ("Air Quality Standard") (µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	500	**7.470**	**17.74**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.082**	**0.285**	5.2	Cancer	No	
n-Hexane	50	**0.178**	**0.627**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.527**	**2.606**	210	Non-cancer	No	
Chloroform	50	**1.560**	**7.617**	0.11	Cancer	***YES***	
1,2-Dichloroethane	50	**0.053**	**0.216**	0.094	Cancer	***YES***	
Cyclohexane	50	**0.235**	**0.809**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.106**	**0.667**	0.16	Cancer	***YES***	
Benzene	50	**0.203**	**0.649**	0.31	Cancer	***YES***	
Trichloroethene	50	**0.133**	**0.715**	1.2	Cancer	No	
2-Hexanone	50	**0.067**	**0.275**	-	-	-	
Chloromethane	50	**0.478**	**0.987**	94	Non-cancer	No	
Toluene	50	**2.260**	**8.517**	5200	Non-cancer	No	
Tetrachloroethene	50	**0.116**	**0.787**	0.41	Cancer	***YES***	
Ethylbenzene	50	**0.474**	**2.058**	0.97	Cancer	***YES***	
m,p-Xylene	100	**1.860**	**10.51**	730	Non-cancer	No	
o-Xylene	50	**0.439**	**1.906**	730	Non-cancer	No	
Styrene	50	**0.345**	**1.470**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.141**	**0.693**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**0.114**	**0.560**	7.3	Non-cancer	No	
1,4-Dichlorobenzene	50	**0.055**	**0.328**	0.22	Cancer	***YES***	
Propene	50	**0.654**	**1.180**	-	-	-	
1,3-Butadiene	50	**0.066**	**0.147**	0.081	Cancer	***YES***	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.078**	**0.600**	31000	Non-cancer	No	
2-Propanol	50	**1.100**	**2.704**	-	-	-	
Acrolein	50	**0.794**	**1.821**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**1.040**	**1.746**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.301**	**1.065**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**1.370**	**4.041**	5200	Non-cancer	No	
1,2,3-Trimethylbenzene	50	**0.058**	**0.387**	-	-	-	
Isobutene	50	**0.215**	**0.493**	-	-	-	
Pentane	50	**0.916**	**2.703**	-	-	-	
Isoprene	50	**0.506**	**1.410**	-	-	-	
1-Propanol	50	**0.430**	**1.057**	-	-	-	
Cyclopentane	50	**0.093**	**0.268**	-	-	-	
Methacrolein	50	**0.110**	**0.315**	-	-	-	
Ethanol	10000	**21.70**	**40.89**	-	-	-	*2*
Methyl vinyl ketone	50	**0.242**	**0.694**	-	-	-	
Butanal	50	**0.452**	**1.333**	-	-	-	
1-Butanol	50	**1.390**	**4.214**	-	-	-	
2-Pentanone	50	**0.117**	**0.412**	-	-	-	
3-Pentanone	50	**0.065**	**0.227**	-	-	-	
Trichlorofluoromethane	50	**0.239**	**1.343**	730	Non-cancer	No	

General Comments: Partial cement floor, 1/4 of basement is dirt crawlspace where sample was collected. Crawlspace ~2-3 feet above main floor. Can placed on table immediately next to crawl space wall, ~ 2 feet from dirt.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: 'CSS-IA-009G-01 725 Leeds (1st Floor) Sample Date: April 28, 2009				*Reference Concentration [1] ("Air Quality Standard")*		*Is Air Quality Standard Exceeded?*	
Compound	*Reporting Limit (ppbt)*	***Concentrations in Air (ppb$_v$)***	***Concentrations in Air (µG/m^3)***	*(µG/m^3)*	*Toxic Endpoint*		*Note*
Acetone	*500*	***5.510***	***13.09***	*32000*	*Non-cancer*	No	*2*
Methylene chloride	*50*	***0.083***	***0.289***	*5.2*	*Cancer*	No	
Carbon disulfide	*50*	***0.061***	***0.188***	*730*	*Non-cancer*	No	
n-Hexane	*50*	***0.144***	***0.508***	*730*	*Non-cancer*	No	
Dichlorodifluoromethane	*50*	***0.533***	***2.636***	*210*	*Non-cancer*	No	
Chloroform	*50*	***0.120***	***0.586***	*0.11*	*Cancer*	***YES***	
Cyclohexane	*50*	***0.126***	***0.434***	*6300*	*Non-cancer*	No	
Carbon tetrachloride	*50*	***0.096***	***0.601***	*0.16*	*Cancer*	***YES***	
Benzene	*50*	***0.153***	***0.489***	*0.31*	*Cancer*	***YES***	
2-Hexanone	*50*	***0.056***	***0.229***	-	-	-	
Chloromethane	*50*	***0.557***	***1.150***	*94*	*Non-cancer*	No	
Toluene	*50*	***0.480***	***1.809***	*5200*	*Non-cancer*	No	
Tetrachloroethene	*50*	***0.057***	***0.384***	*0.41*	*Cancer*	No	
Ethylbenzene	*50*	***0.089***	***0.386***	*0.97*	*Cancer*	No	
m,p-Xylene	*100*	***0.296***	***1.672***	*730*	*Non-cancer*	No	
o-Xylene	*50*	***0.115***	***0.499***	*730*	*Non-cancer*	No	
Styrene	*50*	***0.116***	***0.494***	*1000*	*Non-cancer*	No	
1,3,5-Trimethylbenzene	*50*	***0.149***	***0.732***	*6.3*	*Non-cancer*	No	
1,2,4-Trimethylbenzene	*50*	***0.128***	***0.629***	*7.3*	*Non-cancer*	No	
Propene	*50*	***0.435***	***0.785***	-	-	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	*50*	***0.076***	***0.586***	*31000*	*Non-cancer*	No	
2-Propanol	*50*	***2.480***	***6.096***	-	-	-	
Acrolein	*50*	***0.934***	***2.142***	*0.021*	*Non-cancer*	***YES***	
Acetonitrile	*50*	***0.239***	***0.401***	63	Non-cancer	No	
Chlorodifluoromethane	*500*	***8.080***	***28.58***	*52000*	*Non-cancer*	No	*2*
Methyl ethyl ketone	*50*	***0.819***	***2.415***	*5200*	*Non-cancer*	No	
Isobutene	*50*	***0.099***	***0.227***	-	-	-	
Pentane	*50*	***1.290***	***3.807***	-	-	-	
Isoprene	*50*	***0.351***	***0.978***	-	-	-	
1-Propanol	*50*	***0.413***	***1.015***	-	-	-	
Cyclopentane	*50*	***0.072***	***0.207***	-	-	-	
Methacrolein	*50*	***0.087***	***0.249***	-	-	-	
Ethanol	*20000*	***101.0***	***190.3***	-	-	-	*3*
Methyl vinyl ketone	*50*	***0.235***	***0.674***	-	-	-	
Butanal	*50*	***0.491***	***1.448***	-	-	-	
1-Butanol	*50*	***1.390***	***4.214***	-	-	-	
2-Pentanone	*50*	***0.057***	***0.199***	-	-	-	
Trichlorofluoromethane	*50*	***0.240***	***1.348***	*730*	*Non-cancer*	No	

General Comments: Canister placed in approximate center of house in living room.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-010B-01 725 Leeds (Basement) Sample Date: April 28, 2009 *Compound*	Reporting *Limit* *(ppbt)*	***Concentrations in Air*** ***(ppb$_v$)***	***(µG/m^3)***	*Reference Concentration[1] ("Air Quality Standard") (µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	500	**7.430**	**17.65**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.065**	**0.225**	5.2	Cancer	No	
Carbon disulfide	50	**0.051**	**0.158**	730	Non-cancer	No	
n-Hexane	50	**0.192**	**0.677**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.527**	**2.606**	210	Non-cancer	No	
Chloroform	50	**0.188**	**0.918**	0.11	Cancer	***YES***	
Cyclohexane	50	**0.174**	**0.599**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.097**	**0.607**	0.16	Cancer	***YES***	
Benzene	50	**0.133**	**0.425**	0.31	Cancer	***YES***	
4-Methyl-2-pentanone	50	**0.059**	**0.243**	3100	Non-cancer	No	
2-Hexanone	50	**0.063**	**0.256**	-	-	-	
Chloromethane	50	**0.428**	**0.884**	94	Non-cancer	No	
Toluene	50	**0.430**	**1.620**	5200	Non-cancer	No	
Tetrachloroethene	50	**0.089**	**0.601**	0.41	Cancer	***YES***	
Ethylbenzene	50	**0.107**	**0.465**	0.97	Cancer	No	
m,p-Xylene	100	**0.258**	**1.458**	730	Non-cancer	No	
o-Xylene	50	**0.095**	**0.413**	730	Non-cancer	No	
Styrene	50	**0.124**	**0.528**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.140**	**0.688**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**0.092**	**0.451**	7.3	Non-cancer	No	
1,4-Dichlorobenzene	50	**0.062**	**0.375**	0.22	Cancer	***YES***	
Propene	50	**0.757**	**1.365**	-	-	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.075**	**0.577**	31000	Non-cancer	No	
2-Propanol	50	**0.722**	**1.775**	-	-	-	
Acrolein	50	**0.459**	**1.052**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**0.179**	**0.301**	63	Non-cancer	No	
Chlorodifluoromethane	50	**1.510**	**5.340**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**2.050**	**6.046**	5200	Non-cancer	No	
Isobutene	50	**0.078**	**0.179**	-	-	-	
Pentane	50	**1.010**	**2.980**	-	-	-	
Isoprene	50	**0.052**	**0.144**	-	-	-	
1-Propanol	50	**0.918**	**2.257**	-	-	-	
Cyclopentane	50	**0.077**	**0.221**	-	-	-	
Ethanol	10000	**21.10**	**39.76**	-	-	-	*2*
Methyl vinyl ketone	50	**0.137**	**0.393**	-	-	-	
Butanal	50	**0.301**	**0.888**	-	-	-	
1-Butanol	50	**0.980**	**2.971**	-	-	-	
2-Pentanone	50	**0.073**	**0.255**	-	-	-	
Trichlorofluoromethane	50	**0.248**	**1.393**	730	Non-cancer	No	

General comments: Full concrete floor in basement, some small cracks. No chemicals observed. Canister placed next to sump in center of basement.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: 'CSS-IA-011G-01				*Reference*		*Is*	
740 Leeds (1st Floor)				*Concentration* [1]		*Air*	
Sample Date: April 28, 2009	Reporting			*("Air Quality*		*Quality*	
	Limit	***Concentrations in Air***		*Standard")*	*Toxic*	*Standard*	
Compound	*(ppbt)*	***(ppb$_v$)***	***(µG/m^3)***	*(µG/m^3)*	*Endpoint*	*Exceeded?*	*Note*
Acetone	500	**8.760**	**20.81**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.080**	**0.278**	5.2	Cancer	No	
n-Hexane	50	**0.247**	**0.871**	730	Non-cancer	No	
cis-1,2-Dichloroethene	50	**0.598**	**2.371**	-	-	-	
Dichlorodifluoromethane	50	**0.595**	**2.942**	210	Non-cancer	No	
Chloroform	50	**0.067**	**0.325**	0.11	Cancer	***YES***	
Cyclohexane	50	**0.619**	**2.131**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.094**	**0.590**	0.16	Cancer	***YES***	
Benzene	50	**0.735**	**2.348**	0.31	Cancer	***YES***	
Trichloroethene	50	**0.644**	**3.461**	1.2	Cancer	***YES***	
4-Methyl-2-pentanone	50	**0.059**	**0.241**	3100	Non-cancer	No	
2-Hexanone	50	**0.076**	**0.312**	-	-	-	
Chloromethane	50	**1.290**	**2.664**	94	Non-cancer	No	
Toluene	50	**1.460**	**5.502**	5200	Non-cancer	No	
Tetrachloroethene	50	**0.051**	**0.349**	0.41	Cancer	No	
Ethylbenzene	50	**0.193**	**0.838**	0.97	Cancer	No	
m,p-Xylene	100	**0.714**	**4.034**	730	Non-cancer	No	
o-Xylene	50	**0.179**	**0.777**	730	Non-cancer	No	
Styrene	50	**0.360**	**1.534**	1000	Non-cancer	No	
Vinyl chloride	50	**0.085**	**0.217**	0.16	Cancer	***YES***	
1,3,5-Trimethylbenzene	50	**0.125**	**0.614**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**0.152**	**0.747**	7.3	Non-cancer	No	
1,3-Dichlorobenzene	50	**0.055**	**0.330**	-	-	-	
1,4-Dichlorobenzene	50	**0.131**	**0.788**	0.22	Cancer	***YES***	
Propene	50	**4.410**	**7.954**	-	-	-	
1,3-Butadiene	50	**0.826**	**1.827**	0.081	Cancer	***YES***	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.072**	**0.550**	31000	Non-cancer	No	
2-Propanol	50	**0.640**	**1.573**	-	-	-	
Acrolein	50	**2.850**	**6.535**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**3.080**	**5.171**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.209**	**0.739**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**1.670**	**4.925**	5200	Non-cancer	No	
1,2,3-Trimethylbenzene	50	**0.070**	**0.472**	-	-	-	
Isobutene	50	**1.170**	**2.685**	-	-	-	
Pentane	50	**0.909**	**2.682**	-	-	-	
Isoprene	500	**4.980**	**13.875**	-	-	-	*2*
1-Propanol	50	**1.110**	**2.728**	-	-	-	
Cyclopentane	50	**0.105**	**0.301**	-	-	-	
Methacrolein	50	**0.312**	**0.894**	-	-	-	
Ethanol	20000	**257.0**	**484.2**	-	-	-	*3*
Methyl vinyl ketone	50	**0.704**	**2.018**	-	-	-	
Butanal	50	**0.590**	**1.740**	-	-	-	
1-Butanol	50	**1.620**	**4.911**	-	-	-	
2-Pentanone	50	**0.147**	**0.518**	-	-	-	
3-Pentanone	50	**0.097**	**0.341**	-	-	-	
3-Hexanone	50	**0.050**	**0.264**	-	-	-	
Trichlorofluoromethane	50	**0.276**	**1.551**	730	Non-cancer	No	

Comments: Canister placed in living room along north wall at spot ID'd as the previous sampling location. Heavy smokers. Resident

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-012G-01 747 McCann (1st Floor) Sample Date: 4/29/2009 *Compound*	Reporting *Limit* *(ppbt)*	***Concentrations in Air*** ***(ppb$_v$)***	***(µG/m^3)***	*Reference Concentration[1] ("Air Quality Standard") (µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	500	**25.50**	**60.57**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.130**	**0.452**	5.2	Cancer	No	
Carbon disulfide	50	**0.100**	**0.311**	730	Non-cancer	No	
n-Hexane	50	**0.385**	**1.357**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.520**	**2.572**	210	Non-cancer	No	
Chloroform	50	**0.434**	**2.119**	0.11	Cancer	***YES***	
Cyclohexane	50	**0.493**	**1.697**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.100**	**0.628**	0.16	Cancer	***YES***	
Benzene	50	**0.214**	**0.684**	0.31	Cancer	***YES***	
Trichloroethene	50	**0.062**	**0.334**	1.2	Cancer	No	
Bromodichloromethane	50	**0.092**	**0.613**	0.066	Cancer	***YES***	
4-Methyl-2-pentanone	50	**0.093**	**0.382**	3100	Non-cancer	No	
2-Hexanone	50	**0.116**	**0.475**	-	-	-	
Chloromethane	50	**0.467**	**0.964**	94	Non-cancer	No	
Toluene	50	**1.200**	**4.522**	5200	Non-cancer	No	
Ethylbenzene	50	**0.320**	**1.390**	0.97	Cancer	***YES***	
m,p-Xylene	100	**0.764**	**4.316**	730	Non-cancer	No	
o-Xylene	50	**0.325**	**1.411**	730	Non-cancer	No	
Styrene	50	**0.741**	**3.156**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.708**	**3.480**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**1.830**	**8.996**	7.3	Non-cancer	***YES***	
1,4-Dichlorobenzene	50	**0.079**	**0.474**	0.22	Cancer	***YES***	
Propene	500	**7.890**	**14.230**	-	-	-	*2*
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.073**	**0.559**	31000	Non-cancer	No	
2-Propanol	1000	**280.0**	**688.3**	-	-	-	*3*
Acrolein	50	**1.710**	**3.921**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**0.240**	**0.403**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.983**	**3.477**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**1.810**	**5.338**	5200	Non-cancer	No	
1,2,3-Trimethylbenzene	50	**0.734**	**4.931**	-	-	-	
Isobutene	50	**0.229**	**0.526**	-	-	-	
Pentane	50	**1.350**	**3.984**	-	-	-	
Isoprene	50	**1.170**	**3.260**	-	-	-	
1-Propanol	50	**2.930**	**7.202**	-	-	-	
Cyclopentane	50	**0.113**	**0.324**	-	-	-	
Methacrolein	50	**0.233**	**0.668**	-	-	-	
Ethanol	1000	**217.0**	**408.9**	-	-	-	*3*
Methyl vinyl ketone	50	**0.390**	**1.118**	-	-	-	
Butanal	50	**1.390**	**4.099**	-	-	-	
1-Butanol	500	**23.00**	**69.72**	-	-	-	*2*
2-Pentanone	50	**0.160**	**0.564**	-	-	-	
3-Pentanone	50	**0.110**	**0.387**	-	-	-	
Trichlorofluoromethane	50	**0.243**	**1.365**	730	Non-cancer	No	

Comment: Canister placed in approximate center of the house in the living room next to the kitchen.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-013C-01 747 McCann (Crawl Space) Sample Date: 4/29/2009 *Compound*	Reporting *Limit* *(ppbt)*	***Concentrations in Air*** ***(ppb$_v$)***	***(µG/m^3)***	*Reference Concentration[1] ("Air Quality Standard") (µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	500	**4.510**	**10.71**	32000	Non-cancer	No	*2*
Methylene chloride	50	**0.085**	**0.296**	5.2	Cancer	No	
Carbon disulfide	50	**0.068**	**0.211**	730	Non-cancer	No	
n-Hexane	50	**0.147**	**0.518**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.539**	**2.665**	210	Non-cancer	No	
Chloroform	50	**0.136**	**0.664**	0.11	Cancer	***YES***	
Cyclohexane	50	**0.097**	**0.334**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.097**	**0.612**	0.16	Cancer	***YES***	
Benzene	50	**0.110**	**0.351**	0.31	Cancer	***YES***	
Trichloroethene	50	**0.091**	**0.488**	1.2	Cancer	No	
Chloromethane	50	**0.355**	**0.733**	94	Non-cancer	No	
Toluene	50	**0.321**	**1.210**	5200	Non-cancer	No	
Tetrachloroethene	50	**0.116**	**0.787**	0.41	Cancer	***YES***	
Ethylbenzene	50	**0.056**	**0.244**	0.97	Cancer	No	
m,p-Xylene	100	**0.173**	**0.977**	730	Non-cancer	No	
o-Xylene	50	**0.072**	**0.311**	730	Non-cancer	No	
Styrene	50	**0.059**	**0.250**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.098**	**0.479**	6.3	Non-cancer	No	
Propene	50	**0.886**	**1.598**	-	-	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.079**	**0.605**	31000	Non-cancer	No	
2-Propanol	50	**1.380**	**3.392**	-	-	-	
Acrolein	50	**0.281**	**0.644**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**0.087**	**0.147**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.245**	**0.866**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**1.110**	**3.274**	5200	Non-cancer	No	
Pentane	50	**0.657**	**1.939**	-	-	-	
1-Propanol	50	**0.342**	**0.841**	-	-	-	
Cyclopentane	50	**0.053**	**0.153**	-	-	-	
Ethanol	1000	**3.020**	**5.690**	-	-	-	
Methyl vinyl ketone	50	**0.078**	**0.222**	-	-	-	
Butanal	50	**0.251**	**0.740**	-	-	-	
1-Butanol	50	**0.732**	**2.219**	-	-	-	
Trichlorofluoromethane	50	**0.239**	**1.343**	730	Non-cancer	No	

Comment: Canister placed in crawl space on west side of the house. Crawl space is accessed from outdoors in back of house and is ~3 feet high with dirt floor. A small board covers the opening. A field duplicate was collected at this location.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-013C-01FR	**Chemicals Detected in Indoor Air**			*Reference*		*Is*	
747 McCann (Crawl Space) Duplicate				*Concentration* [1]		*Air*	
Sample Date: 4/29/2009	Reporting			*("Air Quality*		*Quality*	
	Limit	***Concentrations in Air***		*Standard")*	*Toxic*	*Standard*	
Compound	*(ppbt)*	***(ppb$_v$)***	***(µG/m^3)***	*(µG/m^3)*	*Endpoint*	*Exceeded?*	*Note*
Acetone	50	**3.780**	**8.979**	32000	Non-cancer	No	
Methylene chloride	50	**0.085**	**0.294**	5.2	Cancer	No	
n-Hexane	50	**0.131**	**0.462**	730	Non-cancer	No	
Dichlorodifluoromethane	50	**0.542**	**2.680**	210	Non-cancer	No	
Chloroform	50	**0.128**	**0.625**	0.11	Cancer	***YES***	
Cyclohexane	50	**0.110**	**0.379**	6300	Non-cancer	No	
Carbon tetrachloride	50	**0.100**	**0.627**	0.16	Cancer	***YES***	
Benzene	50	**0.105**	**0.335**	0.31	Cancer	***YES***	
4-Methyl-2-pentanone	50	**0.056**	**0.229**	3100	Non-cancer	No	
2-Hexanone	50	**0.164**	**0.672**	-	-	-	
Chloromethane	50	**0.354**	**0.731**	94	Non-cancer	No	
Toluene	50	**0.268**	**1.010**	5200	Non-cancer	No	
Ethylbenzene	50	**0.050**	**0.217**	0.97	Cancer	No	
m,p-Xylene	100	**0.197**	**1.113**	730	Non-cancer	No	
o-Xylene	50	**0.074**	**0.321**	730	Non-cancer	No	
Styrene	50	**0.066**	**0.282**	1000	Non-cancer	No	
1,3,5-Trimethylbenzene	50	**0.062**	**0.303**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	50	**0.058**	**0.284**	7.3	Non-cancer	No	
Propene	50	**0.959**	**1.730**	-	-	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	**0.078**	**0.601**	31000	Non-cancer	No	
2-Propanol	50	**1.230**	**3.023**	-	-	-	
Acrolein	50	**0.303**	**0.695**	0.021	Non-cancer	***YES***	
Acetonitrile	50	**0.089**	**0.149**	63	Non-cancer	No	
Chlorodifluoromethane	50	**0.243**	**0.859**	52000	Non-cancer	No	
Methyl ethyl ketone	50	**0.829**	**2.445**	5200	Non-cancer	No	
Isobutene	50	**0.061**	**0.139**	-	-	-	
Pentane	50	**0.542**	**1.599**	-	-	-	
1-Propanol	50	**0.238**	**0.585**	-	-	-	
Cyclopentane	50	**0.051**	**0.146**	-	-	-	
Ethanol	1000	**2.880**	**5.426**	-	-	-	
Methyl vinyl ketone	50	**0.077**	**0.221**	-	-	-	
Butanal	50	**0.226**	**0.667**	-	-	-	
1-Butanol	50	**0.984**	**2.983**	-	-	-	
Trichlorofluoromethane	50	**0.244**	**1.371**	730	Non-cancer	No	

Comment: Canister placed in crawl space on west side of the house. Crawl space is accessed from outdoors in back of house and is ~3 feet high with dirt floor. A small board covers the opening. A field duplicate was collected at this location.

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-IA-014A-01 Ambient (by 747 McCann) Sample Date: 4/29/2009 *Compound*	Reporting *Limit* *(ppbt)*	***Concentrations in Air*** ***(ppb$_v$)***	***(µG/m^3)***	*Reference Concentration[1] ("Air Quality Standard") (µG/m^3)*	*Toxic Endpoint*	*Is Air Quality Standard Exceeded?*	*Note*
Acetone	100	**3.650**	**8.670**	32000	Non-cancer	No	
Methylene chloride	100	**0.134**	**0.465**	5.2	Cancer	No	
Carbon disulfide	100	**0.142**	**0.442**	730	Non-cancer	No	
n-Hexane	100	**0.148**	**0.522**	730	Non-cancer	No	
Dichlorodifluoromethane	100	**0.575**	**2.844**	210	Non-cancer	No	
Cyclohexane	100	**0.123**	**0.423**	6300	Non-cancer	No	
Carbon tetrachloride	100	**0.138**	**0.868**	0.16	Cancer	***YES***	
Benzene	100	**1.000**	**3.195**	0.31	Cancer	***YES***	
1,4-Dioxane	100	**0.106**	**0.382**	0.32	Cancer	***YES***	
4-Methyl-2-pentanone	100	**0.120**	**0.492**	3100	Non-cancer	No	
2-Hexanone	100	**0.131**	**0.537**	-	-	-	
Chloromethane	100	**0.562**	**1.161**	94	Non-cancer	No	
Toluene	100	**0.589**	**2.220**	5200	Non-cancer	No	
Tetrachloroethene	100	**0.105**	**0.712**	0.41	Cancer	***YES***	
Ethylbenzene	100	**0.154**	**0.669**	0.97	Cancer	No	
m,p-Xylene	200	**0.343**	**1.938**	730	Non-cancer	No	
o-Xylene	100	**0.174**	**0.756**	730	Non-cancer	No	
Styrene	100	**0.144**	**0.613**	1000	Non-cancer	No	
1,1,2,2-Tetrachloroethane	100	**0.114**	**0.783**	0.042	Cancer	***YES***	
1,3,5-Trimethylbenzene	100	**0.193**	**0.949**	6.3	Non-cancer	No	
1,2,4-Trimethylbenzene	100	**0.194**	**0.954**	7.3	Non-cancer	No	
1,3-Dichlorobenzene	100	**0.115**	**0.691**	-	-	-	
1,4-Dichlorobenzene	100	**0.145**	**0.872**	0.22	Cancer	***YES***	
1,2-Dichlorobenzene	100	**0.112**	**0.673**	210	Non-cancer	No	
Propene	100	**0.296**	**0.534**	-	-	-	
Benzyl chloride	100	**0.152**	**0.787**	0.05	Cancer	***YES***	
1,1,2-Trichloro-1,2,2-Trifluoroethane	100	**0.113**	**0.866**	31000	Non-cancer	No	
2-Propanol	100	**0.590**	**1.450**	-	-	-	
Acrolein	100	**0.307**	**0.704**	0.021	Non-cancer	***YES***	
Acetonitrile	100	**0.135**	**0.227**	63	Non-cancer	No	
Chlorodifluoromethane	100	**0.216**	**0.764**	52000	Non-cancer	No	
Methyl ethyl ketone	100	**1.150**	**3.392**	5200	Non-cancer	No	
Pentane	100	**0.329**	**0.971**	-	-	-	
1-Propanol	100	**0.482**	**1.185**	-	-	-	
Ethanol	2000	**4.850**	**9.138**	-	-	-	
Butanal	100	**0.231**	**0.681**	-	-	-	
1-Butanol	100	**1.350**	**4.093**	-	-	-	
Trichlorofluoromethane	100	**0.278**	**1.562**	730	Non-cancer	No	

Comment: Canister placed outdoors on the front porch next to the house (owner says it will remain dry at this location).

Attachment 1, Table 2

June 2009 Indoor Air / Soil Gas Sampling (TO-15) - Detects Only

Offsite Screening-level Vapor Intrusion Data Assessment Near Markland Ave. Quarry

Station Location: CSS-BLANK-015-01			
Field Blank			
Sample Date: 4/29/2009	Reporting		
	Limit	***Concentrations in Air***	
Compound	*(ppbt)*	***(ppb$_v$)***	***(µG/m^3)***
Acetone	50	**0.110**	**0.261**
1-Butanol	50	**0.303**	**0.919**

Notes

- Not applicable

1. USEPA Residential Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites, RSL Table Update, April 2009
2. 10X dilution performed
3. 20X dilution performed
4. Based on mixed xylenes

Attachment 2

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-016-01	02/17/2010 10:40:00	1-Propanol	71-23-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-016-01	02/17/2010 10:40:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	133.41	0.272822086	0.272822086
CSS-IA-016-01	02/17/2010 10:40:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	167.85	0.343251534	0.343251534
CSS-IA-016-01	02/17/2010 10:40:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		99.1	J	187.38	0.759482945	0.383190184
CSS-IA-016-01	02/17/2010 10:40:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	133.41	0.272822086	0.272822086
CSS-IA-016-01	02/17/2010 10:40:00	1,1-Dichloroethane	75-34-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	98.96	0.202372188	0.202372188
CSS-IA-016-01	02/17/2010 10:40:00	1,1-Dichloroethene	75-35-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	96.94	0.198241309	0.198241309
CSS-IA-016-01	02/17/2010 10:40:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-016-01	02/17/2010 10:40:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-016-01	02/17/2010 10:40:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		115	J	120.2	0.565357873	0.245807771
CSS-IA-016-01	02/17/2010 10:40:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	187.86	0.384171779	0.384171779
CSS-IA-016-01	02/17/2010 10:40:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-016-01	02/17/2010 10:40:00	1,2-Dichloroethane	107-06-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	98.96	0.202372188	0.202372188
CSS-IA-016-01	02/17/2010 10:40:00	1,2-Dichloropropane	78-87-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	112.99	0.231063395	0.231063395
CSS-IA-016-01	02/17/2010 10:40:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-016-01	02/17/2010 10:40:00	1,3-Butadiene	106-99-0	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	54.09	0.110613497	0.110613497
CSS-IA-016-01	02/17/2010 10:40:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-016-01	02/17/2010 10:40:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-016-01	02/17/2010 10:40:00	1,4-Dioxane	123-91-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-016-01	02/17/2010 10:40:00	1-Butanol	71-36-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-016-01	02/17/2010 10:40:00	2-Hexanone	591-78-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-016-01	02/17/2010 10:40:00	3-Hexanone	589-38-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-016-01	02/17/2010 10:40:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		98.1	J	100.16	0.401868957	0.204826176
CSS-IA-016-01	02/17/2010 10:40:00	Acetone	67-64-1	10	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		14000	UJ	58.08	33.25644172	33.25644172
CSS-IA-016-01	02/17/2010 10:40:00	Acetonitrile	75-05-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		294	J	41.05	0.493607362	0.08394683
CSS-IA-016-01	02/17/2010 10:40:00	Acrolein	107-02-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		419	J	56.06	0.960701022	0.687852761
CSS-IA-016-01	02/17/2010 10:40:00	Benzene	71-43-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		261	J	78.11	0.83381227	0.159734151
CSS-IA-016-01	02/17/2010 10:40:00	Benzyl chloride	100-44-7	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-016-01	02/17/2010 10:40:00	Bromodichloromethane	75-27-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	163.83	0.335030675	0.335030675
CSS-IA-016-01	02/17/2010 10:40:00	Bromoform	75-25-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	252.73	0.516830266	0.516830266
CSS-IA-016-01	02/17/2010 10:40:00	Bromomethane	74-83-9	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	94.94	0.194151329	0.194151329
CSS-IA-016-01	02/17/2010 10:40:00	Carbon disulfide	75-15-0	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-016-01	02/17/2010 10:40:00	Carbon tetrachloride	56-23-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		99.2	J	153.82	0.624087689	0.314560327
CSS-IA-016-01	02/17/2010 10:40:00	Chlorobenzene	108-90-7	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	112.56	0.230184049	0.230184049
CSS-IA-016-01	02/17/2010 10:40:00	Chlorodifluoromethane	75-45-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		264	J	86.47	0.933663804	0.176830266
CSS-IA-016-01	02/17/2010 10:40:00	Chloroethane	75-00-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	64.52	0.13194274	0.13194274
CSS-IA-016-01	02/17/2010 10:40:00	Chloroform	67-66-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		166	J	119.38	0.810514519	0.244130879
CSS-IA-016-01	02/17/2010 10:40:00	Chloromethane	74-87-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		726	J	50.49	1.49921227	0.103251534
CSS-IA-016-01	02/17/2010 10:40:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	96.94	0.198241309	0.198241309
CSS-IA-016-01	02/17/2010 10:40:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	110.97	0.226932515	0.226932515
CSS-IA-016-01	02/17/2010 10:40:00	Cyclohexane	110-82-7	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		285	J	84.16	0.981006135	0.172106339
CSS-IA-016-01	02/17/2010 10:40:00	Dichlorodifluoromethane	75-71-8	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		686	J	120.91	3.392403272	0.247259714
CSS-IA-016-01	02/17/2010 10:40:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	120.91	0.247259714	0.247259714
CSS-IA-016-01	02/17/2010 10:40:00	Ethylbenzene	100-41-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		111	J	106.17	0.481998773	0.217116564
CSS-IA-016-01	02/17/2010 10:40:00	m,p-Xylene	100-01-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		264	J	138.13	1.491465031	1.129897751
CSS-IA-016-01	02/17/2010 10:40:00	Methyl ethyl ketone	78-93-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		1110	J	72.11	3.273705521	0.147464213
CSS-IA-016-01	02/17/2010 10:40:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-016-01	02/17/2010 10:40:00	Methyl vinyl ketone	78-94-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		273	J	72.11	0.805154601	0.147464213
CSS-IA-016-01	02/17/2010 10:40:00	Methylene chloride	75-09-2	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		453	J	84.93	1.573549693	1.389447853
CSS-IA-016-01	02/17/2010 10:40:00	n-Hexane	110-54-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		117	J	86.18	0.412395092	0.176237219
CSS-IA-016-01	02/17/2010 10:40:00	o-Xylene	95-47-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		101	J	106.17	0.43857546	0.217116564
CSS-IA-016-01	02/17/2010 10:40:00	Pentane	109-66-0	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		549	J	72.15	1.620055215	0.147546012
CSS-IA-016-01	02/17/2010 10:40:00	Propanal	123-38-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		1050	J	58.08	2.494233129	0.950184049
CSS-IA-016-01	02/17/2010 10:40:00	Propene	115-07-1	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		345	J	42.08	0.593766871	0.08605317
CSS-IA-016-01	02/17/2010 10:40:00	Styrene	100-42-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		173	J	104.15	0.73693047	0.212985685
CSS-IA-016-01	02/17/2010 10:40:00	Tetrachloroethene	127-18-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	165.83	0.339120654	0.339120654

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-016-01	02/17/2010 10:40:00	Toluene	108-88-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		820	J	92.14	3.090175869	0.188425358
CSS-IA-016-01	02/17/2010 10:40:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	110.97	0.226932515	0.226932515
CSS-IA-016-01	02/17/2010 10:40:00	Trichloroethene	79-01-6	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	131.39	0.268691207	0.268691207
CSS-IA-016-01	02/17/2010 10:40:00	Trichlorofluoromethane	75-69-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		362	J	137.37	2.033862577	0.280920245
CSS-IA-016-01	02/17/2010 10:40:00	Vinyl chloride	75-01-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	62.5	0.127811861	0.127811861
CSS-IA-016-01	02/17/2010 10:40:00	2-Pentanone	107-87-9	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		63.9	J	86.13	0.225100491	0.176134969
CSS-IA-016-01	02/17/2010 10:40:00	3-Pentanone	96-22-0	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-016-01	02/17/2010 10:40:00	Cyclopentane	287-92-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		520	J	70.1	1.490879346	0.143353783
CSS-IA-016-01	02/17/2010 10:40:00	Isobutene	115-11-7	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		238	J	56.11	0.546183231	0.114744376
CSS-IA-016-01	02/17/2010 10:40:00	Isoprene	78-79-5	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		941	J	68.12	2.621714519	0.139304703
CSS-IA-016-01	02/17/2010 10:40:00	Methacrolein	78-85-3	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		197	J	70.09	0.564733333	0.143333333
CSS-IA-016-01	02/17/2010 10:40:00	Methyl iodide	74-88-4	1	10CC06-01	731 S. Brandon	Living Quarters	Indoor Air		50	UJ	141.94	0.290265849	0.290265849
CSS-IA-017-01	02/17/2010 10:40:00	1-Propanol	71-23-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-017-01	02/17/2010 10:40:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-017-01	02/17/2010 10:40:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	167.85	0.343251534	0.343251534
CSS-IA-017-01	02/17/2010 10:40:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		78.8		187.38	0.60390773	0.383190184
CSS-IA-017-01	02/17/2010 10:40:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-017-01	02/17/2010 10:40:00	1,1-Dichloroethane	75-34-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-017-01	02/17/2010 10:40:00	1,1-Dichloroethene	75-35-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-017-01	02/17/2010 10:40:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	120.2	0.245807771	0.245807771
CSS-IA-017-01	02/17/2010 10:40:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-017-01	02/17/2010 10:40:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		67.2		120.2	0.330365644	0.245807771
CSS-IA-017-01	02/17/2010 10:40:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	187.86	0.384171779	0.384171779
CSS-IA-017-01	02/17/2010 10:40:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	147	0.300613497	0.300613497
CSS-IA-017-01	02/17/2010 10:40:00	1,2-Dichloroethane	107-06-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-017-01	02/17/2010 10:40:00	1,2-Dichloropropane	78-87-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	112.99	0.231063395	0.231063395
CSS-IA-017-01	02/17/2010 10:40:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		124		120.2	0.609603272	0.245807771
CSS-IA-017-01	02/17/2010 10:40:00	1,3-Butadiene	106-99-0	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	54.09	0.110613497	0.110613497
CSS-IA-017-01	02/17/2010 10:40:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	147	0.300613497	0.300613497
CSS-IA-017-01	02/17/2010 10:40:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	147	0.300613497	0.300613497
CSS-IA-017-01	02/17/2010 10:40:00	1,4-Dioxane	123-91-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-017-01	02/17/2010 10:40:00	1-Butanol	71-36-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-017-01	02/17/2010 10:40:00	2-Hexanone	591-78-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-017-01	02/17/2010 10:40:00	3-Hexanone	589-38-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-017-01	02/17/2010 10:40:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		115	J	100.16	0.471100204	0.204826176
CSS-IA-017-01	02/17/2010 10:40:00	Acetone	67-64-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		4150	J	58.08	9.858159509	3.325644172
CSS-IA-017-01	02/17/2010 10:40:00	Acetonitrile	75-05-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		124	J	41.05	0.208188139	0.08394683
CSS-IA-017-01	02/17/2010 10:40:00	Acrolein	107-02-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		300	U	56.06	0.687852761	0.687852761
CSS-IA-017-01	02/17/2010 10:40:00	Benzene	71-43-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		170		78.11	0.543096115	0.159734151
CSS-IA-017-01	02/17/2010 10:40:00	Benzyl chloride	100-44-7	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-017-01	02/17/2010 10:40:00	Bromodichloromethane	75-27-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	163.83	0.335030675	0.335030675
CSS-IA-017-01	02/17/2010 10:40:00	Bromoform	75-25-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	252.73	0.516830266	0.516830266
CSS-IA-017-01	02/17/2010 10:40:00	Bromomethane	74-83-9	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	94.94	0.194151329	0.194151329
CSS-IA-017-01	02/17/2010 10:40:00	Carbon disulfide	75-15-0	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-017-01	02/17/2010 10:40:00	Carbon tetrachloride	56-23-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		68.9		153.82	0.433464131	0.314560327
CSS-IA-017-01	02/17/2010 10:40:00	Chlorobenzene	108-90-7	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	112.56	0.230184049	0.230184049
CSS-IA-017-01	02/17/2010 10:40:00	Chlorodifluoromethane	75-45-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		204		86.47	0.721467485	0.176830266
CSS-IA-017-01	02/17/2010 10:40:00	Chloroethane	75-00-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	64.52	0.13194274	0.13194274
CSS-IA-017-01	02/17/2010 10:40:00	Chloroform	67-66-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		84.5		119.38	0.412581186	0.244130879
CSS-IA-017-01	02/17/2010 10:40:00	Chloromethane	74-87-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		388		50.49	0.801231902	0.103251534
CSS-IA-017-01	02/17/2010 10:40:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-017-01	02/17/2010 10:40:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-017-01	02/17/2010 10:40:00	Cyclohexane	110-82-7	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-017-01	02/17/2010 10:40:00	Dichlorodifluoromethane	75-71-8	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		490		120.91	2.423145194	0.247259714
CSS-IA-017-01	02/17/2010 10:40:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	120.91	0.247259714	0.247259714
CSS-IA-017-01	02/17/2010 10:40:00	Ethylbenzene	100-41-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		62.7		106.17	0.272264172	0.217116564

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-017-01	02/17/2010 10:40:00	m,p-Xylene	100-01-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		200	U	138.13	1.129897751	1.129897751
CSS-IA-017-01	02/17/2010 10:40:00	Methyl ethyl ketone	78-93-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		221	J	72.11	0.65179182	0.147464213
CSS-IA-017-01	02/17/2010 10:40:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-017-01	02/17/2010 10:40:00	Methyl vinyl ketone	78-94-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-017-01	02/17/2010 10:40:00	Methylene chloride	75-09-2	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		400	U	84.93	1.389447853	1.389447853
CSS-IA-017-01	02/17/2010 10:40:00	n-Hexane	110-54-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		83.4		86.18	0.293963681	0.176237219
CSS-IA-017-01	02/17/2010 10:40:00	o-Xylene	95-47-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		57.8		106.17	0.250986748	0.217116564
CSS-IA-017-01	02/17/2010 10:40:00	Pentane	109-66-0	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		281		72.15	0.829208589	0.147546012
CSS-IA-017-01	02/17/2010 10:40:00	Propanal	123-38-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		400	UJ	58.08	0.950184049	0.950184049
CSS-IA-017-01	02/17/2010 10:40:00	Propene	115-07-1	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		322		42.08	0.554182413	0.08605317
CSS-IA-017-01	02/17/2010 10:40:00	Styrene	100-42-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		67	J	104.15	0.285400818	0.212985685
CSS-IA-017-01	02/17/2010 10:40:00	Tetrachloroethene	127-18-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	165.83	0.339120654	0.339120654
CSS-IA-017-01	02/17/2010 10:40:00	Toluene	108-88-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		358		92.14	1.349125562	0.188425358
CSS-IA-017-01	02/17/2010 10:40:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-017-01	02/17/2010 10:40:00	Trichloroethene	79-01-6	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	131.39	0.268691207	0.268691207
CSS-IA-017-01	02/17/2010 10:40:00	Trichlorofluoromethane	75-69-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		230		137.37	1.292233129	0.280920245
CSS-IA-017-01	02/17/2010 10:40:00	Vinyl chloride	75-01-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	62.5	0.127811861	0.127811861
CSS-IA-017-01	02/17/2010 10:40:00	2-Pentanone	107-87-9	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-017-01	02/17/2010 10:40:00	3-Pentanone	96-22-0	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-017-01	02/17/2010 10:40:00	Cyclopentane	287-92-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		57.3		70.1	0.164283436	0.143353783
CSS-IA-017-01	02/17/2010 10:40:00	Isobutene	115-11-7	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		57.7		56.11	0.13241501	0.114744376
CSS-IA-017-01	02/17/2010 10:40:00	Isoprene	78-79-5	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		59.4		68.12	0.165493988	0.139304703
CSS-IA-017-01	02/17/2010 10:40:00	Methacrolein	78-85-3	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	J	70.09	0.143333333	0.143333333
CSS-IA-017-01	02/17/2010 10:40:00	Methyl iodide	74-88-4	1	10CC06-02	731 S. Brandon	Crawl Space	Crawl Space		50	U	141.94	0.290265849	0.290265849
CSS-IA-018-01	02/17/2010 10:45:00	1-Propanol	71-23-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-018-01	02/17/2010 10:45:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-018-01	02/17/2010 10:45:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-018-01	02/17/2010 10:45:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		79.5		187.38	0.609272393	0.383190184
CSS-IA-018-01	02/17/2010 10:45:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-018-01	02/17/2010 10:45:00	1,1-Dichloroethane	75-34-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-018-01	02/17/2010 10:45:00	1,1-Dichloroethene	75-35-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-018-01	02/17/2010 10:45:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		115		120.2	0.565357873	0.245807771
CSS-IA-018-01	02/17/2010 10:45:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-018-01	02/17/2010 10:45:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		192		120.2	0.94390184	0.245807771
CSS-IA-018-01	02/17/2010 10:45:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-018-01	02/17/2010 10:45:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-018-01	02/17/2010 10:45:00	1,2-Dichloroethane	107-06-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-018-01	02/17/2010 10:45:00	1,2-Dichloropropane	78-87-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-018-01	02/17/2010 10:45:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		68.7		120.2	0.337739877	0.245807771
CSS-IA-018-01	02/17/2010 10:45:00	1,3-Butadiene	106-99-0	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		1730		54.09	3.827226994	0.110613497
CSS-IA-018-01	02/17/2010 10:45:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-018-01	02/17/2010 10:45:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-018-01	02/17/2010 10:45:00	1,4-Dioxane	123-91-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-018-01	02/17/2010 10:45:00	1-Butanol	71-36-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		127	J	74.12	0.384999591	0.151574642
CSS-IA-018-01	02/17/2010 10:45:00	2-Hexanone	591-78-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-018-01	02/17/2010 10:45:00	3-Hexanone	589-38-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-018-01	02/17/2010 10:45:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-018-01	02/17/2010 10:45:00	Acetone	67-64-1	20	10CC06-03	720 Brandon	Living Quarters	Indoor Air		28000	UJ	58.08	66.51288344	66.51288344
CSS-IA-018-01	02/17/2010 10:45:00	Acetonitrile	75-05-8	20	10CC06-03	720 Brandon	Living Quarters	Indoor Air		4300	J	41.05	7.219427403	1.678936605
CSS-IA-018-01	02/17/2010 10:45:00	Acrolein	107-02-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		2500		56.06	5.732106339	0.687852761
CSS-IA-018-01	02/17/2010 10:45:00	Benzene	71-43-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		1470		78.11	4.696184049	0.159734151
CSS-IA-018-01	02/17/2010 10:45:00	Benzyl chloride	100-44-7	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-018-01	02/17/2010 10:45:00	Bromodichloromethane	75-27-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		55.2		163.83	0.369873865	0.335030675
CSS-IA-018-01	02/17/2010 10:45:00	Bromoform	75-25-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-018-01	02/17/2010 10:45:00	Bromomethane	74-83-9	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-018-01	02/17/2010 10:45:00	Carbon disulfide	75-15-0	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-018-01	02/17/2010 10:45:00	Carbon tetrachloride	56-23-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		73.1		153.82	0.459887198	0.314560327
CSS-IA-018-01	02/17/2010 10:45:00	Chlorobenzene	108-90-7	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-018-01	02/17/2010 10:45:00	Chlorodifluoromethane	75-45-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		221		86.47	0.781589775	0.176830266
CSS-IA-018-01	02/17/2010 10:45:00	Chloroethane	75-00-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-018-01	02/17/2010 10:45:00	Chloroform	67-66-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		224		119.38	1.093706339	0.244130879
CSS-IA-018-01	02/17/2010 10:45:00	Chloromethane	74-87-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		3620		50.49	7.475411043	0.103251534
CSS-IA-018-01	02/17/2010 10:45:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-018-01	02/17/2010 10:45:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-018-01	02/17/2010 10:45:00	Cyclohexane	110-82-7	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		131	J	84.16	0.450918609	0.172106339
CSS-IA-018-01	02/17/2010 10:45:00	Dichlorodifluoromethane	75-71-8	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		510		120.91	2.52204908	0.247259714
CSS-IA-018-01	02/17/2010 10:45:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-018-01	02/17/2010 10:45:00	Ethylbenzene	100-41-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		306		106.17	1.328753374	0.217116564
CSS-IA-018-01	02/17/2010 10:45:00	m,p-Xylene	100-01-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		990		138.13	5.592993865	1.129897751
CSS-IA-018-01	02/17/2010 10:45:00	Methyl ethyl ketone	78-93-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		1310	J	72.11	3.863562372	0.147464213
CSS-IA-018-01	02/17/2010 10:45:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-018-01	02/17/2010 10:45:00	Methyl vinyl ketone	78-94-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		735	J	72.11	2.167723926	0.147464213
CSS-IA-018-01	02/17/2010 10:45:00	Methylene chloride	75-09-2	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		400	U	84.93	1.389447853	1.389447853
CSS-IA-018-01	02/17/2010 10:45:00	n-Hexane	110-54-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		222		86.18	0.782493252	0.176237219
CSS-IA-018-01	02/17/2010 10:45:00	o-Xylene	95-47-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		235		106.17	1.020447853	0.217116564
CSS-IA-018-01	02/17/2010 10:45:00	Pentane	109-66-0	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		582		72.15	1.717435583	0.147546012
CSS-IA-018-01	02/17/2010 10:45:00	Propanal	123-38-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		1150	J	58.08	2.731779141	0.950184049
CSS-IA-018-01	02/17/2010 10:45:00	Propene	115-07-1	20	10CC06-03	720 Brandon	Living Quarters	Indoor Air		9840	J	42.08	16.9352638	1.721063395
CSS-IA-018-01	02/17/2010 10:45:00	Styrene	100-42-5	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		760	J	104.15	3.237382413	0.212985685
CSS-IA-018-01	02/17/2010 10:45:00	Tetrachloroethene	127-18-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-018-01	02/17/2010 10:45:00	Toluene	108-88-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		2670		92.14	10.06191411	0.188425358
CSS-IA-018-01	02/17/2010 10:45:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-018-01	02/17/2010 10:45:00	Trichloroethene	79-01-6	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-018-01	02/17/2010 10:45:00	Trichlorofluoromethane	75-69-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		285		137.37	1.601245399	0.280920245
CSS-IA-018-01	02/17/2010 10:45:00	Vinyl chloride	75-01-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-018-01	02/17/2010 10:45:00	2-Pentanone	107-87-9	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-018-01	02/17/2010 10:45:00	3-Pentanone	96-22-0	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-018-01	02/17/2010 10:45:00	Cyclopentane	287-92-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		57.2		70.1	0.163996728	0.143353783
CSS-IA-018-01	02/17/2010 10:45:00	Isobutene	115-11-7	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		3020		56.11	6.930560327	0.114744376
CSS-IA-018-01	02/17/2010 10:45:00	Isoprene	78-79-5	20	10CC06-03	720 Brandon	Living Quarters	Indoor Air		8740		68.12	24.35046217	2.78609407
CSS-IA-018-01	02/17/2010 10:45:00	Methacrolein	78-85-3	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		479	J	70.09	1.373133333	0.143333333
CSS-IA-018-01	02/17/2010 10:45:00	Methyl iodide	74-88-4	1	10CC06-03	720 Brandon	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-019-01	02/17/2010 13:20:00	1-Propanol	71-23-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-019-01	02/17/2010 13:20:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-019-01	02/17/2010 13:20:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-019-01	02/17/2010 13:20:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		76.9		187.38	0.589346503	0.383190184
CSS-IA-019-01	02/17/2010 13:20:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-019-01	02/17/2010 13:20:00	1,1-Dichloroethane	75-34-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-019-01	02/17/2010 13:20:00	1,1-Dichloroethene	75-35-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-019-01	02/17/2010 13:20:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		51.1		120.2	0.251215542	0.245807771
CSS-IA-019-01	02/17/2010 13:20:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-019-01	02/17/2010 13:20:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		101		120.2	0.496531697	0.245807771
CSS-IA-019-01	02/17/2010 13:20:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-019-01	02/17/2010 13:20:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-019-01	02/17/2010 13:20:00	1,2-Dichloroethane	107-06-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		486		98.96	1.967057669	0.202372188
CSS-IA-019-01	02/17/2010 13:20:00	1,2-Dichloropropane	78-87-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-019-01	02/17/2010 13:20:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-019-01	02/17/2010 13:20:00	1,3-Butadiene	106-99-0	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-019-01	02/17/2010 13:20:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-019-01	02/17/2010 13:20:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-019-01	02/17/2010 13:20:00	1,4-Dioxane	123-91-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-019-01	02/17/2010 13:20:00	1-Butanol	71-36-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	74.12	0.151574642	0.151574642

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-019-01	02/17/2010 13:20:00	2-Hexanone	591-78-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-019-01	02/17/2010 13:20:00	3-Hexanone	589-38-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-019-01	02/17/2010 13:20:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		115	J	100.16	0.471100204	0.204826176
CSS-IA-019-01	02/17/2010 13:20:00	Acetone	67-64-1	10	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		14000	UJ	58.08	33.25644172	33.25644172
CSS-IA-019-01	02/17/2010 13:20:00	Acetonitrile	75-05-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		278	J	41.05	0.466744376	0.08394683
CSS-IA-019-01	02/17/2010 13:20:00	Acrolein	107-02-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		471		56.06	1.079928834	0.687852761
CSS-IA-019-01	02/17/2010 13:20:00	Benzene	71-43-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		226		78.11	0.721998364	0.159734151
CSS-IA-019-01	02/17/2010 13:20:00	Benzyl chloride	100-44-7	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-019-01	02/17/2010 13:20:00	Bromodichloromethane	75-27-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-019-01	02/17/2010 13:20:00	Bromoform	75-25-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-019-01	02/17/2010 13:20:00	Bromomethane	74-83-9	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-019-01	02/17/2010 13:20:00	Carbon disulfide	75-15-0	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-019-01	02/17/2010 13:20:00	Carbon tetrachloride	56-23-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		69.2		153.82	0.435351493	0.314560327
CSS-IA-019-01	02/17/2010 13:20:00	Chlorobenzene	108-90-7	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-019-01	02/17/2010 13:20:00	Chlorodifluoromethane	75-45-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		195		86.47	0.689638037	0.176830266
CSS-IA-019-01	02/17/2010 13:20:00	Chloroethane	75-00-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-019-01	02/17/2010 13:20:00	Chloroform	67-66-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		86.1		119.38	0.420393374	0.244130879
CSS-IA-019-01	02/17/2010 13:20:00	Chloromethane	74-87-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		387		50.49	0.799166871	0.103251534
CSS-IA-019-01	02/17/2010 13:20:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-019-01	02/17/2010 13:20:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-019-01	02/17/2010 13:20:00	Cyclohexane	110-82-7	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		64	J	84.16	0.220296115	0.172106339
CSS-IA-019-01	02/17/2010 13:20:00	Dichlorodifluoromethane	75-71-8	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		452		120.91	2.235227812	0.247259714
CSS-IA-019-01	02/17/2010 13:20:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-019-01	02/17/2010 13:20:00	Ethylbenzene	100-41-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		68.7		106.17	0.29831816	0.217116564
CSS-IA-019-01	02/17/2010 13:20:00	m,p-Xylene	100-01-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-019-01	02/17/2010 13:20:00	Methyl ethyl ketone	78-93-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		1620	J	72.11	4.777840491	0.147464213
CSS-IA-019-01	02/17/2010 13:20:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-019-01	02/17/2010 13:20:00	Methyl vinyl ketone	78-94-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		106	J	72.11	0.312624131	0.147464213
CSS-IA-019-01	02/17/2010 13:20:00	Methylene chloride	75-09-2	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		400	U	84.93	1.389447853	1.389447853
CSS-IA-019-01	02/17/2010 13:20:00	n-Hexane	110-54-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		80.8		86.18	0.284799346	0.176237219
CSS-IA-019-01	02/17/2010 13:20:00	o-Xylene	95-47-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		72		106.17	0.312647853	0.217116564
CSS-IA-019-01	02/17/2010 13:20:00	Pentane	109-66-0	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		681		72.15	2.009576687	0.147546012
CSS-IA-019-01	02/17/2010 13:20:00	Propanal	123-38-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		508	J	58.08	1.206733742	0.950184049
CSS-IA-019-01	02/17/2010 13:20:00	Propene	115-07-1	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		267		42.08	0.459523926	0.08605317
CSS-IA-019-01	02/17/2010 13:20:00	Styrene	100-42-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		76.9	J	104.15	0.327571984	0.212985685
CSS-IA-019-01	02/17/2010 13:20:00	Tetrachloroethene	127-18-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		208		165.83	1.410741922	0.339120654
CSS-IA-019-01	02/17/2010 13:20:00	Toluene	108-88-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		1260		92.14	4.748319018	0.188425358
CSS-IA-019-01	02/17/2010 13:20:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-019-01	02/17/2010 13:20:00	Trichloroethene	79-01-6	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-019-01	02/17/2010 13:20:00	Trichlorofluoromethane	75-69-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		214		137.37	1.20233865	0.280920245
CSS-IA-019-01	02/17/2010 13:20:00	Vinyl chloride	75-01-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-019-01	02/17/2010 13:20:00	2-Pentanone	107-87-9	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-019-01	02/17/2010 13:20:00	3-Pentanone	96-22-0	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-019-01	02/17/2010 13:20:00	Cyclopentane	287-92-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	70.1	0.143353783	0.143353783
CSS-IA-019-01	02/17/2010 13:20:00	Isobutene	115-11-7	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		475		56.11	1.090071575	0.114744376
CSS-IA-019-01	02/17/2010 13:20:00	Isoprene	78-79-5	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		281		68.12	0.782892434	0.139304703
CSS-IA-019-01	02/17/2010 13:20:00	Methacrolein	78-85-3	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		89.8	J	70.09	0.257426667	0.143333333
CSS-IA-019-01	02/17/2010 13:20:00	Methyl iodide	74-88-4	1	10CC06-04	734 S. Wabash	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-020-01	02/17/2010 13:20:00	1-Propanol	71-23-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-020-01	02/17/2010 13:20:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-020-01	02/17/2010 13:20:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-020-01	02/17/2010 13:20:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		74.8		187.38	0.573252515	0.383190184
CSS-IA-020-01	02/17/2010 13:20:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-020-01	02/17/2010 13:20:00	1,1-Dichloroethane	75-34-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-020-01	02/17/2010 13:20:00	1,1-Dichloroethene	75-35-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-020-01	02/17/2010 13:20:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	120.2	0.245807771	0.245807771

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-020-01	02/17/2010 13:20:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-020-01	02/17/2010 13:20:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		52.5		120.2	0.25809816	0.245807771
CSS-IA-020-01	02/17/2010 13:20:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-020-01	02/17/2010 13:20:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-020-01	02/17/2010 13:20:00	1,2-Dichloroethane	107-06-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		62.3		98.96	0.252155746	0.202372188
CSS-IA-020-01	02/17/2010 13:20:00	1,2-Dichloropropane	78-87-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-020-01	02/17/2010 13:20:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-020-01	02/17/2010 13:20:00	1,3-Butadiene	106-99-0	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-020-01	02/17/2010 13:20:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-020-01	02/17/2010 13:20:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-020-01	02/17/2010 13:20:00	1,4-Dioxane	123-91-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-020-01	02/17/2010 13:20:00	1-Butanol	71-36-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-020-01	02/17/2010 13:20:00	2-Hexanone	591-78-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-020-01	02/17/2010 13:20:00	3-Hexanone	589-38-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-020-01	02/17/2010 13:20:00	2-Pentanone	107-87-9	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-020-01	02/17/2010 13:20:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		54.4	J	100.16	0.222850879	0.204826176
CSS-IA-020-01	02/17/2010 13:20:00	Acetone	67-64-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		2050	J	58.08	4.869693252	3.325644172
CSS-IA-020-01	02/17/2010 13:20:00	Acetonitrile	75-05-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	41.05	0.08394683	0.08394683
CSS-IA-020-01	02/17/2010 13:20:00	Acrolein	107-02-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		300	U	56.06	0.687852761	0.687852761
CSS-IA-020-01	02/17/2010 13:20:00	Benzene	71-43-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		158		78.11	0.504759918	0.159734151
CSS-IA-020-01	02/17/2010 13:20:00	Benzyl chloride	100-44-7	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-020-01	02/17/2010 13:20:00	Bromodichloromethane	75-27-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-020-01	02/17/2010 13:20:00	Bromoform	75-25-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-020-01	02/17/2010 13:20:00	Bromomethane	74-83-9	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-020-01	02/17/2010 13:20:00	Carbon disulfide	75-15-0	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-020-01	02/17/2010 13:20:00	Carbon tetrachloride	56-23-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	153.82	0.314560327	0.314560327
CSS-IA-020-01	02/17/2010 13:20:00	Chlorobenzene	108-90-7	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-020-01	02/17/2010 13:20:00	Chlorodifluoromethane	75-45-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		197		86.47	0.696711247	0.176830266
CSS-IA-020-01	02/17/2010 13:20:00	Chloroethane	75-00-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-020-01	02/17/2010 13:20:00	Chloroform	67-66-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	119.38	0.244130879	0.244130879
CSS-IA-020-01	02/17/2010 13:20:00	Chloromethane	74-87-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		367		50.49	0.757866258	0.103251534
CSS-IA-020-01	02/17/2010 13:20:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-020-01	02/17/2010 13:20:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-020-01	02/17/2010 13:20:00	Cyclohexane	110-82-7	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-020-01	02/17/2010 13:20:00	Dichlorodifluoromethane	75-71-8	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		467		120.91	2.309405726	0.247259714
CSS-IA-020-01	02/17/2010 13:20:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-020-01	02/17/2010 13:20:00	Ethylbenzene	100-41-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		54.9		106.17	0.238393988	0.217116564
CSS-IA-020-01	02/17/2010 13:20:00	m,p-Xylene	100-01-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-020-01	02/17/2010 13:20:00	Methyl ethyl ketone	78-93-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		184	J	72.11	0.542668303	0.147464213
CSS-IA-020-01	02/17/2010 13:20:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-020-01	02/17/2010 13:20:00	Methyl vinyl ketone	78-94-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-020-01	02/17/2010 13:20:00	Methylene chloride	75-09-2	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		400	U	84.93	1.389447853	1.389447853
CSS-IA-020-01	02/17/2010 13:20:00	n-Hexane	110-54-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		53.7		86.18	0.189278773	0.176237219
CSS-IA-020-01	02/17/2010 13:20:00	o-Xylene	95-47-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	106.17	0.217116564	0.217116564
CSS-IA-020-01	02/17/2010 13:20:00	Pentane	109-66-0	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		185		72.15	0.545920245	0.147546012
CSS-IA-020-01	02/17/2010 13:20:00	Propanal	123-38-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		400	UJ	58.08	0.950184049	0.950184049
CSS-IA-020-01	02/17/2010 13:20:00	Propene	115-07-1	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		195		42.08	0.335607362	0.08605317
CSS-IA-020-01	02/17/2010 13:20:00	Styrene	100-42-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-020-01	02/17/2010 13:20:00	Tetrachloroethene	127-18-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-020-01	02/17/2010 13:20:00	Toluene	108-88-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		256		92.14	0.964737832	0.188425358
CSS-IA-020-01	02/17/2010 13:20:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-020-01	02/17/2010 13:20:00	Trichloroethene	79-01-6	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-020-01	02/17/2010 13:20:00	Trichlorofluoromethane	75-69-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		212		137.37	1.19110184	0.280920245
CSS-IA-020-01	02/17/2010 13:20:00	Vinyl chloride	75-01-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-020-01	02/17/2010 13:20:00	3-Pentanone	96-22-0	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-020-01	02/17/2010 13:20:00	Cyclopentane	287-92-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	70.1	0.143353783	0.143353783

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-020-01	02/17/2010 13:20:00	Isobutene	115-11-7	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		63.6		56.11	0.145954847	0.114744376
CSS-IA-020-01	02/17/2010 13:20:00	Isoprene	78-79-5	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		52.3		68.12	0.14571272	0.139304703
CSS-IA-020-01	02/17/2010 13:20:00	Methacrolein	78-85-3	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	UJ	70.09	0.143333333	0.143333333
CSS-IA-020-01	02/17/2010 13:20:00	Methyl iodide	74-88-4	1	10CC06-05	734 S. Wabash	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-021-01	02/17/2010 13:20:00	1-Propanol	71-23-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	500	UJ	60.1	1.229038855	1.229038855
CSS-IA-021-01	02/17/2010 13:20:00	2-Pentanone	107-87-9	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	86.13	0.176134969	0.176134969
CSS-IA-021-01	02/17/2010 13:20:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	133.41	0.272822086	0.272822086
CSS-IA-021-01	02/17/2010 13:20:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	167.85	0.343251534	0.343251534
CSS-IA-021-01	02/17/2010 13:20:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	76.5		187.38	0.586280982	0.383190184
CSS-IA-021-01	02/17/2010 13:20:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	133.41	0.272822086	0.272822086
CSS-IA-021-01	02/17/2010 13:20:00	1,1-Dichloroethane	75-34-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	98.96	0.202372188	0.202372188
CSS-IA-021-01	02/17/2010 13:20:00	1,1-Dichloroethene	75-35-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	96.94	0.198241309	0.198241309
CSS-IA-021-01	02/17/2010 13:20:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	120.2	0.245807771	0.245807771
CSS-IA-021-01	02/17/2010 13:20:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	181.45	0.371063395	0.371063395
CSS-IA-021-01	02/17/2010 13:20:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	57.9		120.2	0.284645399	0.245807771
CSS-IA-021-01	02/17/2010 13:20:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	187.86	0.384171779	0.384171779
CSS-IA-021-01	02/17/2010 13:20:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	147	0.300613497	0.300613497
CSS-IA-021-01	02/17/2010 13:20:00	1,2-Dichloroethane	107-06-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	63.7		98.96	0.257822168	0.202372188
CSS-IA-021-01	02/17/2010 13:20:00	1,2-Dichloropropane	78-87-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	112.99	0.231063395	0.231063395
CSS-IA-021-01	02/17/2010 13:20:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	120.2	0.245807771	0.245807771
CSS-IA-021-01	02/17/2010 13:20:00	1,3-Butadiene	106-99-0	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	54.09	0.110613497	0.110613497
CSS-IA-021-01	02/17/2010 13:20:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	147	0.300613497	0.300613497
CSS-IA-021-01	02/17/2010 13:20:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	147	0.300613497	0.300613497
CSS-IA-021-01	02/17/2010 13:20:00	1,4-Dioxane	123-91-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	88.11	0.180184049	0.180184049
CSS-IA-021-01	02/17/2010 13:20:00	1-Butanol	71-36-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	74.12	0.151574642	0.151574642
CSS-IA-021-01	02/17/2010 13:20:00	2-Hexanone	591-78-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	100.16	0.204826176	0.204826176
CSS-IA-021-01	02/17/2010 13:20:00	3-Hexanone	589-38-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	100.16	0.204826176	0.204826176
CSS-IA-021-01	02/17/2010 13:20:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	101	J	100.16	0.413748875	0.204826176
CSS-IA-021-01	02/17/2010 13:20:00	Acetone	67-64-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	1400	UJ	58.08	3.325644172	3.325644172
CSS-IA-021-01	02/17/2010 13:20:00	Acetonitrile	75-05-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	41.05	0.08394683	0.08394683
CSS-IA-021-01	02/17/2010 13:20:00	Acrolein	107-02-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	300	U	56.06	0.687852761	0.687852761
CSS-IA-021-01	02/17/2010 13:20:00	Benzene	71-43-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	157		78.11	0.501565235	0.159734151
CSS-IA-021-01	02/17/2010 13:20:00	Benzyl chloride	100-44-7	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	126.59	0.258875256	0.258875256
CSS-IA-021-01	02/17/2010 13:20:00	Bromodichloromethane	75-27-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	163.83	0.335030675	0.335030675
CSS-IA-021-01	02/17/2010 13:20:00	Bromoform	75-25-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	252.73	0.516830266	0.516830266
CSS-IA-021-01	02/17/2010 13:20:00	Bromomethane	74-83-9	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	94.94	0.194151329	0.194151329
CSS-IA-021-01	02/17/2010 13:20:00	Carbon disulfide	75-15-0	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	200	UJ	76.13	0.622740286	0.622740286
CSS-IA-021-01	02/17/2010 13:20:00	Carbon tetrachloride	56-23-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	67		153.82	0.421510838	0.314560327
CSS-IA-021-01	02/17/2010 13:20:00	Chlorobenzene	108-90-7	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	112.56	0.230184049	0.230184049
CSS-IA-021-01	02/17/2010 13:20:00	Chlorodifluoromethane	75-45-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	198		86.47	0.700247853	0.176830266
CSS-IA-021-01	02/17/2010 13:20:00	Chloroethane	75-00-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	64.52	0.13194274	0.13194274
CSS-IA-021-01	02/17/2010 13:20:00	Chloroform	67-66-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	119.38	0.244130879	0.244130879
CSS-IA-021-01	02/17/2010 13:20:00	Chloromethane	74-87-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	368		50.49	0.759931288	0.103251534
CSS-IA-021-01	02/17/2010 13:20:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	96.94	0.198241309	0.198241309
CSS-IA-021-01	02/17/2010 13:20:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	110.97	0.226932515	0.226932515
CSS-IA-021-01	02/17/2010 13:20:00	Cyclohexane	110-82-7	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	84.16	0.172106339	0.172106339
CSS-IA-021-01	02/17/2010 13:20:00	Dichlorodifluoromethane	75-71-8	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	467		120.91	2.309405726	0.247259714
CSS-IA-021-01	02/17/2010 13:20:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	120.91	0.247259714	0.247259714
CSS-IA-021-01	02/17/2010 13:20:00	Ethylbenzene	100-41-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	59.3		106.17	0.257500245	0.217116564
CSS-IA-021-01	02/17/2010 13:20:00	m,p-Xylene	100-01-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	200	U	138.13	1.129897751	1.129897751
CSS-IA-021-01	02/17/2010 13:20:00	Methyl ethyl ketone	78-93-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	200	J	72.11	0.589856851	0.147464213
CSS-IA-021-01	02/17/2010 13:20:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	88.15	0.180265849	0.180265849
CSS-IA-021-01	02/17/2010 13:20:00	Methyl vinyl ketone	78-94-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	72.11	0.147464213	0.147464213
CSS-IA-021-01	02/17/2010 13:20:00	Methylene chloride	75-09-2	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	400	U	84.93	1.389447853	1.389447853
CSS-IA-021-01	02/17/2010 13:20:00	n-Hexane	110-54-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	56.8		86.18	0.200205481	0.176237219
CSS-IA-021-01	02/17/2010 13:20:00	o-Xylene	95-47-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	58.6		106.17	0.254460613	0.217116564

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-021-01	02/17/2010 13:20:00	Pentane	109-66-0	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	179		72.15	0.528214724	0.147546012
CSS-IA-021-01	02/17/2010 13:20:00	Propanal	123-38-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	400	UJ	58.08	0.950184049	0.950184049
CSS-IA-021-01	02/17/2010 13:20:00	Propene	115-07-1	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	195		42.08	0.335607362	0.08605317
CSS-IA-021-01	02/17/2010 13:20:00	Styrene	100-42-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	104.15	0.212985685	0.212985685
CSS-IA-021-01	02/17/2010 13:20:00	Tetrachloroethene	127-18-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	165.83	0.339120654	0.339120654
CSS-IA-021-01	02/17/2010 13:20:00	Toluene	108-88-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	300		92.14	1.130552147	0.188425358
CSS-IA-021-01	02/17/2010 13:20:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	110.97	0.226932515	0.226932515
CSS-IA-021-01	02/17/2010 13:20:00	Trichloroethene	79-01-6	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	131.39	0.268691207	0.268691207
CSS-IA-021-01	02/17/2010 13:20:00	Trichlorofluoromethane	75-69-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	204		137.37	1.146154601	0.280920245
CSS-IA-021-01	02/17/2010 13:20:00	Vinyl chloride	75-01-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	62.5	0.127811861	0.127811861
CSS-IA-021-01	02/17/2010 13:20:00	3-Pentanone	96-22-0	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	86.13	0.176134969	0.176134969
CSS-IA-021-01	02/17/2010 13:20:00	Cyclopentane	287-92-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	70.1	0.143353783	0.143353783
CSS-IA-021-01	02/17/2010 13:20:00	Isobutene	115-11-7	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	68.8		56.11	0.157888262	0.114744376
CSS-IA-021-01	02/17/2010 13:20:00	Isoprene	78-79-5	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	56.8		68.12	0.158250143	0.139304703
CSS-IA-021-01	02/17/2010 13:20:00	Methacrolein	78-85-3	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	UJ	70.09	0.143333333	0.143333333
CSS-IA-021-01	02/17/2010 13:20:00	Methyl iodide	74-88-4	1	10CC06-06	734 S. Wabash	Basement	Indoor Air	Dup	50	U	141.94	0.290265849	0.290265849
CSS-IA-024-01	02/17/2010 13:37:00	1-Propanol	71-23-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-024-01	02/17/2010 13:37:00	2-Pentanone	107-87-9	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-024-01	02/17/2010 13:37:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-024-01	02/17/2010 13:37:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	167.85	0.343251534	0.343251534
CSS-IA-024-01	02/17/2010 13:37:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		74.3		187.38	0.569420613	0.383190184
CSS-IA-024-01	02/17/2010 13:37:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-024-01	02/17/2010 13:37:00	1,1-Dichloroethane	75-34-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-024-01	02/17/2010 13:37:00	1,1-Dichloroethene	75-35-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-024-01	02/17/2010 13:37:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		564		120.2	2.772711656	0.245807771
CSS-IA-024-01	02/17/2010 13:37:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-024-01	02/17/2010 13:37:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		2800		120.2	13.76523517	0.245807771
CSS-IA-024-01	02/17/2010 13:37:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	187.86	0.384171779	0.384171779
CSS-IA-024-01	02/17/2010 13:37:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	147	0.300613497	0.300613497
CSS-IA-024-01	02/17/2010 13:37:00	1,2-Dichloroethane	107-06-2	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-024-01	02/17/2010 13:37:00	1,2-Dichloropropane	78-87-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	112.99	0.231063395	0.231063395
CSS-IA-024-01	02/17/2010 13:37:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		732		120.2	3.598625767	0.245807771
CSS-IA-024-01	02/17/2010 13:37:00	1,3-Butadiene	106-99-0	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	54.09	0.110613497	0.110613497
CSS-IA-024-01	02/17/2010 13:37:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	147	0.300613497	0.300613497
CSS-IA-024-01	02/17/2010 13:37:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		273		147	1.641349693	0.300613497
CSS-IA-024-01	02/17/2010 13:37:00	1,4-Dioxane	123-91-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-024-01	02/17/2010 13:37:00	1-Butanol	71-36-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-024-01	02/17/2010 13:37:00	2-Hexanone	591-78-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-024-01	02/17/2010 13:37:00	3-Hexanone	589-38-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-024-01	02/17/2010 13:37:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		230	J	100.16	0.942200409	0.204826176
CSS-IA-024-01	02/17/2010 13:37:00	Acetone	67-64-1	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		28000	UJ	58.08	66.51288344	66.51288344
CSS-IA-024-01	02/17/2010 13:37:00	Acetonitrile	75-05-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	41.05	0.08394683	0.08394683
CSS-IA-024-01	02/17/2010 13:37:00	Acrolein	107-02-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		300	U	56.06	0.687852761	0.687852761
CSS-IA-024-01	02/17/2010 13:37:00	Benzene	71-43-2	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		8060		78.11	25.74914519	3.194683027
CSS-IA-024-01	02/17/2010 13:37:00	Benzyl chloride	100-44-7	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-024-01	02/17/2010 13:37:00	Bromodichloromethane	75-27-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	163.83	0.335030675	0.335030675
CSS-IA-024-01	02/17/2010 13:37:00	Bromoform	75-25-2	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	252.73	0.516830266	0.516830266
CSS-IA-024-01	02/17/2010 13:37:00	Bromomethane	74-83-9	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	94.94	0.194151329	0.194151329
CSS-IA-024-01	02/17/2010 13:37:00	Carbon disulfide	75-15-0	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-024-01	02/17/2010 13:37:00	Carbon tetrachloride	56-23-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		67.4		153.82	0.424027321	0.314560327
CSS-IA-024-01	02/17/2010 13:37:00	Chlorobenzene	108-90-7	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	112.56	0.230184049	0.230184049
CSS-IA-024-01	02/17/2010 13:37:00	Chlorodifluoromethane	75-45-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		204		86.47	0.721467485	0.176830266
CSS-IA-024-01	02/17/2010 13:37:00	Chloroethane	75-00-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	64.52	0.13194274	0.13194274
CSS-IA-024-01	02/17/2010 13:37:00	Chloroform	67-66-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		236		119.38	1.152297751	0.244130879
CSS-IA-024-01	02/17/2010 13:37:00	Chloromethane	74-87-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		440		50.49	0.908613497	0.103251534
CSS-IA-024-01	02/17/2010 13:37:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-024-01	02/17/2010 13:37:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-024-01	02/17/2010 13:37:00	Cyclohexane	110-82-7	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		1770	J	84.16	6.092564417	0.172106339
CSS-IA-024-01	02/17/2010 13:37:00	Dichlorodifluoromethane	75-71-8	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		1390		120.91	6.873820041	0.247259714
CSS-IA-024-01	02/17/2010 13:37:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	120.91	0.247259714	0.247259714
CSS-IA-024-01	02/17/2010 13:37:00	Ethylbenzene	100-41-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		3110		106.17	13.50465031	0.217116564
CSS-IA-024-01	02/17/2010 13:37:00	m,p-Xylene	100-01-6	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		8190		138.13	46.26931288	22.59795501
CSS-IA-024-01	02/17/2010 13:37:00	Methyl ethyl ketone	78-93-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		2940	J	72.11	8.670895706	0.147464213
CSS-IA-024-01	02/17/2010 13:37:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-024-01	02/17/2010 13:37:00	Methyl vinyl ketone	78-94-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-024-01	02/17/2010 13:37:00	Methylene chloride	75-09-2	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		400	U	84.93	1.389447853	1.389447853
CSS-IA-024-01	02/17/2010 13:37:00	n-Hexane	110-54-3	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		6470		86.18	22.80509611	3.524744376
CSS-IA-024-01	02/17/2010 13:37:00	o-Xylene	95-47-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		3850		106.17	16.71797546	0.217116564
CSS-IA-024-01	02/17/2010 13:37:00	Pentane	109-66-0	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		27800		72.15	82.03558282	2.950920245
CSS-IA-024-01	02/17/2010 13:37:00	Propanal	123-38-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		430	J	58.08	1.021447853	0.950184049
CSS-IA-024-01	02/17/2010 13:37:00	Propene	115-07-1	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		4570		42.08	7.865259714	0.08605317
CSS-IA-024-01	02/17/2010 13:37:00	Styrene	100-42-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		105	J	104.15	0.447269939	0.212985685
CSS-IA-024-01	02/17/2010 13:37:00	Tetrachloroethene	127-18-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		374		165.83	2.536622495	0.339120654
CSS-IA-024-01	02/17/2010 13:37:00	Toluene	108-88-3	20	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		18500		92.14	69.71738241	3.768507157
CSS-IA-024-01	02/17/2010 13:37:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-024-01	02/17/2010 13:37:00	Trichloroethene	79-01-6	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		55.9		131.39	0.300396769	0.268691207
CSS-IA-024-01	02/17/2010 13:37:00	Trichlorofluoromethane	75-69-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		239		137.37	1.342798773	0.280920245
CSS-IA-024-01	02/17/2010 13:37:00	Vinyl chloride	75-01-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	62.5	0.127811861	0.127811861
CSS-IA-024-01	02/17/2010 13:37:00	3-Pentanone	96-22-0	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-024-01	02/17/2010 13:37:00	Cyclopentane	287-92-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		2070		70.1	5.934846626	0.143353783
CSS-IA-024-01	02/17/2010 13:37:00	Isobutene	115-11-7	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		1830		56.11	4.199644172	0.114744376
CSS-IA-024-01	02/17/2010 13:37:00	Isoprene	78-79-5	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		170		68.12	0.473635992	0.139304703
CSS-IA-024-01	02/17/2010 13:37:00	Methacrolein	78-85-3	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	UJ	70.09	0.143333333	0.143333333
CSS-IA-024-01	02/17/2010 13:37:00	Methyl iodide	74-88-4	1	10CC06-09	1021 Park Avenue	Crawl Space	Crawl Space		50	U	141.94	0.290265849	0.290265849
CSS-IA-022-01	02/17/2010 13:37:00	1-Propanol	71-23-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-022-01	02/17/2010 13:37:00	2-Pentanone	107-87-9	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		155	J	86.13	0.546018405	0.176134969
CSS-IA-022-01	02/17/2010 13:37:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-022-01	02/17/2010 13:37:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-022-01	02/17/2010 13:37:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		72.7		187.38	0.557158528	0.383190184
CSS-IA-022-01	02/17/2010 13:37:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-022-01	02/17/2010 13:37:00	1,1-Dichloroethane	75-34-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-022-01	02/17/2010 13:37:00	1,1-Dichloroethene	75-35-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-022-01	02/17/2010 13:37:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-022-01	02/17/2010 13:37:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-022-01	02/17/2010 13:37:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		117		120.2	0.575190184	0.245807771
CSS-IA-022-01	02/17/2010 13:37:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-022-01	02/17/2010 13:37:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-022-01	02/17/2010 13:37:00	1,2-Dichloroethane	107-06-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		87.8		98.96	0.355365562	0.202372188
CSS-IA-022-01	02/17/2010 13:37:00	1,2-Dichloropropane	78-87-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-022-01	02/17/2010 13:37:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		143		120.2	0.703010225	0.245807771
CSS-IA-022-01	02/17/2010 13:37:00	1,3-Butadiene	106-99-0	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		327		54.09	0.72341227	0.110613497
CSS-IA-022-01	02/17/2010 13:37:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-022-01	02/17/2010 13:37:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-022-01	02/17/2010 13:37:00	1,4-Dioxane	123-91-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-022-01	02/17/2010 13:37:00	1-Butanol	71-36-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		133	J	74.12	0.403188548	0.151574642
CSS-IA-022-01	02/17/2010 13:37:00	2-Hexanone	591-78-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-022-01	02/17/2010 13:37:00	3-Hexanone	589-38-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-022-01	02/17/2010 13:37:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		68.9	J	100.16	0.28225047	0.204826176
CSS-IA-022-01	02/17/2010 13:37:00	Acetone	67-64-1	20	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		28000	UJ	58.08	66.51288344	66.51288344
CSS-IA-022-01	02/17/2010 13:37:00	Acetonitrile	75-05-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		1060	J	41.05	1.779672802	0.08394683
CSS-IA-022-01	02/17/2010 13:37:00	Acrolein	107-02-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		1210		56.06	2.774339468	0.687852761
CSS-IA-022-01	02/17/2010 13:37:00	Benzene	71-43-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		636		78.11	2.031818405	0.159734151

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-022-01	02/17/2010 13:37:00	Benzyl chloride	100-44-7	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-022-01	02/17/2010 13:37:00	Bromodichloromethane	75-27-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		58.6		163.83	0.392655951	0.335030675
CSS-IA-022-01	02/17/2010 13:37:00	Bromoform	75-25-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-022-01	02/17/2010 13:37:00	Bromomethane	74-83-9	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-022-01	02/17/2010 13:37:00	Carbon disulfide	75-15-0	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-022-01	02/17/2010 13:37:00	Carbon tetrachloride	56-23-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		67.3		153.82	0.4233982	0.314560327
CSS-IA-022-01	02/17/2010 13:37:00	Chlorobenzene	108-90-7	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-022-01	02/17/2010 13:37:00	Chlorodifluoromethane	75-45-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		194		86.47	0.686101431	0.176830266
CSS-IA-022-01	02/17/2010 13:37:00	Chloroethane	75-00-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-022-01	02/17/2010 13:37:00	Chloroform	67-66-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		773		119.38	3.774263395	0.244130879
CSS-IA-022-01	02/17/2010 13:37:00	Chloromethane	74-87-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		774		50.49	1.598333742	0.103251534
CSS-IA-022-01	02/17/2010 13:37:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-022-01	02/17/2010 13:37:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-022-01	02/17/2010 13:37:00	Cyclohexane	110-82-7	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		137	J	84.16	0.47157137	0.172106339
CSS-IA-022-01	02/17/2010 13:37:00	Dichlorodifluoromethane	75-71-8	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		879		120.91	4.346825767	0.247259714
CSS-IA-022-01	02/17/2010 13:37:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-022-01	02/17/2010 13:37:00	Ethylbenzene	100-41-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		131		106.17	0.568845399	0.217116564
CSS-IA-022-01	02/17/2010 13:37:00	m,p-Xylene	100-01-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		395		138.13	2.231548057	1.129897751
CSS-IA-022-01	02/17/2010 13:37:00	Methyl ethyl ketone	78-93-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		762	J	72.11	2.247354601	0.147464213
CSS-IA-022-01	02/17/2010 13:37:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-022-01	02/17/2010 13:37:00	Methyl vinyl ketone	78-94-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		207	J	72.11	0.61050184	0.147464213
CSS-IA-022-01	02/17/2010 13:37:00	Methylene chloride	75-09-2	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		499		84.93	1.733336196	1.389447853
CSS-IA-022-01	02/17/2010 13:37:00	n-Hexane	110-54-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		251		86.18	0.884710838	0.176237219
CSS-IA-022-01	02/17/2010 13:37:00	o-Xylene	95-47-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		172		106.17	0.746880982	0.217116564
CSS-IA-022-01	02/17/2010 13:37:00	Pentane	109-66-0	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		702		72.15	2.071546012	0.147546012
CSS-IA-022-01	02/17/2010 13:37:00	Propanal	123-38-6	20	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		11200	J	58.08	26.60515337	19.00368098
CSS-IA-022-01	02/17/2010 13:37:00	Propene	115-07-1	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		4360		42.08	7.503836401	0.08605317
CSS-IA-022-01	02/17/2010 13:37:00	Styrene	100-42-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		295	J	104.15	1.256615542	0.212985685
CSS-IA-022-01	02/17/2010 13:37:00	Tetrachloroethene	127-18-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-022-01	02/17/2010 13:37:00	Toluene	108-88-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		1650		92.14	6.21803681	0.188425358
CSS-IA-022-01	02/17/2010 13:37:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-022-01	02/17/2010 13:37:00	Trichloroethene	79-01-6	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-022-01	02/17/2010 13:37:00	Trichlorofluoromethane	75-69-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		221		137.37	1.241667485	0.280920245
CSS-IA-022-01	02/17/2010 13:37:00	Vinyl chloride	75-01-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-022-01	02/17/2010 13:37:00	3-Pentanone	96-22-0	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-022-01	02/17/2010 13:37:00	Cyclopentane	287-92-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		71.3		70.1	0.204422495	0.143353783
CSS-IA-022-01	02/17/2010 13:37:00	Isobutene	115-11-7	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		819		56.11	1.879512883	0.114744376
CSS-IA-022-01	02/17/2010 13:37:00	Isoprene	78-79-5	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		1640		68.12	4.569194274	0.139304703
CSS-IA-022-01	02/17/2010 13:37:00	Methacrolein	78-85-3	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		119	J	70.09	0.341133333	0.143333333
CSS-IA-022-01	02/17/2010 13:37:00	Methyl iodide	74-88-4	1	10CC06-07	1021 Park Avenue	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-023-01	02/17/2010 13:37:00	1-Propanol	71-23-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-023-01	02/17/2010 13:37:00	2-Pentanone	107-87-9	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-023-01	02/17/2010 13:37:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-023-01	02/17/2010 13:37:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-023-01	02/17/2010 13:37:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		73.9		187.38	0.566355092	0.383190184
CSS-IA-023-01	02/17/2010 13:37:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-023-01	02/17/2010 13:37:00	1,1-Dichloroethane	75-34-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-023-01	02/17/2010 13:37:00	1,1-Dichloroethene	75-35-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-023-01	02/17/2010 13:37:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		153		120.2	0.752171779	0.245807771
CSS-IA-023-01	02/17/2010 13:37:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-023-01	02/17/2010 13:37:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		652		120.2	3.205333333	0.245807771
CSS-IA-023-01	02/17/2010 13:37:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-023-01	02/17/2010 13:37:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-023-01	02/17/2010 13:37:00	1,2-Dichloroethane	107-06-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-023-01	02/17/2010 13:37:00	1,2-Dichloropropane	78-87-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-023-01	02/17/2010 13:37:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		171		120.2	0.840662577	0.245807771

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-023-01	02/17/2010 13:37:00	1,3-Butadiene	106-99-0	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-023-01	02/17/2010 13:37:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-023-01	02/17/2010 13:37:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		159		147	0.95595092	0.300613497
CSS-IA-023-01	02/17/2010 13:37:00	1,4-Dioxane	123-91-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-023-01	02/17/2010 13:37:00	1-Butanol	71-36-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		498	J	74.12	1.509683436	0.151574642
CSS-IA-023-01	02/17/2010 13:37:00	2-Hexanone	591-78-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-023-01	02/17/2010 13:37:00	3-Hexanone	589-38-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-023-01	02/17/2010 13:37:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		195	J	100.16	0.798822086	0.204826176
CSS-IA-023-01	02/17/2010 13:37:00	Acetone	67-64-1	10	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		14000	UJ	58.08	33.25644172	33.25644172
CSS-IA-023-01	02/17/2010 13:37:00	Acetonitrile	75-05-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		274	J	41.05	0.46002863	0.08394683
CSS-IA-023-01	02/17/2010 13:37:00	Acrolein	107-02-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		575		56.06	1.318384458	0.687852761
CSS-IA-023-01	02/17/2010 13:37:00	Benzene	71-43-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		3310		78.11	10.57440082	0.159734151
CSS-IA-023-01	02/17/2010 13:37:00	Benzyl chloride	100-44-7	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-023-01	02/17/2010 13:37:00	Bromodichloromethane	75-27-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-023-01	02/17/2010 13:37:00	Bromoform	75-25-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-023-01	02/17/2010 13:37:00	Bromomethane	74-83-9	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-023-01	02/17/2010 13:37:00	Carbon disulfide	75-15-0	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-023-01	02/17/2010 13:37:00	Carbon tetrachloride	56-23-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		70		153.82	0.440384458	0.314560327
CSS-IA-023-01	02/17/2010 13:37:00	Chlorobenzene	108-90-7	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-023-01	02/17/2010 13:37:00	Chlorodifluoromethane	75-45-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		200		86.47	0.707321063	0.176830266
CSS-IA-023-01	02/17/2010 13:37:00	Chloroethane	75-00-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-023-01	02/17/2010 13:37:00	Chloroform	67-66-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		643		119.38	3.139523108	0.244130879
CSS-IA-023-01	02/17/2010 13:37:00	Chloromethane	74-87-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		487		50.49	1.005669939	0.103251534
CSS-IA-023-01	02/17/2010 13:37:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-023-01	02/17/2010 13:37:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-023-01	02/17/2010 13:37:00	Cyclohexane	110-82-7	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		509	J	84.16	1.752042536	0.172106339
CSS-IA-023-01	02/17/2010 13:37:00	Dichlorodifluoromethane	75-71-8	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		1000		120.91	4.945194274	0.247259714
CSS-IA-023-01	02/17/2010 13:37:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-023-01	02/17/2010 13:37:00	Ethylbenzene	100-41-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		738		106.17	3.204640491	0.217116564
CSS-IA-023-01	02/17/2010 13:37:00	m,p-Xylene	100-01-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		3210		138.13	18.1348589	1.129897751
CSS-IA-023-01	02/17/2010 13:37:00	Methyl ethyl ketone	78-93-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		1150	J	72.11	3.391676892	0.147464213
CSS-IA-023-01	02/17/2010 13:37:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-023-01	02/17/2010 13:37:00	Methyl vinyl ketone	78-94-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		192	J	72.11	0.566262577	0.147464213
CSS-IA-023-01	02/17/2010 13:37:00	Methylene chloride	75-09-2	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		400	U	84.93	1.389447853	1.389447853
CSS-IA-023-01	02/17/2010 13:37:00	n-Hexane	110-54-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		2280		86.18	8.036417178	0.176237219
CSS-IA-023-01	02/17/2010 13:37:00	o-Xylene	95-47-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		377		106.17	1.637058896	0.217116564
CSS-IA-023-01	02/17/2010 13:37:00	Pentane	109-66-0	10	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		8450		72.15	24.93527607	1.475460123
CSS-IA-023-01	02/17/2010 13:37:00	Propanal	123-38-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		824	J	58.08	1.957379141	0.950184049
CSS-IA-023-01	02/17/2010 13:37:00	Propene	115-07-1	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		2430		42.08	4.182184049	0.08605317
CSS-IA-023-01	02/17/2010 13:37:00	Styrene	100-42-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		115	J	104.15	0.489867076	0.212985685
CSS-IA-023-01	02/17/2010 13:37:00	Tetrachloroethene	127-18-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		104		165.83	0.705370961	0.339120654
CSS-IA-023-01	02/17/2010 13:37:00	Toluene	108-88-3	10	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		5470		92.14	20.61373415	1.884253579
CSS-IA-023-01	02/17/2010 13:37:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-023-01	02/17/2010 13:37:00	Trichloroethene	79-01-6	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-023-01	02/17/2010 13:37:00	Trichlorofluoromethane	75-69-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		242		137.37	1.359653988	0.280920245
CSS-IA-023-01	02/17/2010 13:37:00	Vinyl chloride	75-01-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-023-01	02/17/2010 13:37:00	3-Pentanone	96-22-0	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-023-01	02/17/2010 13:37:00	Cyclopentane	287-92-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		487		70.1	1.396265849	0.143353783
CSS-IA-023-01	02/17/2010 13:37:00	Isobutene	115-11-7	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		555		56.11	1.273662577	0.114744376
CSS-IA-023-01	02/17/2010 13:37:00	Isoprene	78-79-5	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		435		68.12	1.21195092	0.139304703
CSS-IA-023-01	02/17/2010 13:37:00	Methacrolein	78-85-3	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		120	J	70.09	0.344	0.143333333
CSS-IA-023-01	02/17/2010 13:37:00	Methyl iodide	74-88-4	1	10CC06-08	1021 Park Avenue	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-025-01	02/17/2010 13:37:00	1-Propanol	71-23-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-025-01	02/17/2010 13:37:00	2-Pentanone	107-87-9	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-025-01	02/17/2010 13:37:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-025-01	02/17/2010 13:37:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	167.85	0.343251534	0.343251534

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-025-01	02/17/2010 13:37:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		70.5		187.38	0.54029816	0.383190184
CSS-IA-025-01	02/17/2010 13:37:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-025-01	02/17/2010 13:37:00	1,1-Dichloroethane	75-34-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-025-01	02/17/2010 13:37:00	1,1-Dichloroethene	75-35-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-025-01	02/17/2010 13:37:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	120.2	0.245807771	0.245807771
CSS-IA-025-01	02/17/2010 13:37:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-025-01	02/17/2010 13:37:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	120.2	0.245807771	0.245807771
CSS-IA-025-01	02/17/2010 13:37:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	187.86	0.384171779	0.384171779
CSS-IA-025-01	02/17/2010 13:37:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	147	0.300613497	0.300613497
CSS-IA-025-01	02/17/2010 13:37:00	1,2-Dichloroethane	107-06-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-025-01	02/17/2010 13:37:00	1,2-Dichloropropane	78-87-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	112.99	0.231063395	0.231063395
CSS-IA-025-01	02/17/2010 13:37:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	120.2	0.245807771	0.245807771
CSS-IA-025-01	02/17/2010 13:37:00	1,3-Butadiene	106-99-0	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	54.09	0.110613497	0.110613497
CSS-IA-025-01	02/17/2010 13:37:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	147	0.300613497	0.300613497
CSS-IA-025-01	02/17/2010 13:37:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	147	0.300613497	0.300613497
CSS-IA-025-01	02/17/2010 13:37:00	1,4-Dioxane	123-91-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-025-01	02/17/2010 13:37:00	1-Butanol	71-36-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-025-01	02/17/2010 13:37:00	2-Hexanone	591-78-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-025-01	02/17/2010 13:37:00	3-Hexanone	589-38-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-025-01	02/17/2010 13:37:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-025-01	02/17/2010 13:37:00	Acetone	67-64-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		1400	UJ	58.08	3.325644172	3.325644172
CSS-IA-025-01	02/17/2010 13:37:00	Acetonitrile	75-05-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		109	J	41.05	0.18300409	0.08394683
CSS-IA-025-01	02/17/2010 13:37:00	Acrolein	107-02-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		300	U	56.06	0.687852761	0.687852761
CSS-IA-025-01	02/17/2010 13:37:00	Benzene	71-43-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		180		78.11	0.575042945	0.159734151
CSS-IA-025-01	02/17/2010 13:37:00	Benzyl chloride	100-44-7	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-025-01	02/17/2010 13:37:00	Bromodichloromethane	75-27-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	163.83	0.335030675	0.335030675
CSS-IA-025-01	02/17/2010 13:37:00	Bromoform	75-25-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	252.73	0.516830266	0.516830266
CSS-IA-025-01	02/17/2010 13:37:00	Bromomethane	74-83-9	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	94.94	0.194151329	0.194151329
CSS-IA-025-01	02/17/2010 13:37:00	Carbon disulfide	75-15-0	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-025-01	02/17/2010 13:37:00	Carbon tetrachloride	56-23-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		60.5		153.82	0.380617996	0.314560327
CSS-IA-025-01	02/17/2010 13:37:00	Chlorobenzene	108-90-7	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	112.56	0.230184049	0.230184049
CSS-IA-025-01	02/17/2010 13:37:00	Chlorodifluoromethane	75-45-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		189		86.47	0.668418405	0.176830266
CSS-IA-025-01	02/17/2010 13:37:00	Chloroethane	75-00-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	64.52	0.13194274	0.13194274
CSS-IA-025-01	02/17/2010 13:37:00	Chloroform	67-66-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	119.38	0.244130879	0.244130879
CSS-IA-025-01	02/17/2010 13:37:00	Chloromethane	74-87-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		464		50.49	0.958174233	0.103251534
CSS-IA-025-01	02/17/2010 13:37:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-025-01	02/17/2010 13:37:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-025-01	02/17/2010 13:37:00	Cyclohexane	110-82-7	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-025-01	02/17/2010 13:37:00	Dichlorodifluoromethane	75-71-8	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		429		120.91	2.121488344	0.247259714
CSS-IA-025-01	02/17/2010 13:37:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	120.91	0.247259714	0.247259714
CSS-IA-025-01	02/17/2010 13:37:00	Ethylbenzene	100-41-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		56.1		106.17	0.243604785	0.217116564
CSS-IA-025-01	02/17/2010 13:37:00	3-Pentanone	96-22-0	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-025-01	02/17/2010 13:37:00	m,p-Xylene	100-01-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		200	U	138.13	1.129897751	1.129897751
CSS-IA-025-01	02/17/2010 13:37:00	Methyl ethyl ketone	78-93-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		79.8	J	72.11	0.235352883	0.147464213
CSS-IA-025-01	02/17/2010 13:37:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-025-01	02/17/2010 13:37:00	Methyl vinyl ketone	78-94-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-025-01	02/17/2010 13:37:00	Methylene chloride	75-09-2	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		400	U	84.93	1.389447853	1.389447853
CSS-IA-025-01	02/17/2010 13:37:00	n-Hexane	110-54-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		89.4		86.18	0.315112147	0.176237219
CSS-IA-025-01	02/17/2010 13:37:00	o-Xylene	95-47-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		53.6		106.17	0.232748957	0.217116564
CSS-IA-025-01	02/17/2010 13:37:00	Pentane	109-66-0	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		177		72.15	0.522312883	0.147546012
CSS-IA-025-01	02/17/2010 13:37:00	Propanal	123-38-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		400	UJ	58.08	0.950184049	0.950184049
CSS-IA-025-01	02/17/2010 13:37:00	Propene	115-07-1	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		171		42.08	0.29430184	0.08605317
CSS-IA-025-01	02/17/2010 13:37:00	Styrene	100-42-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-025-01	02/17/2010 13:37:00	Tetrachloroethene	127-18-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	165.83	0.339120654	0.339120654
CSS-IA-025-01	02/17/2010 13:37:00	Toluene	108-88-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		232		92.14	0.874293661	0.188425358
CSS-IA-025-01	02/17/2010 13:37:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-025-01	02/17/2010 13:37:00	Trichloroethene	79-01-6	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	131.39	0.268691207	0.268691207
CSS-IA-025-01	02/17/2010 13:37:00	Trichlorofluoromethane	75-69-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		194		137.37	1.089970552	0.280920245
CSS-IA-025-01	02/17/2010 13:37:00	Vinyl chloride	75-01-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	62.5	0.127811861	0.127811861
CSS-IA-025-01	02/17/2010 13:37:00	Cyclopentane	287-92-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	70.1	0.143353783	0.143353783
CSS-IA-025-01	02/17/2010 13:37:00	Isobutene	115-11-7	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	56.11	0.114744376	0.114744376
CSS-IA-025-01	02/17/2010 13:37:00	Isoprene	78-79-5	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	68.12	0.139304703	0.139304703
CSS-IA-025-01	02/17/2010 13:37:00	Methacrolein	78-85-3	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	UJ	70.09	0.143333333	0.143333333
CSS-IA-025-01	02/17/2010 13:37:00	Methyl iodide	74-88-4	1	10CC06-10	Outside 1021 Park	Ambient	Ambient		50	U	141.94	0.290265849	0.290265849
CSS-FB-026-01	02/17/2010 14:26:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		133.41		0.272822086
CSS-FB-026-01	02/17/2010 14:26:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		167.85		0.343251534
CSS-FB-026-01	02/17/2010 14:26:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		187.38		0.383190184
CSS-FB-026-01	02/17/2010 14:26:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		133.41		0.272822086
CSS-FB-026-01	02/17/2010 14:26:00	1,1-Dichloroethane	75-34-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		98.96		0.202372188
CSS-FB-026-01	02/17/2010 14:26:00	1,1-Dichloroethene	75-35-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		96.94		0.198241309
CSS-FB-026-01	02/17/2010 14:26:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		120.2		0.245807771
CSS-FB-026-01	02/17/2010 14:26:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		181.45		0.371063395
CSS-FB-026-01	02/17/2010 14:26:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		120.2		0.245807771
CSS-FB-026-01	02/17/2010 14:26:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		187.86		0.384171779
CSS-FB-026-01	02/17/2010 14:26:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		147		0.300613497
CSS-FB-026-01	02/17/2010 14:26:00	1,2-Dichloroethane	107-06-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		98.96		0.202372188
CSS-FB-026-01	02/17/2010 14:26:00	1,2-Dichloropropane	78-87-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		112.99		0.231063395
CSS-FB-026-01	02/17/2010 14:26:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		120.2		0.245807771
CSS-FB-026-01	02/17/2010 14:26:00	1,3-Butadiene	106-99-0	1	10CC06-11		FieldBlank	FieldBlank		Rejected		54.09		0.110613497
CSS-FB-026-01	02/17/2010 14:26:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		147		0.300613497
CSS-FB-026-01	02/17/2010 14:26:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-11		FieldBlank	FieldBlank		Rejected		147		0.300613497
CSS-FB-026-01	02/17/2010 14:26:00	1,4-Dioxane	123-91-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		88.11		0.180184049
CSS-FB-026-01	02/17/2010 14:26:00	1-Butanol	71-36-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		74.12		0.151574642
CSS-FB-026-01	02/17/2010 14:26:00	1-Propanol	71-23-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		60.1		1.229038855
CSS-FB-026-01	02/17/2010 14:26:00	2-Hexanone	591-78-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		100.16		0.204826176
CSS-FB-026-01	02/17/2010 14:26:00	3-Hexanone	589-38-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		100.16		0.204826176
CSS-FB-026-01	02/17/2010 14:26:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		100.16		0.204826176
CSS-FB-026-01	02/17/2010 14:26:00	Acetone	67-64-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		58.08		3.325644172
CSS-FB-026-01	02/17/2010 14:26:00	Acetonitrile	75-05-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		41.05		0.08394683
CSS-FB-026-01	02/17/2010 14:26:00	Acrolein	107-02-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		56.06		0.687852761
CSS-FB-026-01	02/17/2010 14:26:00	Benzene	71-43-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		78.11		0.159734151
CSS-FB-026-01	02/17/2010 14:26:00	Benzyl chloride	100-44-7	1	10CC06-11		FieldBlank	FieldBlank		Rejected		126.59		0.258875256
CSS-FB-026-01	02/17/2010 14:26:00	Bromodichloromethane	75-27-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		163.83		0.335030675
CSS-FB-026-01	02/17/2010 14:26:00	Bromoform	75-25-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		252.73		0.516830266
CSS-FB-026-01	02/17/2010 14:26:00	Bromomethane	74-83-9	1	10CC06-11		FieldBlank	FieldBlank		Rejected		94.94		0.194151329
CSS-FB-026-01	02/17/2010 14:26:00	Carbon disulfide	75-15-0	1	10CC06-11		FieldBlank	FieldBlank		Rejected		76.13		0.622740286
CSS-FB-026-01	02/17/2010 14:26:00	Carbon tetrachloride	56-23-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		153.82		0.314560327
CSS-FB-026-01	02/17/2010 14:26:00	Chlorobenzene	108-90-7	1	10CC06-11		FieldBlank	FieldBlank		Rejected		112.56		0.230184049
CSS-FB-026-01	02/17/2010 14:26:00	Chlorodifluoromethane	75-45-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		86.47		0.176830266
CSS-FB-026-01	02/17/2010 14:26:00	Chloroethane	75-00-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		64.52		0.13194274
CSS-FB-026-01	02/17/2010 14:26:00	Chloroform	67-66-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		119.38		0.244130879
CSS-FB-026-01	02/17/2010 14:26:00	Chloromethane	74-87-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		50.49		0.103251534
CSS-FB-026-01	02/17/2010 14:26:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		96.94		0.198241309
CSS-FB-026-01	02/17/2010 14:26:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		110.97		0.226932515
CSS-FB-026-01	02/17/2010 14:26:00	Cyclohexane	110-82-7	1	10CC06-11		FieldBlank	FieldBlank		Rejected		84.16		0.172106339
CSS-FB-026-01	02/17/2010 14:26:00	Dichlorodifluoromethane	75-71-8	1	10CC06-11		FieldBlank	FieldBlank		Rejected		120.91		0.247259714
CSS-FB-026-01	02/17/2010 14:26:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		120.91		0.247259714
CSS-FB-026-01	02/17/2010 14:26:00	Ethylbenzene	100-41-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		106.17		0.217116564
CSS-FB-026-01	02/17/2010 14:26:00	m,p-Xylene	100-01-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		138.13		1.129897751
CSS-FB-026-01	02/17/2010 14:26:00	Methyl ethyl ketone	78-93-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		72.11		0.147464213
CSS-FB-026-01	02/17/2010 14:26:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		88.15		0.180265849
CSS-FB-026-01	02/17/2010 14:26:00	Methyl vinyl ketone	78-94-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		72.11		0.147464213

Attachment 2, Part 1

February 2010 Vapor Intrusion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-FB-026-01	02/17/2010 14:26:00	Methylene chloride	75-09-2	1	10CC06-11		FieldBlank	FieldBlank		Rejected		84.93		1.389447853
CSS-FB-026-01	02/17/2010 14:26:00	n-Hexane	110-54-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		86.18		0.176237219
CSS-FB-026-01	02/17/2010 14:26:00	o-Xylene	95-47-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		106.17		0.217116564
CSS-FB-026-01	02/17/2010 14:26:00	Pentane	109-66-0	1	10CC06-11		FieldBlank	FieldBlank		Rejected		72.15		0.147546012
CSS-FB-026-01	02/17/2010 14:26:00	Propanal	123-38-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		58.08		0.950184049
CSS-FB-026-01	02/17/2010 14:26:00	Propene	115-07-1	1	10CC06-11		FieldBlank	FieldBlank		Rejected		42.08		0.08605317
CSS-FB-026-01	02/17/2010 14:26:00	Styrene	100-42-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		104.15		0.212985685
CSS-FB-026-01	02/17/2010 14:26:00	Tetrachloroethene	127-18-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		165.83		0.339120654
CSS-FB-026-01	02/17/2010 14:26:00	Toluene	108-88-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		92.14		0.188425358
CSS-FB-026-01	02/17/2010 14:26:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		110.97		0.226932515
CSS-FB-026-01	02/17/2010 14:26:00	Trichloroethene	79-01-6	1	10CC06-11		FieldBlank	FieldBlank		Rejected		131.39		0.268691207
CSS-FB-026-01	02/17/2010 14:26:00	Trichlorofluoromethane	75-69-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		137.37		0.280920245
CSS-FB-026-01	02/17/2010 14:26:00	Vinyl chloride	75-01-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		62.5		0.127811861
CSS-FB-026-01	02/17/2010 14:26:00	2-Pentanone	107-87-9	1	10CC06-11		FieldBlank	FieldBlank		Rejected		86.13		0.176134969
CSS-FB-026-01	02/17/2010 14:26:00	3-Pentanone	96-22-0	1	10CC06-11		FieldBlank	FieldBlank		Rejected		86.13		0.176134969
CSS-FB-026-01	02/17/2010 14:26:00	Cyclopentane	287-92-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		70.1		0.143353783
CSS-FB-026-01	02/17/2010 14:26:00	Isobutene	115-11-7	1	10CC06-11		FieldBlank	FieldBlank		Rejected		56.11		0.114744376
CSS-FB-026-01	02/17/2010 14:26:00	Isoprene	78-79-5	1	10CC06-11		FieldBlank	FieldBlank		Rejected		68.12		0.139304703
CSS-FB-026-01	02/17/2010 14:26:00	Methacrolein	78-85-3	1	10CC06-11		FieldBlank	FieldBlank		Rejected		70.09		0.143333333
CSS-FB-026-01	02/17/2010 14:26:00	Methyl iodide	74-88-4	1	10CC06-11		FieldBlank	FieldBlank		Rejected		141.94		0.290265849
CSS-IA-027-01	02/17/2010 15:57:00	1-Propanol	71-23-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		500	UJ	60.1	1.229038855	1.229038855
CSS-IA-027-01	02/17/2010 15:57:00	2-Pentanone	107-87-9	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-027-01	02/17/2010 15:57:00	3-Pentanone	96-22-0	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-027-01	02/17/2010 15:57:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-027-01	02/17/2010 15:57:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-027-01	02/17/2010 15:57:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		68.7		187.38	0.526503313	0.383190184
CSS-IA-027-01	02/17/2010 15:57:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-027-01	02/17/2010 15:57:00	1,1-Dichloroethane	75-34-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-027-01	02/17/2010 15:57:00	1,1-Dichloroethene	75-35-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-027-01	02/17/2010 15:57:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-027-01	02/17/2010 15:57:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	181.45	0.371063395	0.371063395
CSS-IA-027-01	02/17/2010 15:57:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		82.1		120.2	0.40361636	0.245807771
CSS-IA-027-01	02/17/2010 15:57:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-027-01	02/17/2010 15:57:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-027-01	02/17/2010 15:57:00	1,2-Dichloroethane	107-06-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		81.1		98.96	0.328247689	0.202372188
CSS-IA-027-01	02/17/2010 15:57:00	1,2-Dichloropropane	78-87-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-027-01	02/17/2010 15:57:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-027-01	02/17/2010 15:57:00	1,3-Butadiene	106-99-0	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-027-01	02/17/2010 15:57:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-027-01	02/17/2010 15:57:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	147	0.300613497	0.300613497
CSS-IA-027-01	02/17/2010 15:57:00	1,4-Dioxane	123-91-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-027-01	02/17/2010 15:57:00	1-Butanol	71-36-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-027-01	02/17/2010 15:57:00	2-Hexanone	591-78-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-027-01	02/17/2010 15:57:00	3-Hexanone	589-38-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-027-01	02/17/2010 15:57:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		88.2	J	100.16	0.361313374	0.204826176
CSS-IA-027-01	02/17/2010 15:57:00	Acetone	67-64-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		4630	J	58.08	10.99838037	3.325644172
CSS-IA-027-01	02/17/2010 15:57:00	Acetonitrile	75-05-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	41.05	0.08394683	0.08394683
CSS-IA-027-01	02/17/2010 15:57:00	Acrolein	107-02-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		408		56.06	0.935479755	0.687852761
CSS-IA-027-01	02/17/2010 15:57:00	Benzene	71-43-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		352		78.11	1.124528425	0.159734151
CSS-IA-027-01	02/17/2010 15:57:00	Benzyl chloride	100-44-7	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	126.59	0.258875256	0.258875256
CSS-IA-027-01	02/17/2010 15:57:00	Bromodichloromethane	75-27-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		70.4		163.83	0.47172319	0.335030675
CSS-IA-027-01	02/17/2010 15:57:00	Bromoform	75-25-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-027-01	02/17/2010 15:57:00	Bromomethane	74-83-9	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-027-01	02/17/2010 15:57:00	Carbon disulfide	75-15-0	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		200	UJ	76.13	0.622740286	0.622740286
CSS-IA-027-01	02/17/2010 15:57:00	Carbon tetrachloride	56-23-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		62		153.82	0.390054806	0.314560327
CSS-IA-027-01	02/17/2010 15:57:00	Chlorobenzene	108-90-7	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-027-01	02/17/2010 15:57:00	Chlorodifluoromethane	75-45-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		194		86.47	0.686101431	0.176830266
CSS-IA-027-01	02/17/2010 15:57:00	Chloroethane	75-00-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-027-01	02/17/2010 15:57:00	Chloroform	67-66-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		529		119.38	2.582904703	0.244130879
CSS-IA-027-01	02/17/2010 15:57:00	Chloromethane	74-87-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		397		50.49	0.819817178	0.103251534
CSS-IA-027-01	02/17/2010 15:57:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-027-01	02/17/2010 15:57:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-027-01	02/17/2010 15:57:00	Cyclohexane	110-82-7	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-027-01	02/17/2010 15:57:00	Dichlorodifluoromethane	75-71-8	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		430		120.91	2.126433538	0.247259714
CSS-IA-027-01	02/17/2010 15:57:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-027-01	02/17/2010 15:57:00	Ethylbenzene	100-41-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		75.5		106.17	0.327846012	0.217116564
CSS-IA-027-01	02/17/2010 15:57:00	m,p-Xylene	100-01-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-027-01	02/17/2010 15:57:00	Methyl ethyl ketone	78-93-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		401	J	72.11	1.182662986	0.147464213
CSS-IA-027-01	02/17/2010 15:57:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-027-01	02/17/2010 15:57:00	Methyl vinyl ketone	78-94-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		180	J	72.11	0.530871166	0.147464213
CSS-IA-027-01	02/17/2010 15:57:00	Methylene chloride	75-09-2	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		400	U	84.93	1.389447853	1.389447853
CSS-IA-027-01	02/17/2010 15:57:00	n-Hexane	110-54-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		80.5		86.18	0.283741922	0.176237219
CSS-IA-027-01	02/17/2010 15:57:00	o-Xylene	95-47-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		101		106.17	0.43857546	0.217116564
CSS-IA-027-01	02/17/2010 15:57:00	Pentane	109-66-0	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		258		72.15	0.761337423	0.147546012
CSS-IA-027-01	02/17/2010 15:57:00	Propanal	123-38-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		549	J	58.08	1.304127607	0.950184049
CSS-IA-027-01	02/17/2010 15:57:00	Propene	115-07-1	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		452		42.08	0.777920654	0.08605317
CSS-IA-027-01	02/17/2010 15:57:00	Styrene	100-42-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		86.2	J	104.15	0.367187321	0.212985685
CSS-IA-027-01	02/17/2010 15:57:00	Tetrachloroethene	127-18-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		52.7		165.83	0.35743317	0.339120654
CSS-IA-027-01	02/17/2010 15:57:00	Toluene	108-88-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		793		92.14	2.988426176	0.188425358
CSS-IA-027-01	02/17/2010 15:57:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-027-01	02/17/2010 15:57:00	Trichloroethene	79-01-6	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-027-01	02/17/2010 15:57:00	Trichlorofluoromethane	75-69-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		212		137.37	1.19110184	0.280920245
CSS-IA-027-01	02/17/2010 15:57:00	Vinyl chloride	75-01-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-027-01	02/17/2010 15:57:00	Cyclopentane	287-92-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	70.1	0.143353783	0.143353783
CSS-IA-027-01	02/17/2010 15:57:00	Isobutene	115-11-7	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		148		56.11	0.339643354	0.114744376
CSS-IA-027-01	02/17/2010 15:57:00	Isoprene	78-79-5	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		540		68.12	1.504490798	0.139304703
CSS-IA-027-01	02/17/2010 15:57:00	Methacrolein	78-85-3	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		124	J	70.09	0.355466667	0.143333333
CSS-IA-027-01	02/17/2010 15:57:00	Methyl iodide	74-88-4	1	10CC06-12	1019 W. Harrison	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-028-01	02/18/2010 11:40:00	1-Propanol	71-23-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-028-01	02/18/2010 11:40:00	2-Pentanone	107-87-9	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-028-01	02/18/2010 11:40:00	3-Pentanone	96-22-0	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-028-01	02/18/2010 11:40:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-028-01	02/18/2010 11:40:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-028-01	02/18/2010 11:40:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		81.4		187.38	0.62383362	0.383190184
CSS-IA-028-01	02/18/2010 11:40:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-028-01	02/18/2010 11:40:00	1,1-Dichloroethane	75-34-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-028-01	02/18/2010 11:40:00	1,1-Dichloroethene	75-35-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-028-01	02/18/2010 11:40:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		77.4	J	120.2	0.380510429	0.245807771
CSS-IA-028-01	02/18/2010 11:40:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-028-01	02/18/2010 11:40:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		137	J	120.2	0.673513292	0.245807771
CSS-IA-028-01	02/18/2010 11:40:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-028-01	02/18/2010 11:40:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-028-01	02/18/2010 11:40:00	1,2-Dichloroethane	107-06-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-028-01	02/18/2010 11:40:00	1,2-Dichloropropane	78-87-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-028-01	02/18/2010 11:40:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		63.9		120.2	0.314142331	0.245807771
CSS-IA-028-01	02/18/2010 11:40:00	1,3-Butadiene	106-99-0	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		1150		54.09	2.544110429	0.110613497
CSS-IA-028-01	02/18/2010 11:40:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-028-01	02/18/2010 11:40:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-028-01	02/18/2010 11:40:00	1,4-Dioxane	123-91-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-028-01	02/18/2010 11:40:00	1-Butanol	71-36-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		493	J	74.12	1.494525971	0.151574642
CSS-IA-028-01	02/18/2010 11:40:00	2-Hexanone	591-78-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-028-01	02/18/2010 11:40:00	2-Propanol	67-63-0	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		281	J	60.1	0.690719836	0.122903885

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-028-01	02/18/2010 11:40:00	3-Hexanone	589-38-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-028-01	02/18/2010 11:40:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		56.1	J	100.16	0.229814969	0.204826176
CSS-IA-028-01	02/18/2010 11:40:00	Acetone	67-64-1	10	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		7440	J	58.08	17.67342331	1.187730061
CSS-IA-028-01	02/18/2010 11:40:00	Acetonitrile	75-05-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		3620	J	41.05	6.077750511	0.335787321
CSS-IA-028-01	02/18/2010 11:40:00	Acrolein	107-02-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		1800	J	56.06	4.127116564	0.114642127
CSS-IA-028-01	02/18/2010 11:40:00	Benzene	71-43-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		940		78.11	3.003002045	0.159734151
CSS-IA-028-01	02/18/2010 11:40:00	Benzyl chloride	100-44-7	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-028-01	02/18/2010 11:40:00	Bromodichloromethane	75-27-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-028-01	02/18/2010 11:40:00	Bromoform	75-25-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-028-01	02/18/2010 11:40:00	Bromomethane	74-83-9	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-028-01	02/18/2010 11:40:00	Carbon disulfide	75-15-0	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		54.6	J	76.13	0.170008098	0.155685072
CSS-IA-028-01	02/18/2010 11:40:00	Carbon tetrachloride	56-23-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		68	J	153.82	0.427802045	0.314560327
CSS-IA-028-01	02/18/2010 11:40:00	Chlorobenzene	108-90-7	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-028-01	02/18/2010 11:40:00	Chlorodifluoromethane	75-45-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		189		86.47	0.668418405	0.176830266
CSS-IA-028-01	02/18/2010 11:40:00	Chloroethane	75-00-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-028-01	02/18/2010 11:40:00	Chloroform	67-66-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		97.5		119.38	0.476055215	0.244130879
CSS-IA-028-01	02/18/2010 11:40:00	Chloromethane	74-87-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		1730		50.49	3.572503067	0.103251534
CSS-IA-028-01	02/18/2010 11:40:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-028-01	02/18/2010 11:40:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-028-01	02/18/2010 11:40:00	Cyclohexane	110-82-7	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		503	J	84.16	1.731389775	0.172106339
CSS-IA-028-01	02/18/2010 11:40:00	Dichlorodifluoromethane	75-71-8	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		449		120.91	2.220392229	0.247259714
CSS-IA-028-01	02/18/2010 11:40:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-028-01	02/18/2010 11:40:00	Ethylbenzene	100-41-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		192		106.17	0.833727607	0.217116564
CSS-IA-028-01	02/18/2010 11:40:00	m,p-Xylene	100-01-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		585		138.13	3.30495092	1.129897751
CSS-IA-028-01	02/18/2010 11:40:00	Methyl ethyl ketone	78-93-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		949	J	72.11	2.798870757	0.147464213
CSS-IA-028-01	02/18/2010 11:40:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-028-01	02/18/2010 11:40:00	Methyl vinyl ketone	78-94-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		591	J	72.11	1.743026994	0.147464213
CSS-IA-028-01	02/18/2010 11:40:00	Methylene chloride	75-09-2	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		53		84.93	0.18410184	0.173680982
CSS-IA-028-01	02/18/2010 11:40:00	n-Hexane	110-54-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		155		86.18	0.546335378	0.176237219
CSS-IA-028-01	02/18/2010 11:40:00	o-Xylene	95-47-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		168		106.17	0.729511656	0.217116564
CSS-IA-028-01	02/18/2010 11:40:00	Pentane	109-66-0	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		450		72.15	1.32791411	0.147546012
CSS-IA-028-01	02/18/2010 11:40:00	Propanal	123-38-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		860	J	58.08	2.042895706	0.118773006
CSS-IA-028-01	02/18/2010 11:40:00	Propene	115-07-1	10	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		6830		42.08	11.75486299	0.860531697
CSS-IA-028-01	02/18/2010 11:40:00	Styrene	100-42-5	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		237	J	104.15	1.009552147	0.212985685
CSS-IA-028-01	02/18/2010 11:40:00	Tetrachloroethene	127-18-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-028-01	02/18/2010 11:40:00	Toluene	108-88-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		1620		92.14	6.104981595	0.188425358
CSS-IA-028-01	02/18/2010 11:40:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-028-01	02/18/2010 11:40:00	Trichloroethene	79-01-6	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-028-01	02/18/2010 11:40:00	Trichlorofluoromethane	75-69-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		224		137.37	1.258522699	0.280920245
CSS-IA-028-01	02/18/2010 11:40:00	Vinyl chloride	75-01-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-028-01	02/18/2010 11:40:00	Cyclopentane	287-92-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		57.1		70.1	0.16371002	0.143353783
CSS-IA-028-01	02/18/2010 11:40:00	Isobutene	115-11-7	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		1690		56.11	3.878359918	0.114744376
CSS-IA-028-01	02/18/2010 11:40:00	Isoprene	78-79-5	10	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		7880		68.12	21.95442127	1.393047035
CSS-IA-028-01	02/18/2010 11:40:00	Methacrolein	78-85-3	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		438		70.09	1.2556	0.143333333
CSS-IA-028-01	02/18/2010 11:40:00	Methyl iodide	74-88-4	1	10CC06-13	740 S. Leeds	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-029-01	02/19/2010 10:36:00	1-Propanol	71-23-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		227	J	60.1	0.55798364	0.516196319
CSS-IA-029-01	02/19/2010 10:36:00	2-Pentanone	107-87-9	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-029-01	02/19/2010 10:36:00	3-Pentanone	96-22-0	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-029-01	02/19/2010 10:36:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-029-01	02/19/2010 10:36:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	167.85	0.343251534	0.343251534
CSS-IA-029-01	02/19/2010 10:36:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		89		187.38	0.682078528	0.383190184
CSS-IA-029-01	02/19/2010 10:36:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-029-01	02/19/2010 10:36:00	1,1-Dichloroethane	75-34-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-029-01	02/19/2010 10:36:00	1,1-Dichloroethene	75-35-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-029-01	02/19/2010 10:36:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-029-01	02/19/2010 10:36:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		520	UJ	181.45	3.859059305	3.859059305

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-029-01	02/19/2010 10:36:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		91.5	J	120.2	0.449828221	0.245807771
CSS-IA-029-01	02/19/2010 10:36:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	187.86	0.384171779	0.384171779
CSS-IA-029-01	02/19/2010 10:36:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	147	0.300613497	0.300613497
CSS-IA-029-01	02/19/2010 10:36:00	1,2-Dichloroethane	107-06-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-029-01	02/19/2010 10:36:00	1,2-Dichloropropane	78-87-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	112.99	0.231063395	0.231063395
CSS-IA-029-01	02/19/2010 10:36:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	120.2	0.245807771	0.245807771
CSS-IA-029-01	02/19/2010 10:36:00	1,3-Butadiene	106-99-0	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	54.09	0.110613497	0.110613497
CSS-IA-029-01	02/19/2010 10:36:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	147	0.300613497	0.300613497
CSS-IA-029-01	02/19/2010 10:36:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	147	0.300613497	0.300613497
CSS-IA-029-01	02/19/2010 10:36:00	1,4-Dioxane	123-91-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-029-01	02/19/2010 10:36:00	1-Butanol	71-36-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-029-01	02/19/2010 10:36:00	2-Hexanone	591-78-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-029-01	02/19/2010 10:36:00	2-Propanol	67-63-0	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-029-01	02/19/2010 10:36:00	3-Hexanone	589-38-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-029-01	02/19/2010 10:36:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-029-01	02/19/2010 10:36:00	Acetone	67-64-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		1980	J	58.08	4.703411043	0.118773006
CSS-IA-029-01	02/19/2010 10:36:00	Acetonitrile	75-05-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		419	J	41.05	0.703474438	0.335787321
CSS-IA-029-01	02/19/2010 10:36:00	Acrolein	107-02-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	56.06	0.114642127	0.114642127
CSS-IA-029-01	02/19/2010 10:36:00	Benzene	71-43-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		193		78.11	0.616573824	0.159734151
CSS-IA-029-01	02/19/2010 10:36:00	Benzyl chloride	100-44-7	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	126.59	0.258875256	0.258875256
CSS-IA-029-01	02/19/2010 10:36:00	Bromodichloromethane	75-27-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	163.83	0.335030675	0.335030675
CSS-IA-029-01	02/19/2010 10:36:00	Bromoform	75-25-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	252.73	0.516830266	0.516830266
CSS-IA-029-01	02/19/2010 10:36:00	Bromomethane	74-83-9	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	94.94	0.194151329	0.194151329
CSS-IA-029-01	02/19/2010 10:36:00	Carbon disulfide	75-15-0	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		93	J	76.13	0.289574233	0.155685072
CSS-IA-029-01	02/19/2010 10:36:00	Carbon tetrachloride	56-23-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		77.5	J	153.82	0.487568507	0.314560327
CSS-IA-029-01	02/19/2010 10:36:00	Chlorobenzene	108-90-7	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	112.56	0.230184049	0.230184049
CSS-IA-029-01	02/19/2010 10:36:00	Chlorodifluoromethane	75-45-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		422		86.47	1.492447444	0.176830266
CSS-IA-029-01	02/19/2010 10:36:00	Chloroethane	75-00-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	64.52	0.13194274	0.13194274
CSS-IA-029-01	02/19/2010 10:36:00	Chloroform	67-66-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		242		119.38	1.181593456	0.244130879
CSS-IA-029-01	02/19/2010 10:36:00	Chloromethane	74-87-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		386		50.49	0.79710184	0.103251534
CSS-IA-029-01	02/19/2010 10:36:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-029-01	02/19/2010 10:36:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-029-01	02/19/2010 10:36:00	Cyclohexane	110-82-7	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		128	J	84.16	0.440592229	0.172106339
CSS-IA-029-01	02/19/2010 10:36:00	Dichlorodifluoromethane	75-71-8	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		480		120.91	2.373693252	0.247259714
CSS-IA-029-01	02/19/2010 10:36:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	120.91	0.247259714	0.247259714
CSS-IA-029-01	02/19/2010 10:36:00	Ethylbenzene	100-41-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		80.3		106.17	0.348689202	0.217116564
CSS-IA-029-01	02/19/2010 10:36:00	m,p-Xylene	100-01-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		210		138.13	1.186392638	1.129897751
CSS-IA-029-01	02/19/2010 10:36:00	Methyl ethyl ketone	78-93-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		162	J	72.11	0.477784049	0.147464213
CSS-IA-029-01	02/19/2010 10:36:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-029-01	02/19/2010 10:36:00	Methyl vinyl ketone	78-94-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-029-01	02/19/2010 10:36:00	Methylene chloride	75-09-2	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		212		84.93	0.736407362	0.173680982
CSS-IA-029-01	02/19/2010 10:36:00	n-Hexane	110-54-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		236		86.18	0.831839673	0.176237219
CSS-IA-029-01	02/19/2010 10:36:00	o-Xylene	95-47-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		78.6		106.17	0.341307239	0.217116564
CSS-IA-029-01	02/19/2010 10:36:00	Pentane	109-66-0	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		286		72.15	0.84396319	0.147546012
CSS-IA-029-01	02/19/2010 10:36:00	Propanal	123-38-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		392	J	58.08	0.931180368	0.118773006
CSS-IA-029-01	02/19/2010 10:36:00	Propene	115-07-1	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		202		42.08	0.347654806	0.08605317
CSS-IA-029-01	02/19/2010 10:36:00	Styrene	100-42-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		56.8	J	104.15	0.241951738	0.212985685
CSS-IA-029-01	02/19/2010 10:36:00	Tetrachloroethene	127-18-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	165.83	0.339120654	0.339120654
CSS-IA-029-01	02/19/2010 10:36:00	Toluene	108-88-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		299		92.14	1.12678364	0.188425358
CSS-IA-029-01	02/19/2010 10:36:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-029-01	02/19/2010 10:36:00	Trichloroethene	79-01-6	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	131.39	0.268691207	0.268691207
CSS-IA-029-01	02/19/2010 10:36:00	Trichlorofluoromethane	75-69-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		1060		137.37	5.955509202	0.280920245
CSS-IA-029-01	02/19/2010 10:36:00	Vinyl chloride	75-01-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	62.5	0.127811861	0.127811861
CSS-IA-029-01	02/19/2010 10:36:00	Cyclopentane	287-92-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		56.8		70.1	0.162849898	0.143353783
CSS-IA-029-01	02/19/2010 10:36:00	Isobutene	115-11-7	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		85.8		56.11	0.19690135	0.114744376
CSS-IA-029-01	02/19/2010 10:36:00	Isoprene	78-79-5	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		116		68.12	0.323186912	0.139304703

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-029-01	02/19/2010 10:36:00	Methacrolein	78-85-3	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		61.7		70.09	0.176873333	0.143333333
CSS-IA-029-01	02/19/2010 10:36:00	Methyl iodide	74-88-4	1	10CC06-14	1019 W. Harrison	Crawl Space	Crawl Space		50	U	141.94	0.290265849	0.290265849
CSS-IA-030-01	02/19/2010 10:52:00	1-Propanol	71-23-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		626	J, K	60.1	1.538756646	0.516196319
CSS-IA-030-01	02/19/2010 10:52:00	2-Pentanone	107-87-9	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		63.6	J, K	86.13	0.224043681	0.176134969
CSS-IA-030-01	02/19/2010 10:52:00	3-Pentanone	96-22-0	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-030-01	02/19/2010 10:52:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		73.7	K	133.41	0.402139755	0.272822086
CSS-IA-030-01	02/19/2010 10:52:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-030-01	02/19/2010 10:52:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		117	K	187.38	0.896665031	0.383190184
CSS-IA-030-01	02/19/2010 10:52:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-030-01	02/19/2010 10:52:00	1,1-Dichloroethane	75-34-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-030-01	02/19/2010 10:52:00	1,1-Dichloroethene	75-35-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-030-01	02/19/2010 10:52:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		262	J, K	120.2	1.28803272	0.245807771
CSS-IA-030-01	02/19/2010 10:52:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-030-01	02/19/2010 10:52:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		527	J, K	120.2	2.590813906	0.245807771
CSS-IA-030-01	02/19/2010 10:52:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-030-01	02/19/2010 10:52:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-030-01	02/19/2010 10:52:00	1,2-Dichloroethane	107-06-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-030-01	02/19/2010 10:52:00	1,2-Dichloropropane	78-87-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-030-01	02/19/2010 10:52:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		168	K	120.2	0.82591411	0.245807771
CSS-IA-030-01	02/19/2010 10:52:00	1,3-Butadiene	106-99-0	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		168	K	54.09	0.37166135	0.110613497
CSS-IA-030-01	02/19/2010 10:52:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-030-01	02/19/2010 10:52:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-030-01	02/19/2010 10:52:00	1,4-Dioxane	123-91-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-030-01	02/19/2010 10:52:00	1-Butanol	71-36-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-030-01	02/19/2010 10:52:00	2-Hexanone	591-78-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-030-01	02/19/2010 10:52:00	2-Propanol	67-63-0	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-030-01	02/19/2010 10:52:00	3-Hexanone	589-38-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-030-01	02/19/2010 10:52:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		90	J, K	100.16	0.368687117	0.204826176
CSS-IA-030-01	02/19/2010 10:52:00	Acetone	67-64-1	10	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		9910	J, K	58.08	23.54080982	1.187730061
CSS-IA-030-01	02/19/2010 10:52:00	Acetonitrile	75-05-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-030-01	02/19/2010 10:52:00	Acrolein	107-02-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		996	J, K	56.06	2.283671166	0.114642127
CSS-IA-030-01	02/19/2010 10:52:00	Benzene	71-43-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		545	K	78.11	1.741102249	0.159734151
CSS-IA-030-01	02/19/2010 10:52:00	Benzyl chloride	100-44-7	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-030-01	02/19/2010 10:52:00	Bromodichloromethane	75-27-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		98.1	K	163.83	0.657330184	0.335030675
CSS-IA-030-01	02/19/2010 10:52:00	Bromoform	75-25-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		59.8	K	252.73	0.618128998	0.516830266
CSS-IA-030-01	02/19/2010 10:52:00	Bromomethane	74-83-9	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-030-01	02/19/2010 10:52:00	Carbon disulfide	75-15-0	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		124	J, K	76.13	0.386098978	0.155685072
CSS-IA-030-01	02/19/2010 10:52:00	Carbon tetrachloride	56-23-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		77.5	J, K	153.82	0.487568507	0.314560327
CSS-IA-030-01	02/19/2010 10:52:00	Chlorobenzene	108-90-7	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-030-01	02/19/2010 10:52:00	Chlorodifluoromethane	75-45-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		1800	K	86.47	6.365889571	0.176830266
CSS-IA-030-01	02/19/2010 10:52:00	Chloroethane	75-00-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-030-01	02/19/2010 10:52:00	Chloroform	67-66-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		407	K	119.38	1.987225358	0.244130879
CSS-IA-030-01	02/19/2010 10:52:00	Chloromethane	74-87-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		484	K	50.49	0.999474847	0.103251534
CSS-IA-030-01	02/19/2010 10:52:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-030-01	02/19/2010 10:52:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-030-01	02/19/2010 10:52:00	Cyclohexane	110-82-7	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		147	J, K	84.16	0.505992638	0.172106339
CSS-IA-030-01	02/19/2010 10:52:00	Dichlorodifluoromethane	75-71-8	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		2910	K	120.91	14.39051534	0.247259714
CSS-IA-030-01	02/19/2010 10:52:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-030-01	02/19/2010 10:52:00	Ethylbenzene	100-41-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		220	K	106.17	0.955312883	0.217116564
CSS-IA-030-01	02/19/2010 10:52:00	m,p-Xylene	100-01-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		564	K	138.13	3.186311656	1.129897751
CSS-IA-030-01	02/19/2010 10:52:00	Methyl ethyl ketone	78-93-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		766	J, K	72.11	2.259151738	0.147464213
CSS-IA-030-01	02/19/2010 10:52:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-030-01	02/19/2010 10:52:00	Methyl vinyl ketone	78-94-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		331	J, K	72.11	0.976213088	0.147464213
CSS-IA-030-01	02/19/2010 10:52:00	Methylene chloride	75-09-2	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		159	K	84.93	0.552305521	0.173680982
CSS-IA-030-01	02/19/2010 10:52:00	n-Hexane	110-54-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		214	K	86.18	0.754295297	0.176237219
CSS-IA-030-01	02/19/2010 10:52:00	o-Xylene	95-47-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		252	K	106.17	1.094267485	0.217116564

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-030-01	02/19/2010 10:52:00	Pentane	109-66-0	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		732	K	72.15	2.16007362	0.147546012
CSS-IA-030-01	02/19/2010 10:52:00	Propanal	123-38-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		1120	J, K	58.08	2.660515337	0.118773006
CSS-IA-030-01	02/19/2010 10:52:00	Propene	115-07-1	10	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		7380	K	42.08	12.70144785	0.860531697
CSS-IA-030-01	02/19/2010 10:52:00	Styrene	100-42-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		284	K, J	104.15	1.209758691	0.212985685
CSS-IA-030-01	02/19/2010 10:52:00	Tetrachloroethene	127-18-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		4340	K	165.83	29.4356728	0.339120654
CSS-IA-030-01	02/19/2010 10:52:00	Toluene	108-88-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		1470	K	92.14	5.539705521	0.188425358
CSS-IA-030-01	02/19/2010 10:52:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-030-01	02/19/2010 10:52:00	Trichloroethene	79-01-6	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-030-01	02/19/2010 10:52:00	Trichlorofluoromethane	75-69-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		326	K	137.37	1.8316	0.280920245
CSS-IA-030-01	02/19/2010 10:52:00	Vinyl chloride	75-01-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-030-01	02/19/2010 10:52:00	Cyclopentane	287-92-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		70.4	K	70.1	0.201842127	0.143353783
CSS-IA-030-01	02/19/2010 10:52:00	Isobutene	115-11-7	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		342	K	56.11	0.784851534	0.114744376
CSS-IA-030-01	02/19/2010 10:52:00	Isoprene	78-79-5	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		1190	K	68.12	3.315451943	0.139304703
CSS-IA-030-01	02/19/2010 10:52:00	Methacrolein	78-85-3	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		226	K	70.09	0.647866667	0.143333333
CSS-IA-030-01	02/19/2010 10:52:00	Methyl iodide	74-88-4	1	10CC06-15	724 S. Wabash	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-031-01	02/19/2010 10:52:00	1-Propanol	71-23-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		498	J, K	60.1	1.224122699	0.516196319
CSS-IA-031-01	02/19/2010 10:52:00	2-Pentanone	107-87-9	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-031-01	02/19/2010 10:52:00	3-Pentanone	96-22-0	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-031-01	02/19/2010 10:52:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		67.7	K	133.41	0.369401104	0.272822086
CSS-IA-031-01	02/19/2010 10:52:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-031-01	02/19/2010 10:52:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		112	K	187.38	0.858346012	0.383190184
CSS-IA-031-01	02/19/2010 10:52:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-031-01	02/19/2010 10:52:00	1,1-Dichloroethane	75-34-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-031-01	02/19/2010 10:52:00	1,1-Dichloroethene	75-35-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-031-01	02/19/2010 10:52:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		254	J, K	120.2	1.248703476	0.245807771
CSS-IA-031-01	02/19/2010 10:52:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-031-01	02/19/2010 10:52:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		548	J, K	120.2	2.69405317	0.245807771
CSS-IA-031-01	02/19/2010 10:52:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-031-01	02/19/2010 10:52:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-031-01	02/19/2010 10:52:00	1,2-Dichloroethane	107-06-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-031-01	02/19/2010 10:52:00	1,2-Dichloropropane	78-87-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-031-01	02/19/2010 10:52:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		184	K	120.2	0.904572597	0.245807771
CSS-IA-031-01	02/19/2010 10:52:00	1,3-Butadiene	106-99-0	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		143	K	54.09	0.316354601	0.110613497
CSS-IA-031-01	02/19/2010 10:52:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-031-01	02/19/2010 10:52:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-031-01	02/19/2010 10:52:00	1,4-Dioxane	123-91-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-031-01	02/19/2010 10:52:00	1-Butanol	71-36-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		159	J, K	74.12	0.482007362	0.151574642
CSS-IA-031-01	02/19/2010 10:52:00	2-Hexanone	591-78-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-031-01	02/19/2010 10:52:00	2-Propanol	67-63-0	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-031-01	02/19/2010 10:52:00	3-Hexanone	589-38-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-031-01	02/19/2010 10:52:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		89.5	J, K	100.16	0.366638855	0.204826176
CSS-IA-031-01	02/19/2010 10:52:00	Acetone	67-64-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		10900	J, K	58.08	25.89251534	0.118773006
CSS-IA-031-01	02/19/2010 10:52:00	Acetonitrile	75-05-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		200	UJ, K	41.05	0.335787321	0.335787321
CSS-IA-031-01	02/19/2010 10:52:00	Acrolein	107-02-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		968	K, J	56.06	2.219471575	0.114642127
CSS-IA-031-01	02/19/2010 10:52:00	Benzene	71-43-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		462	K	78.11	1.475943558	0.159734151
CSS-IA-031-01	02/19/2010 10:52:00	Benzyl chloride	100-44-7	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-031-01	02/19/2010 10:52:00	Bromodichloromethane	75-27-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		75.8	K	163.83	0.507906503	0.335030675
CSS-IA-031-01	02/19/2010 10:52:00	Bromoform	75-25-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		60.7	K	252.73	0.627431943	0.516830266
CSS-IA-031-01	02/19/2010 10:52:00	Bromomethane	74-83-9	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-031-01	02/19/2010 10:52:00	Carbon disulfide	75-15-0	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		141	J, K	76.13	0.439031902	0.155685072
CSS-IA-031-01	02/19/2010 10:52:00	Carbon tetrachloride	56-23-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		84.3	J, K	153.82	0.530348712	0.314560327
CSS-IA-031-01	02/19/2010 10:52:00	Chlorobenzene	108-90-7	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-031-01	02/19/2010 10:52:00	Chlorodifluoromethane	75-45-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		2020	K	86.47	7.14394274	0.176830266
CSS-IA-031-01	02/19/2010 10:52:00	Chloroethane	75-00-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-031-01	02/19/2010 10:52:00	Chloroform	67-66-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		318	K	119.38	1.552672393	0.244130879
CSS-IA-031-01	02/19/2010 10:52:00	Chloromethane	74-87-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		521	K	50.49	1.075880982	0.103251534

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-031-01	02/19/2010 10:52:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-031-01	02/19/2010 10:52:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-031-01	02/19/2010 10:52:00	Cyclohexane	110-82-7	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		165	J, K	84.16	0.56795092	0.172106339
CSS-IA-031-01	02/19/2010 10:52:00	Dichlorodifluoromethane	75-71-8	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		3230	K	120.91	15.97297751	0.247259714
CSS-IA-031-01	02/19/2010 10:52:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-031-01	02/19/2010 10:52:00	Ethylbenzene	100-41-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		218	K	106.17	0.946628221	0.217116564
CSS-IA-031-01	02/19/2010 10:52:00	m,p-Xylene	100-01-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		569	K	138.13	3.2145591	1.129897751
CSS-IA-031-01	02/19/2010 10:52:00	Cyclopentane	287-92-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		80.7	K	70.1	0.231373006	0.143353783
CSS-IA-031-01	02/19/2010 10:52:00	Methyl ethyl ketone	78-93-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		698	J, K	72.11	2.058600409	0.147464213
CSS-IA-031-01	02/19/2010 10:52:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-031-01	02/19/2010 10:52:00	Methyl vinyl ketone	78-94-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		174	J, K	72.11	0.51317546	0.147464213
CSS-IA-031-01	02/19/2010 10:52:00	Methylene chloride	75-09-2	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		143	K	84.93	0.496727607	0.173680982
CSS-IA-031-01	02/19/2010 10:52:00	n-Hexane	110-54-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		261	K	86.18	0.919958282	0.176237219
CSS-IA-031-01	02/19/2010 10:52:00	o-Xylene	95-47-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		258	K	106.17	1.120321472	0.217116564
CSS-IA-031-01	02/19/2010 10:52:00	Pentane	109-66-0	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		785	K	72.15	2.316472393	0.147546012
CSS-IA-031-01	02/19/2010 10:52:00	Propanal	123-38-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		783	J, K	58.08	1.859985276	0.118773006
CSS-IA-031-01	02/19/2010 10:52:00	Propene	115-07-1	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		3510	K	42.08	6.040932515	0.08605317
CSS-IA-031-01	02/19/2010 10:52:00	Styrene	100-42-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		283	J, K	104.15	1.205498978	0.212985685
CSS-IA-031-01	02/19/2010 10:52:00	Tetrachloroethene	127-18-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		3960	K	165.83	26.85835583	0.339120654
CSS-IA-031-01	02/19/2010 10:52:00	Toluene	108-88-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		1510	K	92.14	5.690445808	0.188425358
CSS-IA-031-01	02/19/2010 10:52:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-031-01	02/19/2010 10:52:00	Trichloroethene	79-01-6	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-031-01	02/19/2010 10:52:00	Trichlorofluoromethane	75-69-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		339	K	137.37	1.904639264	0.280920245
CSS-IA-031-01	02/19/2010 10:52:00	Vinyl chloride	75-01-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-031-01	02/19/2010 10:52:00	Isobutene	115-11-7	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		330	K	56.11	0.757312883	0.114744376
CSS-IA-031-01	02/19/2010 10:52:00	Isoprene	78-79-5	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		1330	K	68.12	3.705505112	0.139304703
CSS-IA-031-01	02/19/2010 10:52:00	Methacrolein	78-85-3	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		164	K	70.09	0.470133333	0.143333333
CSS-IA-031-01	02/19/2010 10:52:00	Methyl iodide	74-88-4	1	10CC06-16	724 S. Wabash	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-032-01	02/19/2010 11:00:00	1-Propanol	71-23-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-032-01	02/19/2010 11:00:00	2-Pentanone	107-87-9	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-032-01	02/19/2010 11:00:00	3-Pentanone	96-22-0	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-032-01	02/19/2010 11:00:00	Cyclopentane	287-92-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	70.1	0.143353783	0.143353783
CSS-IA-032-01	02/19/2010 11:00:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-032-01	02/19/2010 11:00:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-032-01	02/19/2010 11:00:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		86.1		187.38	0.659853497	0.383190184
CSS-IA-032-01	02/19/2010 11:00:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-032-01	02/19/2010 11:00:00	1,1-Dichloroethane	75-34-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-032-01	02/19/2010 11:00:00	1,1-Dichloroethene	75-35-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-032-01	02/19/2010 11:00:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-032-01	02/19/2010 11:00:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-032-01	02/19/2010 11:00:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		72.5	J	120.2	0.356421268	0.245807771
CSS-IA-032-01	02/19/2010 11:00:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-032-01	02/19/2010 11:00:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-032-01	02/19/2010 11:00:00	1,2-Dichloroethane	107-06-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-032-01	02/19/2010 11:00:00	1,2-Dichloropropane	78-87-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-032-01	02/19/2010 11:00:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		84		120.2	0.412957055	0.245807771
CSS-IA-032-01	02/19/2010 11:00:00	1,3-Butadiene	106-99-0	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-032-01	02/19/2010 11:00:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-032-01	02/19/2010 11:00:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-032-01	02/19/2010 11:00:00	1,4-Dioxane	123-91-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-032-01	02/19/2010 11:00:00	1-Butanol	71-36-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		181	J	74.12	0.548700204	0.151574642
CSS-IA-032-01	02/19/2010 11:00:00	2-Hexanone	591-78-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-032-01	02/19/2010 11:00:00	2-Propanol	67-63-0	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-032-01	02/19/2010 11:00:00	3-Hexanone	589-38-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-032-01	02/19/2010 11:00:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		86	J	100.16	0.352301022	0.204826176
CSS-IA-032-01	02/19/2010 11:00:00	Acetone	67-64-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		5490	J	58.08	13.04127607	0.118773006

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-032-01	02/19/2010 11:00:00	Acetonitrile	75-05-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-032-01	02/19/2010 11:00:00	Acrolein	107-02-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		343	J	56.06	0.78644499	0.114642127
CSS-IA-032-01	02/19/2010 11:00:00	Benzene	71-43-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		222		78.11	0.709219632	0.159734151
CSS-IA-032-01	02/19/2010 11:00:00	Benzyl chloride	100-44-7	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-032-01	02/19/2010 11:00:00	Bromodichloromethane	75-27-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		56.1		163.83	0.375904417	0.335030675
CSS-IA-032-01	02/19/2010 11:00:00	Bromoform	75-25-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		66		252.73	0.682215951	0.516830266
CSS-IA-032-01	02/19/2010 11:00:00	Bromomethane	74-83-9	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-032-01	02/19/2010 11:00:00	Carbon disulfide	75-15-0	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		115	J	76.13	0.358075665	0.155685072
CSS-IA-032-01	02/19/2010 11:00:00	Carbon tetrachloride	56-23-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		85.5	J	153.82	0.53789816	0.314560327
CSS-IA-032-01	02/19/2010 11:00:00	Chlorobenzene	108-90-7	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-032-01	02/19/2010 11:00:00	Chlorodifluoromethane	75-45-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		263		86.47	0.930127198	0.176830266
CSS-IA-032-01	02/19/2010 11:00:00	Chloroethane	75-00-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-032-01	02/19/2010 11:00:00	Chloroform	67-66-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		296		119.38	1.445254806	0.244130879
CSS-IA-032-01	02/19/2010 11:00:00	Chloromethane	74-87-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		433		50.49	0.894158282	0.103251534
CSS-IA-032-01	02/19/2010 11:00:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-032-01	02/19/2010 11:00:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-032-01	02/19/2010 11:00:00	Cyclohexane	110-82-7	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		187	J	84.16	0.64367771	0.172106339
CSS-IA-032-01	02/19/2010 11:00:00	Dichlorodifluoromethane	75-71-8	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		517		120.91	2.55666544	0.247259714
CSS-IA-032-01	02/19/2010 11:00:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-032-01	02/19/2010 11:00:00	Ethylbenzene	100-41-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		82.7		106.17	0.359110798	0.217116564
CSS-IA-032-01	02/19/2010 11:00:00	m,p-Xylene	100-01-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-032-01	02/19/2010 11:00:00	Methyl ethyl ketone	78-93-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		422	J	72.11	1.244597955	0.147464213
CSS-IA-032-01	02/19/2010 11:00:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-032-01	02/19/2010 11:00:00	Methyl vinyl ketone	78-94-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-032-01	02/19/2010 11:00:00	Methylene chloride	75-09-2	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		69		84.93	0.239679755	0.173680982
CSS-IA-032-01	02/19/2010 11:00:00	n-Hexane	110-54-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		104		86.18	0.366573415	0.176237219
CSS-IA-032-01	02/19/2010 11:00:00	o-Xylene	95-47-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		80.5		106.17	0.349557669	0.217116564
CSS-IA-032-01	02/19/2010 11:00:00	Pentane	109-66-0	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		307		72.15	0.905932515	0.147546012
CSS-IA-032-01	02/19/2010 11:00:00	Propanal	123-38-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		951	J	58.08	2.259062577	0.118773006
CSS-IA-032-01	02/19/2010 11:00:00	Propene	115-07-1	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		522		42.08	0.898395092	0.08605317
CSS-IA-032-01	02/19/2010 11:00:00	Styrene	100-42-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50.4	J	104.15	0.214689571	0.212985685
CSS-IA-032-01	02/19/2010 11:00:00	Tetrachloroethene	127-18-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		55		165.83	0.37303272	0.339120654
CSS-IA-032-01	02/19/2010 11:00:00	Toluene	108-88-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		272		92.14	1.025033947	0.188425358
CSS-IA-032-01	02/19/2010 11:00:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-032-01	02/19/2010 11:00:00	Trichloroethene	79-01-6	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-032-01	02/19/2010 11:00:00	Trichlorofluoromethane	75-69-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		292		137.37	1.640574233	0.280920245
CSS-IA-032-01	02/19/2010 11:00:00	Vinyl chloride	75-01-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-032-01	02/19/2010 11:00:00	Isobutene	115-11-7	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		81		56.11	0.18588589	0.114744376
CSS-IA-032-01	02/19/2010 11:00:00	Isoprene	78-79-5	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		60.7		68.12	0.16911591	0.139304703
CSS-IA-032-01	02/19/2010 11:00:00	Methacrolein	78-85-3	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		96.4		70.09	0.276346667	0.143333333
CSS-IA-032-01	02/19/2010 11:00:00	Methyl iodide	74-88-4	1	10CC06-17	1017 W. Harrison	1st Floor	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-033-01	02/19/2010 11:00:00	1-Propanol	71-23-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	210	UJ	60.1	0.516196319	0.516196319
CSS-IA-033-01	02/19/2010 11:00:00	2-Pentanone	107-87-9	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	86.13	0.176134969	0.176134969
CSS-IA-033-01	02/19/2010 11:00:00	3-Pentanone	96-22-0	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	86.13	0.176134969	0.176134969
CSS-IA-033-01	02/19/2010 11:00:00	Cyclopentane	287-92-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	78.4		70.1	0.224778732	0.143353783
CSS-IA-033-01	02/19/2010 11:00:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	133.41	0.272822086	0.272822086
CSS-IA-033-01	02/19/2010 11:00:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	167.85	0.343251534	0.343251534
CSS-IA-033-01	02/19/2010 11:00:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	79.6		187.38	0.610038773	0.383190184
CSS-IA-033-01	02/19/2010 11:00:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	133.41	0.272822086	0.272822086
CSS-IA-033-01	02/19/2010 11:00:00	1,1-Dichloroethane	75-34-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	98.96	0.202372188	0.202372188
CSS-IA-033-01	02/19/2010 11:00:00	1,1-Dichloroethene	75-35-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	96.94	0.198241309	0.198241309
CSS-IA-033-01	02/19/2010 11:00:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	120.2	0.245807771	0.245807771
CSS-IA-033-01	02/19/2010 11:00:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	520	UJ	181.45	3.859059305	3.859059305
CSS-IA-033-01	02/19/2010 11:00:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	67	J	120.2	0.329382413	0.245807771
CSS-IA-033-01	02/19/2010 11:00:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	187.86	0.384171779	0.384171779
CSS-IA-033-01	02/19/2010 11:00:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	147	0.300613497	0.300613497

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-033-01	02/19/2010 11:00:00	1,2-Dichloroethane	107-06-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	98.96	0.202372188	0.202372188
CSS-IA-033-01	02/19/2010 11:00:00	1,2-Dichloropropane	78-87-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	112.99	0.231063395	0.231063395
CSS-IA-033-01	02/19/2010 11:00:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	120.2	0.245807771	0.245807771
CSS-IA-033-01	02/19/2010 11:00:00	1,3-Butadiene	106-99-0	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	54.09	0.110613497	0.110613497
CSS-IA-033-01	02/19/2010 11:00:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	147	0.300613497	0.300613497
CSS-IA-033-01	02/19/2010 11:00:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	147	0.300613497	0.300613497
CSS-IA-033-01	02/19/2010 11:00:00	1,4-Dioxane	123-91-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	88.11	0.180184049	0.180184049
CSS-IA-033-01	02/19/2010 11:00:00	1-Butanol	71-36-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	74.12	0.151574642	0.151574642
CSS-IA-033-01	02/19/2010 11:00:00	2-Hexanone	591-78-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	100.16	0.204826176	0.204826176
CSS-IA-033-01	02/19/2010 11:00:00	2-Propanol	67-63-0	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	60.1	0.122903885	0.122903885
CSS-IA-033-01	02/19/2010 11:00:00	3-Hexanone	589-38-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	100.16	0.204826176	0.204826176
CSS-IA-033-01	02/19/2010 11:00:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	56.3	J	100.16	0.230634274	0.204826176
CSS-IA-033-01	02/19/2010 11:00:00	Acetone	67-64-1	10	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	4780	J	58.08	11.35469939	1.187730061
CSS-IA-033-01	02/19/2010 11:00:00	Acetonitrile	75-05-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	200	UJ	41.05	0.335787321	0.335787321
CSS-IA-033-01	02/19/2010 11:00:00	Acrolein	107-02-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	264	J	56.06	0.605310429	0.114642127
CSS-IA-033-01	02/19/2010 11:00:00	Benzene	71-43-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	179		78.11	0.571848262	0.159734151
CSS-IA-033-01	02/19/2010 11:00:00	Benzyl chloride	100-44-7	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	126.59	0.258875256	0.258875256
CSS-IA-033-01	02/19/2010 11:00:00	Bromodichloromethane	75-27-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	163.83	0.335030675	0.335030675
CSS-IA-033-01	02/19/2010 11:00:00	Bromoform	75-25-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	252.73	0.516830266	0.516830266
CSS-IA-033-01	02/19/2010 11:00:00	Bromomethane	74-83-9	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	94.94	0.194151329	0.194151329
CSS-IA-033-01	02/19/2010 11:00:00	Carbon disulfide	75-15-0	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	96.9	J	76.13	0.301717669	0.155685072
CSS-IA-033-01	02/19/2010 11:00:00	Carbon tetrachloride	56-23-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	63.2	J	153.82	0.397604254	0.314560327
CSS-IA-033-01	02/19/2010 11:00:00	Chlorobenzene	108-90-7	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	112.56	0.230184049	0.230184049
CSS-IA-033-01	02/19/2010 11:00:00	Chlorodifluoromethane	75-45-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	192		86.47	0.679028221	0.176830266
CSS-IA-033-01	02/19/2010 11:00:00	Chloroethane	75-00-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	64.52	0.13194274	0.13194274
CSS-IA-033-01	02/19/2010 11:00:00	Chloroform	67-66-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	166		119.38	0.810514519	0.244130879
CSS-IA-033-01	02/19/2010 11:00:00	Chloromethane	74-87-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	327		50.49	0.675265031	0.103251534
CSS-IA-033-01	02/19/2010 11:00:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	96.94	0.198241309	0.198241309
CSS-IA-033-01	02/19/2010 11:00:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	110.97	0.226932515	0.226932515
CSS-IA-033-01	02/19/2010 11:00:00	Cyclohexane	110-82-7	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	137	J	84.16	0.47157137	0.172106339
CSS-IA-033-01	02/19/2010 11:00:00	Dichlorodifluoromethane	75-71-8	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	382		120.91	1.889064213	0.247259714
CSS-IA-033-01	02/19/2010 11:00:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	120.91	0.247259714	0.247259714
CSS-IA-033-01	02/19/2010 11:00:00	Ethylbenzene	100-41-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	70.7		106.17	0.307002822	0.217116564
CSS-IA-033-01	02/19/2010 11:00:00	m,p-Xylene	100-01-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	200	U	138.13	1.129897751	1.129897751
CSS-IA-033-01	02/19/2010 11:00:00	Methyl ethyl ketone	78-93-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	349	J	72.11	1.029300204	0.147464213
CSS-IA-033-01	02/19/2010 11:00:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	UJ	88.15	0.180265849	0.180265849
CSS-IA-033-01	02/19/2010 11:00:00	Methyl vinyl ketone	78-94-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	88.9	J	72.11	0.26219137	0.147464213
CSS-IA-033-01	02/19/2010 11:00:00	Methylene chloride	75-09-2	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	84.93	0.173680982	0.173680982
CSS-IA-033-01	02/19/2010 11:00:00	n-Hexane	110-54-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	91		86.18	0.320751738	0.176237219
CSS-IA-033-01	02/19/2010 11:00:00	o-Xylene	95-47-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	65.5		106.17	0.284422699	0.217116564
CSS-IA-033-01	02/19/2010 11:00:00	Pentane	109-66-0	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	273		72.15	0.805601227	0.147546012
CSS-IA-033-01	02/19/2010 11:00:00	Propanal	123-38-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	739	J	58.08	1.755465031	0.118773006
CSS-IA-033-01	02/19/2010 11:00:00	Propene	115-07-1	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	406		42.08	0.698751738	0.08605317
CSS-IA-033-01	02/19/2010 11:00:00	Styrene	100-42-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	51.2	J	104.15	0.218097342	0.212985685
CSS-IA-033-01	02/19/2010 11:00:00	Tetrachloroethene	127-18-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	165.83	0.339120654	0.339120654
CSS-IA-033-01	02/19/2010 11:00:00	Toluene	108-88-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	242		92.14	0.911978732	0.188425358
CSS-IA-033-01	02/19/2010 11:00:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	110.97	0.226932515	0.226932515
CSS-IA-033-01	02/19/2010 11:00:00	Trichloroethene	79-01-6	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	131.39	0.268691207	0.268691207
CSS-IA-033-01	02/19/2010 11:00:00	Trichlorofluoromethane	75-69-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	181		137.37	1.016931288	0.280920245
CSS-IA-033-01	02/19/2010 11:00:00	Vinyl chloride	75-01-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	62.5	0.127811861	0.127811861
CSS-IA-033-01	02/19/2010 11:00:00	Isobutene	115-11-7	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	99.3		56.11	0.227882331	0.114744376
CSS-IA-033-01	02/19/2010 11:00:00	Isoprene	78-79-5	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	116		68.12	0.323186912	0.139304703
CSS-IA-033-01	02/19/2010 11:00:00	Methacrolein	78-85-3	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	70.09	0.143333333	0.143333333
CSS-IA-033-01	02/19/2010 11:00:00	Methyl iodide	74-88-4	1	10CC06-18	1017 W. Harrison	1st Floor	Indoor Air	Dup	50	U	141.94	0.290265849	0.290265849
CSS-IA-034-01	02/19/2010 11:05:00	1-Propanol	71-23-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-034-01	02/19/2010 11:05:00	2-Pentanone	107-87-9	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-034-01	02/19/2010 11:05:00	3-Pentanone	96-22-0	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-034-01	02/19/2010 11:05:00	Cyclopentane	287-92-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		53.9		70.1	0.154535378	0.143353783
CSS-IA-034-01	02/19/2010 11:05:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-034-01	02/19/2010 11:05:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-034-01	02/19/2010 11:05:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		97.2		187.38	0.744921718	0.383190184
CSS-IA-034-01	02/19/2010 11:05:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-034-01	02/19/2010 11:05:00	1,1-Dichloroethane	75-34-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-034-01	02/19/2010 11:05:00	1,1-Dichloroethene	75-35-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-034-01	02/19/2010 11:05:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-034-01	02/19/2010 11:05:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-034-01	02/19/2010 11:05:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		81.8	J	120.2	0.402141513	0.245807771
CSS-IA-034-01	02/19/2010 11:05:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-034-01	02/19/2010 11:05:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-034-01	02/19/2010 11:05:00	1,2-Dichloroethane	107-06-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-034-01	02/19/2010 11:05:00	1,2-Dichloropropane	78-87-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-034-01	02/19/2010 11:05:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	120.2	0.245807771	0.245807771
CSS-IA-034-01	02/19/2010 11:05:00	1,3-Butadiene	106-99-0	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-034-01	02/19/2010 11:05:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-034-01	02/19/2010 11:05:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-034-01	02/19/2010 11:05:00	1,4-Dioxane	123-91-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-034-01	02/19/2010 11:05:00	1-Butanol	71-36-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		154	J	74.12	0.466849898	0.151574642
CSS-IA-034-01	02/19/2010 11:05:00	2-Hexanone	591-78-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-034-01	02/19/2010 11:05:00	2-Propanol	67-63-0	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-034-01	02/19/2010 11:05:00	3-Hexanone	589-38-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-034-01	02/19/2010 11:05:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		63	J	100.16	0.258080982	0.204826176
CSS-IA-034-01	02/19/2010 11:05:00	Acetone	67-64-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		2090	J	58.08	4.964711656	0.118773006
CSS-IA-034-01	02/19/2010 11:05:00	Acetonitrile	75-05-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-034-01	02/19/2010 11:05:00	Acrolein	107-02-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		105	J	56.06	0.240748466	0.114642127
CSS-IA-034-01	02/19/2010 11:05:00	Benzene	71-43-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		198		78.11	0.632547239	0.159734151
CSS-IA-034-01	02/19/2010 11:05:00	Benzyl chloride	100-44-7	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-034-01	02/19/2010 11:05:00	Bromodichloromethane	75-27-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-034-01	02/19/2010 11:05:00	Bromoform	75-25-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-034-01	02/19/2010 11:05:00	Bromomethane	74-83-9	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-034-01	02/19/2010 11:05:00	Carbon disulfide	75-15-0	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		117	J	76.13	0.364303067	0.155685072
CSS-IA-034-01	02/19/2010 11:05:00	Carbon tetrachloride	56-23-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		92.4	J	153.82	0.581307485	0.314560327
CSS-IA-034-01	02/19/2010 11:05:00	Chlorobenzene	108-90-7	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-034-01	02/19/2010 11:05:00	Chlorodifluoromethane	75-45-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		247		86.47	0.873541513	0.176830266
CSS-IA-034-01	02/19/2010 11:05:00	Chloroethane	75-00-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-034-01	02/19/2010 11:05:00	Chloroform	67-66-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		136		119.38	0.664035992	0.244130879
CSS-IA-034-01	02/19/2010 11:05:00	Chloromethane	74-87-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		305		50.49	0.629834356	0.103251534
CSS-IA-034-01	02/19/2010 11:05:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-034-01	02/19/2010 11:05:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-034-01	02/19/2010 11:05:00	Cyclohexane	110-82-7	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		160	J	84.16	0.550740286	0.172106339
CSS-IA-034-01	02/19/2010 11:05:00	Dichlorodifluoromethane	75-71-8	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		511		120.91	2.526994274	0.247259714
CSS-IA-034-01	02/19/2010 11:05:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-034-01	02/19/2010 11:05:00	Ethylbenzene	100-41-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		87.2		106.17	0.378651288	0.217116564
CSS-IA-034-01	02/19/2010 11:05:00	m,p-Xylene	100-01-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		243		138.13	1.372825767	1.129897751
CSS-IA-034-01	02/19/2010 11:05:00	Methyl ethyl ketone	78-93-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		138	J	72.11	0.407001227	0.147464213
CSS-IA-034-01	02/19/2010 11:05:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-034-01	02/19/2010 11:05:00	Methyl vinyl ketone	78-94-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-034-01	02/19/2010 11:05:00	Methylene chloride	75-09-2	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		59.3		84.93	0.205985644	0.173680982
CSS-IA-034-01	02/19/2010 11:05:00	n-Hexane	110-54-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		112		86.18	0.39477137	0.176237219
CSS-IA-034-01	02/19/2010 11:05:00	o-Xylene	95-47-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		93.1		106.17	0.404271043	0.217116564
CSS-IA-034-01	02/19/2010 11:05:00	Pentane	109-66-0	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		258		72.15	0.761337423	0.147546012
CSS-IA-034-01	02/19/2010 11:05:00	Propanal	123-38-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		456	J	58.08	1.083209816	0.118773006
CSS-IA-034-01	02/19/2010 11:05:00	Propene	115-07-1	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		570		42.08	0.981006135	0.08605317

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-034-01	02/19/2010 11:05:00	Styrene	100-42-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		61.4	J	104.15	0.261546421	0.212985685
CSS-IA-034-01	02/19/2010 11:05:00	Tetrachloroethene	127-18-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-034-01	02/19/2010 11:05:00	Toluene	108-88-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		233		92.14	0.878062168	0.188425358
CSS-IA-034-01	02/19/2010 11:05:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-034-01	02/19/2010 11:05:00	Trichloroethene	79-01-6	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-034-01	02/19/2010 11:05:00	Trichlorofluoromethane	75-69-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		247		137.37	1.387746012	0.280920245
CSS-IA-034-01	02/19/2010 11:05:00	Vinyl chloride	75-01-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-034-01	02/19/2010 11:05:00	Isobutene	115-11-7	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		65.9		56.11	0.151233088	0.114744376
CSS-IA-034-01	02/19/2010 11:05:00	Isoprene	78-79-5	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	68.12	0.139304703	0.139304703
CSS-IA-034-01	02/19/2010 11:05:00	Methacrolein	78-85-3	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	70.09	0.143333333	0.143333333
CSS-IA-034-01	02/19/2010 11:05:00	Methyl iodide	74-88-4	1	10CC06-19	1017 W. Harrison	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-035-01	02/19/2010 11:42:00	1-Propanol	71-23-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-035-01	02/19/2010 11:42:00	2-Pentanone	107-87-9	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-035-01	02/19/2010 11:42:00	3-Pentanone	96-22-0	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-035-01	02/19/2010 11:42:00	Cyclopentane	287-92-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		63		70.1	0.180625767	0.143353783
CSS-IA-035-01	02/19/2010 11:42:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-035-01	02/19/2010 11:42:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	167.85	0.343251534	0.343251534
CSS-IA-035-01	02/19/2010 11:42:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		84.1		187.38	0.64452589	0.383190184
CSS-IA-035-01	02/19/2010 11:42:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-035-01	02/19/2010 11:42:00	1,1-Dichloroethane	75-34-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-035-01	02/19/2010 11:42:00	1,1-Dichloroethene	75-35-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-035-01	02/19/2010 11:42:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-035-01	02/19/2010 11:42:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-035-01	02/19/2010 11:42:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		65.6	J	120.2	0.322499796	0.245807771
CSS-IA-035-01	02/19/2010 11:42:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	187.86	0.384171779	0.384171779
CSS-IA-035-01	02/19/2010 11:42:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-035-01	02/19/2010 11:42:00	1,2-Dichloroethane	107-06-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-035-01	02/19/2010 11:42:00	1,2-Dichloropropane	78-87-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	112.99	0.231063395	0.231063395
CSS-IA-035-01	02/19/2010 11:42:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	120.2	0.245807771	0.245807771
CSS-IA-035-01	02/19/2010 11:42:00	1,3-Butadiene	106-99-0	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	54.09	0.110613497	0.110613497
CSS-IA-035-01	02/19/2010 11:42:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-035-01	02/19/2010 11:42:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-035-01	02/19/2010 11:42:00	1,4-Dioxane	123-91-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-035-01	02/19/2010 11:42:00	1-Butanol	71-36-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-035-01	02/19/2010 11:42:00	2-Hexanone	591-78-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-035-01	02/19/2010 11:42:00	2-Propanol	67-63-0	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	60.1	0.122903885	0.122903885
CSS-IA-035-01	02/19/2010 11:42:00	3-Hexanone	589-38-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-035-01	02/19/2010 11:42:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-035-01	02/19/2010 11:42:00	Acetone	67-64-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		2190	J	58.08	5.202257669	0.118773006
CSS-IA-035-01	02/19/2010 11:42:00	Acetonitrile	75-05-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-035-01	02/19/2010 11:42:00	Acrolein	107-02-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		112	J	56.06	0.256798364	0.114642127
CSS-IA-035-01	02/19/2010 11:42:00	Benzene	71-43-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		224		78.11	0.715608998	0.159734151
CSS-IA-035-01	02/19/2010 11:42:00	Benzyl chloride	100-44-7	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	126.59	0.258875256	0.258875256
CSS-IA-035-01	02/19/2010 11:42:00	Bromodichloromethane	75-27-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	163.83	0.335030675	0.335030675
CSS-IA-035-01	02/19/2010 11:42:00	Bromoform	75-25-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	252.73	0.516830266	0.516830266
CSS-IA-035-01	02/19/2010 11:42:00	Bromomethane	74-83-9	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	94.94	0.194151329	0.194151329
CSS-IA-035-01	02/19/2010 11:42:00	Carbon disulfide	75-15-0	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		126	J	76.13	0.39232638	0.155685072
CSS-IA-035-01	02/19/2010 11:42:00	Carbon tetrachloride	56-23-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		70.6	J	153.82	0.444159182	0.314560327
CSS-IA-035-01	02/19/2010 11:42:00	Chlorobenzene	108-90-7	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	112.56	0.230184049	0.230184049
CSS-IA-035-01	02/19/2010 11:42:00	Chlorodifluoromethane	75-45-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		223		86.47	0.788662986	0.176830266
CSS-IA-035-01	02/19/2010 11:42:00	Chloroethane	75-00-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	64.52	0.13194274	0.13194274
CSS-IA-035-01	02/19/2010 11:42:00	Chloroform	67-66-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	119.38	0.244130879	0.244130879
CSS-IA-035-01	02/19/2010 11:42:00	Chloromethane	74-87-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		506		50.49	1.044905521	0.103251534
CSS-IA-035-01	02/19/2010 11:42:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-035-01	02/19/2010 11:42:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-035-01	02/19/2010 11:42:00	Cyclohexane	110-82-7	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	84.16	0.172106339	0.172106339

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-035-01	02/19/2010 11:42:00	Dichlorodifluoromethane	75-71-8	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		484		120.91	2.393474029	0.247259714
CSS-IA-035-01	02/19/2010 11:42:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	120.91	0.247259714	0.247259714
CSS-IA-035-01	02/19/2010 11:42:00	Ethylbenzene	100-41-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		66		106.17	0.286593865	0.217116564
CSS-IA-035-01	02/19/2010 11:42:00	m,p-Xylene	100-01-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		200	U	138.13	1.129897751	1.129897751
CSS-IA-035-01	02/19/2010 11:42:00	Methyl ethyl ketone	78-93-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		224	J	72.11	0.660639673	0.147464213
CSS-IA-035-01	02/19/2010 11:42:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-035-01	02/19/2010 11:42:00	Methyl vinyl ketone	78-94-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-035-01	02/19/2010 11:42:00	Methylene chloride	75-09-2	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		57.6		84.93	0.200080491	0.173680982
CSS-IA-035-01	02/19/2010 11:42:00	n-Hexane	110-54-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		111		86.18	0.391246626	0.176237219
CSS-IA-035-01	02/19/2010 11:42:00	o-Xylene	95-47-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		66.7		106.17	0.289633497	0.217116564
CSS-IA-035-01	02/19/2010 11:42:00	Pentane	109-66-0	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		237		72.15	0.699368098	0.147546012
CSS-IA-035-01	02/19/2010 11:42:00	Propanal	123-38-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		458	J	58.08	1.087960736	0.118773006
CSS-IA-035-01	02/19/2010 11:42:00	Propene	115-07-1	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		256		42.08	0.440592229	0.08605317
CSS-IA-035-01	02/19/2010 11:42:00	Styrene	100-42-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-035-01	02/19/2010 11:42:00	Tetrachloroethene	127-18-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	165.83	0.339120654	0.339120654
CSS-IA-035-01	02/19/2010 11:42:00	Toluene	108-88-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		241		92.14	0.908210225	0.188425358
CSS-IA-035-01	02/19/2010 11:42:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-035-01	02/19/2010 11:42:00	Trichloroethene	79-01-6	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	131.39	0.268691207	0.268691207
CSS-IA-035-01	02/19/2010 11:42:00	Trichlorofluoromethane	75-69-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		224		137.37	1.258522699	0.280920245
CSS-IA-035-01	02/19/2010 11:42:00	Vinyl chloride	75-01-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	62.5	0.127811861	0.127811861
CSS-IA-035-01	02/19/2010 11:42:00	Isobutene	115-11-7	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		68.5		56.11	0.157199796	0.114744376
CSS-IA-035-01	02/19/2010 11:42:00	Isoprene	78-79-5	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	68.12	0.139304703	0.139304703
CSS-IA-035-01	02/19/2010 11:42:00	Methacrolein	78-85-3	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	70.09	0.143333333	0.143333333
CSS-IA-035-01	02/19/2010 11:42:00	Methyl iodide	74-88-4	1	10CC06-20	Outside 1021 Park	Ambient	Ambient		50	U	141.94	0.290265849	0.290265849
CSS-IA-036-01	02/23/2010 16:25:00	1-Propanol	71-23-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-036-01	02/23/2010 16:25:00	2-Pentanone	107-87-9	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-036-01	02/23/2010 16:25:00	3-Pentanone	96-22-0	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-036-01	02/23/2010 16:25:00	Cyclopentane	287-92-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		269		70.1	0.771243354	0.143353783
CSS-IA-036-01	02/23/2010 16:25:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-036-01	02/23/2010 16:25:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-036-01	02/23/2010 16:25:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		87.8		187.38	0.672881963	0.383190184
CSS-IA-036-01	02/23/2010 16:25:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-036-01	02/23/2010 16:25:00	1,1-Dichloroethane	75-34-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-036-01	02/23/2010 16:25:00	1,1-Dichloroethene	75-35-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-036-01	02/23/2010 16:25:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		79.3	J	120.2	0.389851125	0.245807771
CSS-IA-036-01	02/23/2010 16:25:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-036-01	02/23/2010 16:25:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		219	J	120.2	1.076638037	0.245807771
CSS-IA-036-01	02/23/2010 16:25:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-036-01	02/23/2010 16:25:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-036-01	02/23/2010 16:25:00	1,2-Dichloroethane	107-06-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-036-01	02/23/2010 16:25:00	1,2-Dichloropropane	78-87-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-036-01	02/23/2010 16:25:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		72.2		120.2	0.354946421	0.245807771
CSS-IA-036-01	02/23/2010 16:25:00	1,3-Butadiene	106-99-0	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-036-01	02/23/2010 16:25:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-036-01	02/23/2010 16:25:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		2610	J	147	15.69202454	0.300613497
CSS-IA-036-01	02/23/2010 16:25:00	1,4-Dioxane	123-91-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-036-01	02/23/2010 16:25:00	1-Butanol	71-36-3	10	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		10800	J	74.12	32.7401227	1.515746421
CSS-IA-036-01	02/23/2010 16:25:00	2-Hexanone	591-78-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-036-01	02/23/2010 16:25:00	3-Hexanone	589-38-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-036-01	02/23/2010 16:25:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		79.9	J	100.16	0.327312229	0.204826176
CSS-IA-036-01	02/23/2010 16:25:00	Acetone	67-64-1	10	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		5810	J	58.08	13.80142331	1.187730061
CSS-IA-036-01	02/23/2010 16:25:00	Acetonitrile	75-05-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		359	J	41.05	0.602738241	0.335787321
CSS-IA-036-01	02/23/2010 16:25:00	Acrolein	107-02-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		352	J	56.06	0.807080573	0.114642127
CSS-IA-036-01	02/23/2010 16:25:00	Benzene	71-43-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		605		78.11	1.932783231	0.159734151
CSS-IA-036-01	02/23/2010 16:25:00	Benzyl chloride	100-44-7	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-036-01	02/23/2010 16:25:00	Bromodichloromethane	75-27-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		60.8		163.83	0.407397301	0.335030675

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-036-01	02/23/2010 16:25:00	Bromoform	75-25-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-036-01	02/23/2010 16:25:00	Bromomethane	74-83-9	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-036-01	02/23/2010 16:25:00	Carbon disulfide	75-15-0	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-036-01	02/23/2010 16:25:00	Carbon tetrachloride	56-23-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		87	J	153.82	0.547334969	0.314560327
CSS-IA-036-01	02/23/2010 16:25:00	Chlorobenzene	108-90-7	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-036-01	02/23/2010 16:25:00	Chlorodifluoromethane	75-45-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		230		86.47	0.813419223	0.176830266
CSS-IA-036-01	02/23/2010 16:25:00	Chloroethane	75-00-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-036-01	02/23/2010 16:25:00	Chloroform	67-66-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		199		119.38	0.9716409	0.244130879
CSS-IA-036-01	02/23/2010 16:25:00	Chloromethane	74-87-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		604		50.49	1.247278528	0.103251534
CSS-IA-036-01	02/23/2010 16:25:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-036-01	02/23/2010 16:25:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-036-01	02/23/2010 16:25:00	Cyclohexane	110-82-7	10	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		11000	J	84.16	37.86339468	1.721063395
CSS-IA-036-01	02/23/2010 16:25:00	Dichlorodifluoromethane	75-71-8	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		499		120.91	2.467651943	0.247259714
CSS-IA-036-01	02/23/2010 16:25:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-036-01	02/23/2010 16:25:00	Ethylbenzene	100-41-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		190		106.17	0.825042945	0.217116564
CSS-IA-036-01	02/23/2010 16:25:00	m,p-Xylene	100-01-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		726		138.13	4.101528834	1.129897751
CSS-IA-036-01	02/23/2010 16:25:00	Methyl ethyl ketone	78-93-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		411	J	72.11	1.212155828	0.147464213
CSS-IA-036-01	02/23/2010 16:25:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-036-01	02/23/2010 16:25:00	Methyl vinyl ketone	78-94-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		121	J	72.11	0.356863395	0.147464213
CSS-IA-036-01	02/23/2010 16:25:00	Methylene chloride	75-09-2	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		93		84.93	0.323046626	0.173680982
CSS-IA-036-01	02/23/2010 16:25:00	n-Hexane	110-54-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		1060		86.18	3.736229039	0.176237219
CSS-IA-036-01	02/23/2010 16:25:00	o-Xylene	95-47-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		245		106.17	1.063871166	0.217116564
CSS-IA-036-01	02/23/2010 16:25:00	Pentane	109-66-0	10	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		4800		72.15	14.16441718	1.475460123
CSS-IA-036-01	02/23/2010 16:25:00	Propanal	123-38-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		879	J	58.08	2.088029448	0.118773006
CSS-IA-036-01	02/23/2010 16:25:00	Propene	115-07-1	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		3870		42.08	6.660515337	0.08605317
CSS-IA-036-01	02/23/2010 16:25:00	Styrene	100-42-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		123	J	104.15	0.523944785	0.212985685
CSS-IA-036-01	02/23/2010 16:25:00	Tetrachloroethene	127-18-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-036-01	02/23/2010 16:25:00	Toluene	108-88-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		1240		92.14	4.672948875	0.188425358
CSS-IA-036-01	02/23/2010 16:25:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-036-01	02/23/2010 16:25:00	Trichloroethene	79-01-6	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-036-01	02/23/2010 16:25:00	Trichlorofluoromethane	75-69-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		238		137.37	1.337180368	0.280920245
CSS-IA-036-01	02/23/2010 16:25:00	Vinyl chloride	75-01-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-036-01	02/23/2010 16:25:00	Isobutene	115-11-7	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		354		56.11	0.812390184	0.114744376
CSS-IA-036-01	02/23/2010 16:25:00	Isoprene	78-79-5	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		599		68.12	1.668870348	0.139304703
CSS-IA-036-01	02/23/2010 16:25:00	Methacrolein	78-85-3	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		110		70.09	0.315333333	0.143333333
CSS-IA-036-01	02/23/2010 16:25:00	Methyl iodide	74-88-4	1	10CC06-21	801 S. Brandon	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-037-02	02/23/2010 16:23:00	1-Propanol	71-23-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-037-02	02/23/2010 16:23:00	2-Pentanone	107-87-9	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-037-02	02/23/2010 16:23:00	3-Pentanone	96-22-0	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-037-02	02/23/2010 16:23:00	Cyclopentane	287-92-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		239		70.1	0.685231084	0.143353783
CSS-IA-037-02	02/23/2010 16:23:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-037-02	02/23/2010 16:23:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-037-02	02/23/2010 16:23:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		85.5		187.38	0.655255215	0.383190184
CSS-IA-037-02	02/23/2010 16:23:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-037-02	02/23/2010 16:23:00	1,1-Dichloroethane	75-34-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-037-02	02/23/2010 16:23:00	1,1-Dichloroethene	75-35-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-037-02	02/23/2010 16:23:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		77.6	J	120.2	0.381493661	0.245807771
CSS-IA-037-02	02/23/2010 16:23:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-037-02	02/23/2010 16:23:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		239	J	120.2	1.174961145	0.245807771
CSS-IA-037-02	02/23/2010 16:23:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-037-02	02/23/2010 16:23:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-037-02	02/23/2010 16:23:00	1,2-Dichloroethane	107-06-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-037-02	02/23/2010 16:23:00	1,2-Dichloropropane	78-87-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-037-02	02/23/2010 16:23:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		82.7		120.2	0.406566053	0.245807771
CSS-IA-037-02	02/23/2010 16:23:00	1,3-Butadiene	106-99-0	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		160		54.09	0.35396319	0.110613497
CSS-IA-037-02	02/23/2010 16:23:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-037-02	02/23/2010 16:23:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		872	J	147	5.242699387	0.300613497
CSS-IA-037-02	02/23/2010 16:23:00	1,4-Dioxane	123-91-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-037-02	02/23/2010 16:23:00	1-Butanol	71-36-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-037-02	02/23/2010 16:23:00	2-Hexanone	591-78-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-037-02	02/23/2010 16:23:00	Isobutene	115-11-7	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		167		56.11	0.383246217	0.114744376
CSS-IA-037-02	02/23/2010 16:23:00	3-Hexanone	589-38-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-037-02	02/23/2010 16:23:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-037-02	02/23/2010 16:23:00	Acetone	67-64-1	10	10CC06-22	801 S. Brandon	Basement	Indoor Air		5520	J	58.08	13.11253988	1.187730061
CSS-IA-037-02	02/23/2010 16:23:00	Acetonitrile	75-05-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-037-02	02/23/2010 16:23:00	Acrolein	107-02-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		193	J	56.06	0.442518609	0.114642127
CSS-IA-037-02	02/23/2010 16:23:00	Benzene	71-43-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		741		78.11	2.367260123	0.159734151
CSS-IA-037-02	02/23/2010 16:23:00	Benzyl chloride	100-44-7	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-037-02	02/23/2010 16:23:00	Bromodichloromethane	75-27-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		66.7		163.83	0.44693092	0.335030675
CSS-IA-037-02	02/23/2010 16:23:00	Bromoform	75-25-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-037-02	02/23/2010 16:23:00	Bromomethane	74-83-9	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-037-02	02/23/2010 16:23:00	Carbon disulfide	75-15-0	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-037-02	02/23/2010 16:23:00	Carbon tetrachloride	56-23-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		80.2	J	153.82	0.504554765	0.314560327
CSS-IA-037-02	02/23/2010 16:23:00	Chlorobenzene	108-90-7	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-037-02	02/23/2010 16:23:00	Chlorodifluoromethane	75-45-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		217		86.47	0.767443354	0.176830266
CSS-IA-037-02	02/23/2010 16:23:00	Chloroethane	75-00-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-037-02	02/23/2010 16:23:00	Chloroform	67-66-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		235		119.38	1.147415133	0.244130879
CSS-IA-037-02	02/23/2010 16:23:00	Chloromethane	74-87-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		487		50.49	1.005669939	0.103251534
CSS-IA-037-02	02/23/2010 16:23:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-037-02	02/23/2010 16:23:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-037-02	02/23/2010 16:23:00	Cyclohexane	110-82-7	10	10CC06-22	801 S. Brandon	Basement	Indoor Air		10100	J	84.16	34.76548057	1.721063395
CSS-IA-037-02	02/23/2010 16:23:00	Dichlorodifluoromethane	75-71-8	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		486		120.91	2.403364417	0.247259714
CSS-IA-037-02	02/23/2010 16:23:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-037-02	02/23/2010 16:23:00	Ethylbenzene	100-41-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		216		106.17	0.937943558	0.217116564
CSS-IA-037-02	02/23/2010 16:23:00	m,p-Xylene	100-01-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		860		138.13	4.858560327	1.129897751
CSS-IA-037-02	02/23/2010 16:23:00	Methyl ethyl ketone	78-93-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		292	J	72.11	0.861191002	0.147464213
CSS-IA-037-02	02/23/2010 16:23:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-037-02	02/23/2010 16:23:00	Methyl vinyl ketone	78-94-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-037-02	02/23/2010 16:23:00	Methylene chloride	75-09-2	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		72		84.93	0.250100613	0.173680982
CSS-IA-037-02	02/23/2010 16:23:00	n-Hexane	110-54-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		1020		86.18	3.595239264	0.176237219
CSS-IA-037-02	02/23/2010 16:23:00	o-Xylene	95-47-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		289		106.17	1.254933742	0.217116564
CSS-IA-037-02	02/23/2010 16:23:00	Pentane	109-66-0	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		4670		72.15	13.78079755	0.147546012
CSS-IA-037-02	02/23/2010 16:23:00	Propanal	123-38-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		590	J	58.08	1.401521472	0.118773006
CSS-IA-037-02	02/23/2010 16:23:00	Propene	115-07-1	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		1370		42.08	2.357856851	0.08605317
CSS-IA-037-02	02/23/2010 16:23:00	Styrene	100-42-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		74.8	J	104.15	0.318626585	0.212985685
CSS-IA-037-02	02/23/2010 16:23:00	Tetrachloroethene	127-18-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-037-02	02/23/2010 16:23:00	Toluene	108-88-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		1600		92.14	6.029611452	0.188425358
CSS-IA-037-02	02/23/2010 16:23:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-037-02	02/23/2010 16:23:00	Trichloroethene	79-01-6	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-037-02	02/23/2010 16:23:00	Trichlorofluoromethane	75-69-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		227		137.37	1.275377914	0.280920245
CSS-IA-037-02	02/23/2010 16:23:00	Vinyl chloride	75-01-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-037-02	02/23/2010 16:23:00	Isoprene	78-79-5	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		232		68.12	0.646373824	0.139304703
CSS-IA-037-02	02/23/2010 16:23:00	Methacrolein	78-85-3	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		87.4		70.09	0.250546667	0.143333333
CSS-IA-037-02	02/23/2010 16:23:00	Methyl iodide	74-88-4	1	10CC06-22	801 S. Brandon	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-038-01	02/23/2010 16:29:00	1-Propanol	71-23-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-038-01	02/23/2010 16:29:00	2-Pentanone	107-87-9	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		167	J	86.13	0.588290798	0.176134969
CSS-IA-038-01	02/23/2010 16:29:00	3-Pentanone	96-22-0	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-038-01	02/23/2010 16:29:00	Cyclopentane	287-92-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		976		70.1	2.798265849	0.143353783
CSS-IA-038-01	02/23/2010 16:29:00	Isobutene	115-11-7	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		604		56.11	1.386112065	0.114744376
CSS-IA-038-01	02/23/2010 16:29:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-038-01	02/23/2010 16:29:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-038-01	02/23/2010 16:29:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		88.6		187.38	0.679013006	0.383190184

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-038-01	02/23/2010 16:29:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-038-01	02/23/2010 16:29:00	1,1-Dichloroethane	75-34-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-038-01	02/23/2010 16:29:00	1,1-Dichloroethene	75-35-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-038-01	02/23/2010 16:29:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		268	J	120.2	1.317529652	0.245807771
CSS-IA-038-01	02/23/2010 16:29:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-038-01	02/23/2010 16:29:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		1140	J	120.2	5.604417178	0.245807771
CSS-IA-038-01	02/23/2010 16:29:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-038-01	02/23/2010 16:29:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-038-01	02/23/2010 16:29:00	1,2-Dichloroethane	107-06-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-038-01	02/23/2010 16:29:00	1,2-Dichloropropane	78-87-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-038-01	02/23/2010 16:29:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		322		120.2	1.583002045	0.245807771
CSS-IA-038-01	02/23/2010 16:29:00	1,3-Butadiene	106-99-0	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		83.7		54.09	0.185166994	0.110613497
CSS-IA-038-01	02/23/2010 16:29:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-038-01	02/23/2010 16:29:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-038-01	02/23/2010 16:29:00	1,4-Dioxane	123-91-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-038-01	02/23/2010 16:29:00	1-Butanol	71-36-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-038-01	02/23/2010 16:29:00	2-Hexanone	591-78-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		72.9	J	100.16	0.298636564	0.204826176
CSS-IA-038-01	02/23/2010 16:29:00	3-Hexanone	589-38-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-038-01	02/23/2010 16:29:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		137	J	100.16	0.561223722	0.204826176
CSS-IA-038-01	02/23/2010 16:29:00	Acetone	67-64-1	10	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		6900	J	58.08	16.39067485	1.187730061
CSS-IA-038-01	02/23/2010 16:29:00	Acetonitrile	75-05-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-038-01	02/23/2010 16:29:00	Acrolein	107-02-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		900	J	56.06	2.063558282	0.114642127
CSS-IA-038-01	02/23/2010 16:29:00	Benzene	71-43-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		3020		78.11	9.64794274	0.159734151
CSS-IA-038-01	02/23/2010 16:29:00	Benzyl chloride	100-44-7	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-038-01	02/23/2010 16:29:00	Bromodichloromethane	75-27-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-038-01	02/23/2010 16:29:00	Bromoform	75-25-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-038-01	02/23/2010 16:29:00	Bromomethane	74-83-9	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-038-01	02/23/2010 16:29:00	Carbon disulfide	75-15-0	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		57.8	J	76.13	0.179971943	0.155685072
CSS-IA-038-01	02/23/2010 16:29:00	Carbon tetrachloride	56-23-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		69	J	153.82	0.434093252	0.314560327
CSS-IA-038-01	02/23/2010 16:29:00	Chlorobenzene	108-90-7	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-038-01	02/23/2010 16:29:00	Chlorodifluoromethane	75-45-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		259		86.47	0.915980777	0.176830266
CSS-IA-038-01	02/23/2010 16:29:00	Chloroethane	75-00-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-038-01	02/23/2010 16:29:00	Chloroform	67-66-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		137		119.38	0.668918609	0.244130879
CSS-IA-038-01	02/23/2010 16:29:00	Chloromethane	74-87-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		460		50.49	0.94991411	0.103251534
CSS-IA-038-01	02/23/2010 16:29:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-038-01	02/23/2010 16:29:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-038-01	02/23/2010 16:29:00	Cyclohexane	110-82-7	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		1050	J	84.16	3.614233129	0.172106339
CSS-IA-038-01	02/23/2010 16:29:00	Dichlorodifluoromethane	75-71-8	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		431		120.91	2.131378732	0.247259714
CSS-IA-038-01	02/23/2010 16:29:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-038-01	02/23/2010 16:29:00	Ethylbenzene	100-41-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		1200		106.17	5.210797546	0.217116564
CSS-IA-038-01	02/23/2010 16:29:00	m,p-Xylene	100-01-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		4640		138.13	26.21362781	1.129897751
CSS-IA-038-01	02/23/2010 16:29:00	Methyl ethyl ketone	78-93-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		2000	J	72.11	5.898568507	0.147464213
CSS-IA-038-01	02/23/2010 16:29:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-038-01	02/23/2010 16:29:00	Methyl vinyl ketone	78-94-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		547	J	72.11	1.613258487	0.147464213
CSS-IA-038-01	02/23/2010 16:29:00	Methylene chloride	75-09-2	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		72.2		84.93	0.250795337	0.173680982
CSS-IA-038-01	02/23/2010 16:29:00	n-Hexane	110-54-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		3170		86.18	11.17343967	0.176237219
CSS-IA-038-01	02/23/2010 16:29:00	o-Xylene	95-47-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		1410		106.17	6.122687117	0.217116564
CSS-IA-038-01	02/23/2010 16:29:00	Pentane	109-66-0	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	72.15	0.147546012	0.147546012
CSS-IA-038-01	02/23/2010 16:29:00	Propanal	123-38-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		1330	J	58.08	3.159361963	0.118773006
CSS-IA-038-01	02/23/2010 16:29:00	Propene	115-07-1	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		2890		42.08	4.973873211	0.08605317
CSS-IA-038-01	02/23/2010 16:29:00	Styrene	100-42-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		199	J	104.15	0.847683027	0.212985685
CSS-IA-038-01	02/23/2010 16:29:00	Tetrachloroethene	127-18-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-038-01	02/23/2010 16:29:00	Toluene	108-88-3	10	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		6800		92.14	25.62584867	1.884253579
CSS-IA-038-01	02/23/2010 16:29:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-038-01	02/23/2010 16:29:00	Trichloroethene	79-01-6	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-038-01	02/23/2010 16:29:00	Trichlorofluoromethane	75-69-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		200		137.37	1.123680982	0.280920245

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-038-01	02/23/2010 16:29:00	Vinyl chloride	75-01-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-038-01	02/23/2010 16:29:00	Isoprene	78-79-5	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		701		68.12	1.953051943	0.139304703
CSS-IA-038-01	02/23/2010 16:29:00	Methacrolein	78-85-3	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		280		70.09	0.802666667	0.143333333
CSS-IA-038-01	02/23/2010 16:29:00	Methyl iodide	74-88-4	1	10CC06-23	750 S. Wabash	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-039-02	02/23/2010 16:32:00	1-Propanol	71-23-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-039-02	02/23/2010 16:32:00	2-Pentanone	107-87-9	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		51.8	J	86.13	0.182475828	0.176134969
CSS-IA-039-02	02/23/2010 16:32:00	3-Pentanone	96-22-0	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-039-02	02/23/2010 16:32:00	Cyclopentane	287-92-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		908		70.1	2.603304703	0.143353783
CSS-IA-039-02	02/23/2010 16:32:00	Isobutene	115-11-7	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		586		56.11	1.34480409	0.114744376
CSS-IA-039-02	02/23/2010 16:32:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-039-02	02/23/2010 16:32:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-039-02	02/23/2010 16:32:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		88.6		187.38	0.679013006	0.383190184
CSS-IA-039-02	02/23/2010 16:32:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-039-02	02/23/2010 16:32:00	1,1-Dichloroethane	75-34-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-039-02	02/23/2010 16:32:00	1,1-Dichloroethene	75-35-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-039-02	02/23/2010 16:32:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		250	J	120.2	1.229038855	0.245807771
CSS-IA-039-02	02/23/2010 16:32:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-039-02	02/23/2010 16:32:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		1040	J	120.2	5.112801636	0.245807771
CSS-IA-039-02	02/23/2010 16:32:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-039-02	02/23/2010 16:32:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-039-02	02/23/2010 16:32:00	1,2-Dichloroethane	107-06-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-039-02	02/23/2010 16:32:00	1,2-Dichloropropane	78-87-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-039-02	02/23/2010 16:32:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		290		120.2	1.425685072	0.245807771
CSS-IA-039-02	02/23/2010 16:32:00	1,3-Butadiene	106-99-0	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		99		54.09	0.219014724	0.110613497
CSS-IA-039-02	02/23/2010 16:32:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-039-02	02/23/2010 16:32:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-039-02	02/23/2010 16:32:00	1,4-Dioxane	123-91-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-039-02	02/23/2010 16:32:00	1-Butanol	71-36-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		1110	J	74.12	3.364957055	0.151574642
CSS-IA-039-02	02/23/2010 16:32:00	2-Hexanone	591-78-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-039-02	02/23/2010 16:32:00	3-Hexanone	589-38-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-039-02	02/23/2010 16:32:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		92	J	100.16	0.376880164	0.204826176
CSS-IA-039-02	02/23/2010 16:32:00	Acetone	67-64-1	10	10CC06-24	750 S. Wabash	Basement	Indoor Air		2910	J	58.08	6.912588957	1.187730061
CSS-IA-039-02	02/23/2010 16:32:00	Acetonitrile	75-05-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-039-02	02/23/2010 16:32:00	Acrolein	107-02-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	56.06	0.114642127	0.114642127
CSS-IA-039-02	02/23/2010 16:32:00	Benzene	71-43-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		2980		78.11	9.520155419	0.159734151
CSS-IA-039-02	02/23/2010 16:32:00	Benzyl chloride	100-44-7	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-039-02	02/23/2010 16:32:00	Bromodichloromethane	75-27-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-039-02	02/23/2010 16:32:00	Bromoform	75-25-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-039-02	02/23/2010 16:32:00	Bromomethane	74-83-9	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-039-02	02/23/2010 16:32:00	Carbon disulfide	75-15-0	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-039-02	02/23/2010 16:32:00	Carbon tetrachloride	56-23-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		77.9	J	153.82	0.49008499	0.314560327
CSS-IA-039-02	02/23/2010 16:32:00	Chlorobenzene	108-90-7	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-039-02	02/23/2010 16:32:00	Chlorodifluoromethane	75-45-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		264		86.47	0.933663804	0.176830266
CSS-IA-039-02	02/23/2010 16:32:00	Chloroethane	75-00-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-039-02	02/23/2010 16:32:00	Chloroform	67-66-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		118		119.38	0.576148875	0.244130879
CSS-IA-039-02	02/23/2010 16:32:00	Chloromethane	74-87-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		462		50.49	0.954044172	0.103251534
CSS-IA-039-02	02/23/2010 16:32:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-039-02	02/23/2010 16:32:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-039-02	02/23/2010 16:32:00	Cyclohexane	110-82-7	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		1130	J	84.16	3.889603272	0.172106339
CSS-IA-039-02	02/23/2010 16:32:00	Dichlorodifluoromethane	75-71-8	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		471		120.91	2.329186503	0.247259714
CSS-IA-039-02	02/23/2010 16:32:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-039-02	02/23/2010 16:32:00	Ethylbenzene	100-41-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		1070		106.17	4.646294479	0.217116564
CSS-IA-039-02	02/23/2010 16:32:00	m,p-Xylene	100-01-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		4220		138.13	23.84084254	1.129897751
CSS-IA-039-02	02/23/2010 16:32:00	Methyl ethyl ketone	78-93-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		3210	J	72.11	9.467202454	0.147464213
CSS-IA-039-02	02/23/2010 16:32:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-039-02	02/23/2010 16:32:00	Methyl vinyl ketone	78-94-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		100	J	72.11	0.294928425	0.147464213

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-039-02	02/23/2010 16:32:00	Methylene chloride	75-09-2	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		75.7		84.93	0.262953006	0.173680982
CSS-IA-039-02	02/23/2010 16:32:00	n-Hexane	110-54-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		3290		86.18	11.596409	0.176237219
CSS-IA-039-02	02/23/2010 16:32:00	o-Xylene	95-47-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		1290		106.17	5.601607362	0.217116564
CSS-IA-039-02	02/23/2010 16:32:00	Pentane	109-66-0	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	72.15	0.147546012	0.147546012
CSS-IA-039-02	02/23/2010 16:32:00	Propanal	123-38-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		716	J	58.08	1.700829448	0.118773006
CSS-IA-039-02	02/23/2010 16:32:00	Propene	115-07-1	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		2480		42.08	4.268237219	0.08605317
CSS-IA-039-02	02/23/2010 16:32:00	Styrene	100-42-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		114	J	104.15	0.485607362	0.212985685
CSS-IA-039-02	02/23/2010 16:32:00	Tetrachloroethene	127-18-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-039-02	02/23/2010 16:32:00	Toluene	108-88-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		8360		92.14	31.50471984	0.188425358
CSS-IA-039-02	02/23/2010 16:32:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-039-02	02/23/2010 16:32:00	Trichloroethene	79-01-6	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-039-02	02/23/2010 16:32:00	Trichlorofluoromethane	75-69-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		225		137.37	1.264141104	0.280920245
CSS-IA-039-02	02/23/2010 16:32:00	Vinyl chloride	75-01-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-039-02	02/23/2010 16:32:00	Isoprene	78-79-5	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		263		68.12	0.73274274	0.139304703
CSS-IA-039-02	02/23/2010 16:32:00	Methacrolein	78-85-3	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		127		70.09	0.364066667	0.143333333
CSS-IA-039-02	02/23/2010 16:32:00	Methyl iodide	74-88-4	1	10CC06-24	750 S. Wabash	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-040-01	02/23/2010 18:01:00	1-Propanol	71-23-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-040-01	02/23/2010 18:01:00	2-Pentanone	107-87-9	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-040-01	02/23/2010 18:01:00	3-Pentanone	96-22-0	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-040-01	02/23/2010 18:01:00	Cyclopentane	287-92-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	70.1	0.143353783	0.143353783
CSS-IA-040-01	02/23/2010 18:01:00	Isobutene	115-11-7	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		65.2		56.11	0.149626667	0.114744376
CSS-IA-040-01	02/23/2010 18:01:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-040-01	02/23/2010 18:01:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	167.85	0.343251534	0.343251534
CSS-IA-040-01	02/23/2010 18:01:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		88.6		187.38	0.679013006	0.383190184
CSS-IA-040-01	02/23/2010 18:01:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-040-01	02/23/2010 18:01:00	1,1-Dichloroethane	75-34-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-040-01	02/23/2010 18:01:00	1,1-Dichloroethene	75-35-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-040-01	02/23/2010 18:01:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-040-01	02/23/2010 18:01:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-040-01	02/23/2010 18:01:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		68.5	J	120.2	0.336756646	0.245807771
CSS-IA-040-01	02/23/2010 18:01:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	187.86	0.384171779	0.384171779
CSS-IA-040-01	02/23/2010 18:01:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-040-01	02/23/2010 18:01:00	1,2-Dichloroethane	107-06-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-040-01	02/23/2010 18:01:00	1,2-Dichloropropane	78-87-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	112.99	0.231063395	0.231063395
CSS-IA-040-01	02/23/2010 18:01:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50.3		120.2	0.247282618	0.245807771
CSS-IA-040-01	02/23/2010 18:01:00	1,3-Butadiene	106-99-0	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	54.09	0.110613497	0.110613497
CSS-IA-040-01	02/23/2010 18:01:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-040-01	02/23/2010 18:01:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-040-01	02/23/2010 18:01:00	1,4-Dioxane	123-91-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-040-01	02/23/2010 18:01:00	1-Butanol	71-36-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-040-01	02/23/2010 18:01:00	2-Hexanone	591-78-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-040-01	02/23/2010 18:01:00	3-Hexanone	589-38-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-040-01	02/23/2010 18:01:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		55.2	J	100.16	0.226128098	0.204826176
CSS-IA-040-01	02/23/2010 18:01:00	Acetone	67-64-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		1630	J	58.08	3.872	0.118773006
CSS-IA-040-01	02/23/2010 18:01:00	Acetonitrile	75-05-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-040-01	02/23/2010 18:01:00	Acrolein	107-02-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	56.06	0.114642127	0.114642127
CSS-IA-040-01	02/23/2010 18:01:00	Benzene	71-43-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		218		78.11	0.6964409	0.159734151
CSS-IA-040-01	02/23/2010 18:01:00	Benzyl chloride	100-44-7	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	126.59	0.258875256	0.258875256
CSS-IA-040-01	02/23/2010 18:01:00	Bromodichloromethane	75-27-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	163.83	0.335030675	0.335030675
CSS-IA-040-01	02/23/2010 18:01:00	Bromoform	75-25-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	252.73	0.516830266	0.516830266
CSS-IA-040-01	02/23/2010 18:01:00	Bromomethane	74-83-9	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	94.94	0.194151329	0.194151329
CSS-IA-040-01	02/23/2010 18:01:00	Carbon disulfide	75-15-0	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-040-01	02/23/2010 18:01:00	Carbon tetrachloride	56-23-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		79	J	153.82	0.497005317	0.314560327
CSS-IA-040-01	02/23/2010 18:01:00	Chlorobenzene	108-90-7	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	112.56	0.230184049	0.230184049
CSS-IA-040-01	02/23/2010 18:01:00	Chlorodifluoromethane	75-45-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		215		86.47	0.760370143	0.176830266
CSS-IA-040-01	02/23/2010 18:01:00	Chloroethane	75-00-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	64.52	0.13194274	0.13194274

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-040-01	02/23/2010 18:01:00	Chloroform	67-66-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	119.38	0.244130879	0.244130879
CSS-IA-040-01	02/23/2010 18:01:00	Chloromethane	74-87-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		536		50.49	1.106856442	0.103251534
CSS-IA-040-01	02/23/2010 18:01:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-040-01	02/23/2010 18:01:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-040-01	02/23/2010 18:01:00	Cyclohexane	110-82-7	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-040-01	02/23/2010 18:01:00	Dichlorodifluoromethane	75-71-8	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		476		120.91	2.353912474	0.247259714
CSS-IA-040-01	02/23/2010 18:01:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	120.91	0.247259714	0.247259714
CSS-IA-040-01	02/23/2010 18:01:00	Ethylbenzene	100-41-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		62		106.17	0.26922454	0.217116564
CSS-IA-040-01	02/23/2010 18:01:00	m,p-Xylene	100-01-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		200	U	138.13	1.129897751	1.129897751
CSS-IA-040-01	02/23/2010 18:01:00	Methyl ethyl ketone	78-93-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		134	J	72.11	0.39520409	0.147464213
CSS-IA-040-01	02/23/2010 18:01:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-040-01	02/23/2010 18:01:00	Methyl vinyl ketone	78-94-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-040-01	02/23/2010 18:01:00	Methylene chloride	75-09-2	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		90.1		84.93	0.312973129	0.173680982
CSS-IA-040-01	02/23/2010 18:01:00	n-Hexane	110-54-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		86		86.18	0.303128016	0.176237219
CSS-IA-040-01	02/23/2010 18:01:00	o-Xylene	95-47-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		72		106.17	0.312647853	0.217116564
CSS-IA-040-01	02/23/2010 18:01:00	Pentane	109-66-0	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		217		72.15	0.640349693	0.147546012
CSS-IA-040-01	02/23/2010 18:01:00	Propanal	123-38-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		407	J	58.08	0.96681227	0.118773006
CSS-IA-040-01	02/23/2010 18:01:00	Propene	115-07-1	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		155		42.08	0.266764826	0.08605317
CSS-IA-040-01	02/23/2010 18:01:00	Styrene	100-42-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-040-01	02/23/2010 18:01:00	Tetrachloroethene	127-18-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	165.83	0.339120654	0.339120654
CSS-IA-040-01	02/23/2010 18:01:00	Toluene	108-88-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		219		92.14	0.825303067	0.188425358
CSS-IA-040-01	02/23/2010 18:01:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-040-01	02/23/2010 18:01:00	Trichloroethene	79-01-6	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	131.39	0.268691207	0.268691207
CSS-IA-040-01	02/23/2010 18:01:00	Trichlorofluoromethane	75-69-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		229		137.37	1.286614724	0.280920245
CSS-IA-040-01	02/23/2010 18:01:00	Vinyl chloride	75-01-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	62.5	0.127811861	0.127811861
CSS-IA-040-01	02/23/2010 18:01:00	Isoprene	78-79-5	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	68.12	0.139304703	0.139304703
CSS-IA-040-01	02/23/2010 18:01:00	Methacrolein	78-85-3	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		52.7		70.09	0.151073333	0.143333333
CSS-IA-040-01	02/23/2010 18:01:00	Methyl iodide	74-88-4	1	10CC06-25	Outside 1021 Park	Ambient	Ambient		50	U	141.94	0.290265849	0.290265849
CSS-IA-041-01	02/24/2010 13:00:00	1-Propanol	71-23-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-041-01	02/24/2010 13:00:00	2-Pentanone	107-87-9	1	10CC06-26	723 S. Leeds	Subslab	Subslab		221	J	86.13	0.778516564	0.176134969
CSS-IA-041-01	02/24/2010 13:00:00	3-Pentanone	96-22-0	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-041-01	02/24/2010 13:00:00	Cyclopentane	287-92-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		83.6		70.1	0.239687526	0.143353783
CSS-IA-041-01	02/24/2010 13:00:00	Isobutene	115-11-7	1	10CC06-26	723 S. Leeds	Subslab	Subslab		395		56.11	0.906480573	0.114744376
CSS-IA-041-01	02/24/2010 13:00:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	133.41	0.272822086	0.272822086
CSS-IA-041-01	02/24/2010 13:00:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	167.85	0.343251534	0.343251534
CSS-IA-041-01	02/24/2010 13:00:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		79.6		187.38	0.610038773	0.383190184
CSS-IA-041-01	02/24/2010 13:00:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	133.41	0.272822086	0.272822086
CSS-IA-041-01	02/24/2010 13:00:00	1,1-Dichloroethane	75-34-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	98.96	0.202372188	0.202372188
CSS-IA-041-01	02/24/2010 13:00:00	1,1-Dichloroethene	75-35-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	96.94	0.198241309	0.198241309
CSS-IA-041-01	02/24/2010 13:00:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		368	J	120.2	1.809145194	0.245807771
CSS-IA-041-01	02/24/2010 13:00:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-041-01	02/24/2010 13:00:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		889	J	120.2	4.370462168	0.245807771
CSS-IA-041-01	02/24/2010 13:00:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	187.86	0.384171779	0.384171779
CSS-IA-041-01	02/24/2010 13:00:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	147	0.300613497	0.300613497
CSS-IA-041-01	02/24/2010 13:00:00	1,2-Dichloroethane	107-06-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	98.96	0.202372188	0.202372188
CSS-IA-041-01	02/24/2010 13:00:00	1,2-Dichloropropane	78-87-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	112.99	0.231063395	0.231063395
CSS-IA-041-01	02/24/2010 13:00:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		282		120.2	1.386355828	0.245807771
CSS-IA-041-01	02/24/2010 13:00:00	1,3-Butadiene	106-99-0	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	54.09	0.110613497	0.110613497
CSS-IA-041-01	02/24/2010 13:00:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	147	0.300613497	0.300613497
CSS-IA-041-01	02/24/2010 13:00:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-26	723 S. Leeds	Subslab	Subslab		126	J	147	0.757546012	0.300613497
CSS-IA-041-01	02/24/2010 13:00:00	1,4-Dioxane	123-91-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-041-01	02/24/2010 13:00:00	1-Butanol	71-36-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		145	J	74.12	0.439566462	0.151574642
CSS-IA-041-01	02/24/2010 13:00:00	2-Hexanone	591-78-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		111	J	100.16	0.45471411	0.204826176
CSS-IA-041-01	02/24/2010 13:00:00	3-Hexanone	589-38-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-041-01	02/24/2010 13:00:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		122	J	100.16	0.499775869	0.204826176
CSS-IA-041-01	02/24/2010 13:00:00	Acetone	67-64-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		4760	J	58.08	11.30719018	0.118773006

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-041-01	02/24/2010 13:00:00	Acetonitrile	75-05-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		265	J	41.05	0.4449182	0.335787321
CSS-IA-041-01	02/24/2010 13:00:00	Acrolein	107-02-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		229	J	56.06	0.525060941	0.114642127
CSS-IA-041-01	02/24/2010 13:00:00	Benzene	71-43-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		452		78.11	1.443996728	0.159734151
CSS-IA-041-01	02/24/2010 13:00:00	Benzyl chloride	100-44-7	1	10CC06-26	723 S. Leeds	Subslab	Subslab		54.6		126.59	0.282691779	0.258875256
CSS-IA-041-01	02/24/2010 13:00:00	Bromodichloromethane	75-27-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	163.83	0.335030675	0.335030675
CSS-IA-041-01	02/24/2010 13:00:00	Bromoform	75-25-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	252.73	0.516830266	0.516830266
CSS-IA-041-01	02/24/2010 13:00:00	Bromomethane	74-83-9	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	94.94	0.194151329	0.194151329
CSS-IA-041-01	02/24/2010 13:00:00	Carbon disulfide	75-15-0	1	10CC06-26	723 S. Leeds	Subslab	Subslab		137	J	76.13	0.426577096	0.155685072
CSS-IA-041-01	02/24/2010 13:00:00	Carbon tetrachloride	56-23-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	153.82	0.314560327	0.314560327
CSS-IA-041-01	02/24/2010 13:00:00	Chlorobenzene	108-90-7	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	112.56	0.230184049	0.230184049
CSS-IA-041-01	02/24/2010 13:00:00	Chlorodifluoromethane	75-45-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		152		86.47	0.537564008	0.176830266
CSS-IA-041-01	02/24/2010 13:00:00	Chloroethane	75-00-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	64.52	0.13194274	0.13194274
CSS-IA-041-01	02/24/2010 13:00:00	Chloroform	67-66-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	119.38	0.244130879	0.244130879
CSS-IA-041-01	02/24/2010 13:00:00	Chloromethane	74-87-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		55.1		50.49	0.11378319	0.103251534
CSS-IA-041-01	02/24/2010 13:00:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	96.94	0.198241309	0.198241309
CSS-IA-041-01	02/24/2010 13:00:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	110.97	0.226932515	0.226932515
CSS-IA-041-01	02/24/2010 13:00:00	Cyclohexane	110-82-7	1	10CC06-26	723 S. Leeds	Subslab	Subslab		150	J	84.16	0.516319018	0.172106339
CSS-IA-041-01	02/24/2010 13:00:00	Dichlorodifluoromethane	75-71-8	1	10CC06-26	723 S. Leeds	Subslab	Subslab		473		120.91	2.339076892	0.247259714
CSS-IA-041-01	02/24/2010 13:00:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	120.91	0.247259714	0.247259714
CSS-IA-041-01	02/24/2010 13:00:00	Ethylbenzene	100-41-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		708		106.17	3.074370552	0.217116564
CSS-IA-041-01	02/24/2010 13:00:00	m,p-Xylene	100-01-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		2870		138.13	16.21403272	1.129897751
CSS-IA-041-01	02/24/2010 13:00:00	Methyl ethyl ketone	78-93-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		1090	J	72.11	3.214719836	0.147464213
CSS-IA-041-01	02/24/2010 13:00:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-041-01	02/24/2010 13:00:00	Methyl vinyl ketone	78-94-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		107	J	72.11	0.315573415	0.147464213
CSS-IA-041-01	02/24/2010 13:00:00	Methylene chloride	75-09-2	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	84.93	0.173680982	0.173680982
CSS-IA-041-01	02/24/2010 13:00:00	n-Hexane	110-54-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		238		86.18	0.838889162	0.176237219
CSS-IA-041-01	02/24/2010 13:00:00	o-Xylene	95-47-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		1130		106.17	4.906834356	0.217116564
CSS-IA-041-01	02/24/2010 13:00:00	Pentane	109-66-0	1	10CC06-26	723 S. Leeds	Subslab	Subslab		301		72.15	0.888226994	0.147546012
CSS-IA-041-01	02/24/2010 13:00:00	Propanal	123-38-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		540	J	58.08	1.282748466	0.118773006
CSS-IA-041-01	02/24/2010 13:00:00	Propene	115-07-1	1	10CC06-26	723 S. Leeds	Subslab	Subslab		310		42.08	0.533529652	0.08605317
CSS-IA-041-01	02/24/2010 13:00:00	Styrene	100-42-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		656	J	104.15	2.794372188	0.212985685
CSS-IA-041-01	02/24/2010 13:00:00	Tetrachloroethene	127-18-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		128		165.83	0.868148875	0.339120654
CSS-IA-041-01	02/24/2010 13:00:00	Toluene	108-88-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		1380		92.14	5.200539877	0.188425358
CSS-IA-041-01	02/24/2010 13:00:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	110.97	0.226932515	0.226932515
CSS-IA-041-01	02/24/2010 13:00:00	Trichloroethene	79-01-6	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	131.39	0.268691207	0.268691207
CSS-IA-041-01	02/24/2010 13:00:00	Trichlorofluoromethane	75-69-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		217		137.37	1.219193865	0.280920245
CSS-IA-041-01	02/24/2010 13:00:00	Vinyl chloride	75-01-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	62.5	0.127811861	0.127811861
CSS-IA-041-01	02/24/2010 13:00:00	Isoprene	78-79-5	1	10CC06-26	723 S. Leeds	Subslab	Subslab		181		68.12	0.504283027	0.139304703
CSS-IA-041-01	02/24/2010 13:00:00	Methacrolein	78-85-3	1	10CC06-26	723 S. Leeds	Subslab	Subslab		101		70.09	0.289533333	0.143333333
CSS-IA-041-01	02/24/2010 13:00:00	Methyl iodide	74-88-4	1	10CC06-26	723 S. Leeds	Subslab	Subslab		50	U	141.94	0.290265849	0.290265849
CSS-IA-042-01	02/24/2010 13:07:00	1-Propanol	71-23-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		641	J	60.1	1.575627812	0.516196319
CSS-IA-042-01	02/24/2010 13:07:00	2-Pentanone	107-87-9	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		122	J	86.13	0.429769325	0.176134969
CSS-IA-042-01	02/24/2010 13:07:00	3-Pentanone	96-22-0	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-042-01	02/24/2010 13:07:00	Cyclopentane	287-92-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		51.9		70.1	0.148801227	0.143353783
CSS-IA-042-01	02/24/2010 13:07:00	Isobutene	115-11-7	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		3150		56.11	7.228895706	0.114744376
CSS-IA-042-01	02/24/2010 13:07:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-042-01	02/24/2010 13:07:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-042-01	02/24/2010 13:07:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		73.7		187.38	0.564822331	0.383190184
CSS-IA-042-01	02/24/2010 13:07:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-042-01	02/24/2010 13:07:00	1,1-Dichloroethane	75-34-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-042-01	02/24/2010 13:07:00	1,1-Dichloroethene	75-35-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-042-01	02/24/2010 13:07:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		123	J	120.2	0.604687117	0.245807771
CSS-IA-042-01	02/24/2010 13:07:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-042-01	02/24/2010 13:07:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		201	J	120.2	0.988147239	0.245807771
CSS-IA-042-01	02/24/2010 13:07:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-042-01	02/24/2010 13:07:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-042-01	02/24/2010 13:07:00	1,2-Dichloroethane	107-06-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-042-01	02/24/2010 13:07:00	1,2-Dichloropropane	78-87-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-042-01	02/24/2010 13:07:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		74.8		120.2	0.367728425	0.245807771
CSS-IA-042-01	02/24/2010 13:07:00	1,3-Butadiene	106-99-0	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1880		54.09	4.159067485	0.110613497
CSS-IA-042-01	02/24/2010 13:07:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-042-01	02/24/2010 13:07:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-042-01	02/24/2010 13:07:00	1,4-Dioxane	123-91-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-042-01	02/24/2010 13:07:00	1-Butanol	71-36-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		104	J	74.12	0.315275256	0.151574642
CSS-IA-042-01	02/24/2010 13:07:00	2-Hexanone	591-78-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-042-01	02/24/2010 13:07:00	2-Propanol	67-63-0	10	10CC06-27	723 S. Leeds	Basement	Indoor Air		4730	J	60.1	11.62670757	1.229038855
CSS-IA-042-01	02/24/2010 13:07:00	3-Hexanone	589-38-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-042-01	02/24/2010 13:07:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		64.5	J	100.16	0.264225767	0.204826176
CSS-IA-042-01	02/24/2010 13:07:00	Acetone	67-64-1	10	10CC06-27	723 S. Leeds	Basement	Indoor Air		5860	J	58.08	13.92019632	1.187730061
CSS-IA-042-01	02/24/2010 13:07:00	Acetonitrile	75-05-8	10	10CC06-27	723 S. Leeds	Basement	Indoor Air		3640	J	41.05	6.111329243	3.357873211
CSS-IA-042-01	02/24/2010 13:07:00	Acrolein	107-02-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1280	J	56.06	2.934838446	0.114642127
CSS-IA-042-01	02/24/2010 13:07:00	Benzene	71-43-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1670		78.11	5.335120654	0.159734151
CSS-IA-042-01	02/24/2010 13:07:00	Benzyl chloride	100-44-7	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-042-01	02/24/2010 13:07:00	Bromodichloromethane	75-27-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-042-01	02/24/2010 13:07:00	Bromoform	75-25-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		55.8		252.73	0.576782577	0.516830266
CSS-IA-042-01	02/24/2010 13:07:00	Bromomethane	74-83-9	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-042-01	02/24/2010 13:07:00	Carbon disulfide	75-15-0	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-042-01	02/24/2010 13:07:00	Carbon tetrachloride	56-23-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		69.4	J	153.82	0.436609734	0.314560327
CSS-IA-042-01	02/24/2010 13:07:00	Chlorobenzene	108-90-7	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-042-01	02/24/2010 13:07:00	Chlorodifluoromethane	75-45-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		204		86.47	0.721467485	0.176830266
CSS-IA-042-01	02/24/2010 13:07:00	Chloroethane	75-00-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-042-01	02/24/2010 13:07:00	Chloroform	67-66-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		126		119.38	0.615209816	0.244130879
CSS-IA-042-01	02/24/2010 13:07:00	Chloromethane	74-87-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1060		50.49	2.188932515	0.103251534
CSS-IA-042-01	02/24/2010 13:07:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-042-01	02/24/2010 13:07:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-042-01	02/24/2010 13:07:00	Cyclohexane	110-82-7	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		109	J	84.16	0.37519182	0.172106339
CSS-IA-042-01	02/24/2010 13:07:00	Isoprene	78-79-5	10	10CC06-27	723 S. Leeds	Basement	Indoor Air		7690		68.12	21.42506339	1.393047035
CSS-IA-042-01	02/24/2010 13:07:00	Dichlorodifluoromethane	75-71-8	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		380		120.91	1.879173824	0.247259714
CSS-IA-042-01	02/24/2010 13:07:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-042-01	02/24/2010 13:07:00	Ethylbenzene	100-41-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		746		106.17	3.239379141	0.217116564
CSS-IA-042-01	02/24/2010 13:07:00	m,p-Xylene	100-01-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		2510		138.13	14.18021677	1.129897751
CSS-IA-042-01	02/24/2010 13:07:00	Methyl ethyl ketone	78-93-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1500	J	72.11	4.42392638	0.147464213
CSS-IA-042-01	02/24/2010 13:07:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-042-01	02/24/2010 13:07:00	Methyl vinyl ketone	78-94-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		950	J	72.11	2.801820041	0.147464213
CSS-IA-042-01	02/24/2010 13:07:00	Methylene chloride	75-09-2	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		54.6		84.93	0.189659632	0.173680982
CSS-IA-042-01	02/24/2010 13:07:00	n-Hexane	110-54-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		170		86.18	0.599206544	0.176237219
CSS-IA-042-01	02/24/2010 13:07:00	o-Xylene	95-47-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		539		106.17	2.340516564	0.217116564
CSS-IA-042-01	02/24/2010 13:07:00	Pentane	109-66-0	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		540		72.15	1.593496933	0.147546012
CSS-IA-042-01	02/24/2010 13:07:00	Propanal	123-38-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1090	J	58.08	2.589251534	0.118773006
CSS-IA-042-01	02/24/2010 13:07:00	Propene	115-07-1	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	42.08	0.08605317	0.08605317
CSS-IA-042-01	02/24/2010 13:07:00	Styrene	100-42-5	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		1020	J	104.15	4.344907975	0.212985685
CSS-IA-042-01	02/24/2010 13:07:00	Tetrachloroethene	127-18-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		707		165.83	4.795166053	0.339120654
CSS-IA-042-01	02/24/2010 13:07:00	Toluene	108-88-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		3980		92.14	14.99865849	0.188425358
CSS-IA-042-01	02/24/2010 13:07:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-042-01	02/24/2010 13:07:00	Trichloroethene	79-01-6	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		115		131.39	0.617989775	0.268691207
CSS-IA-042-01	02/24/2010 13:07:00	Trichlorofluoromethane	75-69-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		191		137.37	1.073115337	0.280920245
CSS-IA-042-01	02/24/2010 13:07:00	Vinyl chloride	75-01-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-042-01	02/24/2010 13:07:00	Methacrolein	78-85-3	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		757		70.09	2.170066667	0.143333333
CSS-IA-042-01	02/24/2010 13:07:00	Methyl iodide	74-88-4	1	10CC06-27	723 S. Leeds	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-043-01	02/24/2010 12:58:00	1-Propanol	71-23-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		1480	J	60.1	3.63795501	0.516196319
CSS-IA-043-01	02/24/2010 12:58:00	2-Pentanone	107-87-9	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		395	J	86.13	1.391466258	0.176134969
CSS-IA-043-01	02/24/2010 12:58:00	3-Pentanone	96-22-0	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		148	J	86.13	0.521359509	0.176134969

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-043-01	02/24/2010 12:58:00	Cyclopentane	287-92-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		83.7		70.1	0.239974233	0.143353783
CSS-IA-043-01	02/24/2010 12:58:00	Isobutene	115-11-7	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		6710		56.11	15.3986953	1.147443763
CSS-IA-043-01	02/24/2010 12:58:00	Isoprene	78-79-5	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		16000		68.12	44.57750511	1.393047035
CSS-IA-043-01	02/24/2010 12:58:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-043-01	02/24/2010 12:58:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-043-01	02/24/2010 12:58:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		84.4		187.38	0.646825031	0.383190184
CSS-IA-043-01	02/24/2010 12:58:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-043-01	02/24/2010 12:58:00	1,1-Dichloroethane	75-34-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-043-01	02/24/2010 12:58:00	1,1-Dichloroethene	75-35-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-043-01	02/24/2010 12:58:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		272	J	120.2	1.337194274	0.245807771
CSS-IA-043-01	02/24/2010 12:58:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-043-01	02/24/2010 12:58:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		434	J	120.2	2.133611452	0.245807771
CSS-IA-043-01	02/24/2010 12:58:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-043-01	02/24/2010 12:58:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-043-01	02/24/2010 12:58:00	1,2-Dichloroethane	107-06-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		65.6		98.96	0.265512311	0.202372188
CSS-IA-043-01	02/24/2010 12:58:00	1,2-Dichloropropane	78-87-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-043-01	02/24/2010 12:58:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		131		120.2	0.64401636	0.245807771
CSS-IA-043-01	02/24/2010 12:58:00	1,3-Butadiene	106-99-0	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		4300		54.09	9.512760736	1.106134969
CSS-IA-043-01	02/24/2010 12:58:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-043-01	02/24/2010 12:58:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-043-01	02/24/2010 12:58:00	1,4-Dioxane	123-91-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-043-01	02/24/2010 12:58:00	1-Butanol	71-36-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		195	J	74.12	0.591141104	0.151574642
CSS-IA-043-01	02/24/2010 12:58:00	2-Hexanone	591-78-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		98.4	J	100.16	0.403097914	0.204826176
CSS-IA-043-01	02/24/2010 12:58:00	3-Hexanone	589-38-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-043-01	02/24/2010 12:58:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		114	J	100.16	0.467003681	0.204826176
CSS-IA-043-01	02/24/2010 12:58:00	Acetone	67-64-1	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		11900	J	58.08	28.26797546	1.187730061
CSS-IA-043-01	02/24/2010 12:58:00	Acetonitrile	75-05-8	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		8120	J	41.05	13.63296524	3.357873211
CSS-IA-043-01	02/24/2010 12:58:00	Acrolein	107-02-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		3850	J	56.06	8.827443763	0.114642127
CSS-IA-043-01	02/24/2010 12:58:00	Benzene	71-43-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		4270		78.11	13.64129652	0.159734151
CSS-IA-043-01	02/24/2010 12:58:00	Benzyl chloride	100-44-7	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-043-01	02/24/2010 12:58:00	Bromodichloromethane	75-27-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-043-01	02/24/2010 12:58:00	Bromoform	75-25-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-043-01	02/24/2010 12:58:00	Bromomethane	74-83-9	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-043-01	02/24/2010 12:58:00	Carbon disulfide	75-15-0	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		66.5	J	76.13	0.207061145	0.155685072
CSS-IA-043-01	02/24/2010 12:58:00	Carbon tetrachloride	56-23-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		89.1	J	153.82	0.560546503	0.314560327
CSS-IA-043-01	02/24/2010 12:58:00	Chlorobenzene	108-90-7	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-043-01	02/24/2010 12:58:00	Chlorodifluoromethane	75-45-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		270		86.47	0.954883436	0.176830266
CSS-IA-043-01	02/24/2010 12:58:00	Chloroethane	75-00-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		68.6		64.52	0.18102544	0.13194274
CSS-IA-043-01	02/24/2010 12:58:00	Chloroform	67-66-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		170		119.38	0.83004499	0.244130879
CSS-IA-043-01	02/24/2010 12:58:00	Chloromethane	74-87-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		2790		50.49	5.761435583	0.103251534
CSS-IA-043-01	02/24/2010 12:58:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-043-01	02/24/2010 12:58:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-043-01	02/24/2010 12:58:00	Cyclohexane	110-82-7	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		202	J	84.16	0.695309611	0.172106339
CSS-IA-043-01	02/24/2010 12:58:00	Dichlorodifluoromethane	75-71-8	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		488		120.91	2.413254806	0.247259714
CSS-IA-043-01	02/24/2010 12:58:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-043-01	02/24/2010 12:58:00	Ethylbenzene	100-41-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		1800		106.17	7.816196319	0.217116564
CSS-IA-043-01	02/24/2010 12:58:00	m,p-Xylene	100-01-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		6120		138.13	34.57487117	1.129897751
CSS-IA-043-01	02/24/2010 12:58:00	Methyl ethyl ketone	78-93-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		3340	J	72.11	9.850609407	0.147464213
CSS-IA-043-01	02/24/2010 12:58:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-043-01	02/24/2010 12:58:00	Methyl vinyl ketone	78-94-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		3050	J	72.11	8.995316973	0.147464213
CSS-IA-043-01	02/24/2010 12:58:00	Methylene chloride	75-09-2	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		84.5		84.93	0.293520859	0.173680982
CSS-IA-043-01	02/24/2010 12:58:00	n-Hexane	110-54-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		338		86.18	1.191363599	0.176237219
CSS-IA-043-01	02/24/2010 12:58:00	o-Xylene	95-47-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		1230		106.17	5.341067485	0.217116564
CSS-IA-043-01	02/24/2010 12:58:00	Pentane	109-66-0	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		1150		72.15	3.393558282	0.147546012
CSS-IA-043-01	02/24/2010 12:58:00	Propanal	123-38-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		2560	J	58.08	6.081177914	0.118773006
CSS-IA-043-01	02/24/2010 12:58:00	Propene	115-07-1	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	42.08	0.08605317	0.08605317

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-043-01	02/24/2010 12:58:00	Styrene	100-42-5	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		2640	J	104.15	11.24564417	0.212985685
CSS-IA-043-01	02/24/2010 12:58:00	Tetrachloroethene	127-18-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		813		165.83	5.51410184	0.339120654
CSS-IA-043-01	02/24/2010 12:58:00	Toluene	108-88-3	10	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		5840		92.14	22.0080818	1.884253579
CSS-IA-043-01	02/24/2010 12:58:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-043-01	02/24/2010 12:58:00	Trichloroethene	79-01-6	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		237		131.39	1.273596319	0.268691207
CSS-IA-043-01	02/24/2010 12:58:00	Trichlorofluoromethane	75-69-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		231		137.37	1.297851534	0.280920245
CSS-IA-043-01	02/24/2010 12:58:00	Vinyl chloride	75-01-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-043-01	02/24/2010 12:58:00	Methacrolein	78-85-3	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		2150		70.09	6.163333333	0.143333333
CSS-IA-043-01	02/24/2010 12:58:00	Methyl iodide	74-88-4	1	10CC06-28	723 S. Leeds	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-044-01	02/24/2010 16:44:00	1-Propanol	71-23-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-044-01	02/24/2010 16:44:00	2-Pentanone	107-87-9	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-044-01	02/24/2010 16:44:00	3-Pentanone	96-22-0	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-044-01	02/24/2010 16:44:00	Cyclopentane	287-92-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	70.1	0.143353783	0.143353783
CSS-IA-044-01	02/24/2010 16:44:00	Isobutene	115-11-7	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		54.9		56.11	0.125989325	0.114744376
CSS-IA-044-01	02/24/2010 16:44:00	Isoprene	78-79-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		192		68.12	0.534930061	0.139304703
CSS-IA-044-01	02/24/2010 16:44:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-044-01	02/24/2010 16:44:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-044-01	02/24/2010 16:44:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		83.6		187.38	0.640693988	0.383190184
CSS-IA-044-01	02/24/2010 16:44:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-044-01	02/24/2010 16:44:00	1,1-Dichloroethane	75-34-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-044-01	02/24/2010 16:44:00	1,1-Dichloroethene	75-35-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-044-01	02/24/2010 16:44:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-044-01	02/24/2010 16:44:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-044-01	02/24/2010 16:44:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		52.1	J	120.2	0.256131697	0.245807771
CSS-IA-044-01	02/24/2010 16:44:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-044-01	02/24/2010 16:44:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-044-01	02/24/2010 16:44:00	1,2-Dichloroethane	107-06-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-044-01	02/24/2010 16:44:00	1,2-Dichloropropane	78-87-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-044-01	02/24/2010 16:44:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		70.4		120.2	0.346097342	0.245807771
CSS-IA-044-01	02/24/2010 16:44:00	1,3-Butadiene	106-99-0	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-044-01	02/24/2010 16:44:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-044-01	02/24/2010 16:44:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-044-01	02/24/2010 16:44:00	1,4-Dioxane	123-91-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-044-01	02/24/2010 16:44:00	1-Butanol	71-36-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-044-01	02/24/2010 16:44:00	2-Hexanone	591-78-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-044-01	02/24/2010 16:44:00	3-Hexanone	589-38-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-044-01	02/24/2010 16:44:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		54.4	J	100.16	0.222850879	0.204826176
CSS-IA-044-01	02/24/2010 16:44:00	Acetone	67-64-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		3570	J	58.08	8.480392638	0.118773006
CSS-IA-044-01	02/24/2010 16:44:00	Acetonitrile	75-05-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-044-01	02/24/2010 16:44:00	Acrolein	107-02-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		172	J	56.06	0.394368916	0.114642127
CSS-IA-044-01	02/24/2010 16:44:00	Benzene	71-43-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		199		78.11	0.635741922	0.159734151
CSS-IA-044-01	02/24/2010 16:44:00	Benzyl chloride	100-44-7	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-044-01	02/24/2010 16:44:00	Bromodichloromethane	75-27-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		56.3		163.83	0.37724454	0.335030675
CSS-IA-044-01	02/24/2010 16:44:00	Bromoform	75-25-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		296		252.73	3.059635174	0.516830266
CSS-IA-044-01	02/24/2010 16:44:00	Bromomethane	74-83-9	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-044-01	02/24/2010 16:44:00	Carbon disulfide	75-15-0	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-044-01	02/24/2010 16:44:00	Carbon tetrachloride	56-23-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		72.7	J	153.82	0.457370716	0.314560327
CSS-IA-044-01	02/24/2010 16:44:00	Chlorobenzene	108-90-7	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-044-01	02/24/2010 16:44:00	Chlorodifluoromethane	75-45-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		281		86.47	0.993786094	0.176830266
CSS-IA-044-01	02/24/2010 16:44:00	Chloroethane	75-00-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-044-01	02/24/2010 16:44:00	Chloroform	67-66-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		195		119.38	0.952110429	0.244130879
CSS-IA-044-01	02/24/2010 16:44:00	Chloromethane	74-87-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		419		50.49	0.865247853	0.103251534
CSS-IA-044-01	02/24/2010 16:44:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		71.5		96.94	0.283485072	0.198241309
CSS-IA-044-01	02/24/2010 16:44:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-044-01	02/24/2010 16:44:00	Cyclohexane	110-82-7	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-044-01	02/24/2010 16:44:00	Dichlorodifluoromethane	75-71-8	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		418		120.91	2.067091207	0.247259714

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-044-01	02/24/2010 16:44:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-044-01	02/24/2010 16:44:00	Ethylbenzene	100-41-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		60.1		106.17	0.26097411	0.217116564
CSS-IA-044-01	02/24/2010 16:44:00	m,p-Xylene	100-01-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-044-01	02/24/2010 16:44:00	Methyl ethyl ketone	78-93-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		342	J	72.11	1.008655215	0.147464213
CSS-IA-044-01	02/24/2010 16:44:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-044-01	02/24/2010 16:44:00	Methyl vinyl ketone	78-94-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		88	J	72.11	0.259537014	0.147464213
CSS-IA-044-01	02/24/2010 16:44:00	Methylene chloride	75-09-2	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		57.2		84.93	0.198691043	0.173680982
CSS-IA-044-01	02/24/2010 16:44:00	n-Hexane	110-54-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		96		86.18	0.33837546	0.176237219
CSS-IA-044-01	02/24/2010 16:44:00	o-Xylene	95-47-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		60		106.17	0.260539877	0.217116564
CSS-IA-044-01	02/24/2010 16:44:00	Pentane	109-66-0	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		304		72.15	0.897079755	0.147546012
CSS-IA-044-01	02/24/2010 16:44:00	Propanal	123-38-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		561	J	58.08	1.332633129	0.118773006
CSS-IA-044-01	02/24/2010 16:44:00	Propene	115-07-1	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		505		42.08	0.869137014	0.08605317
CSS-IA-044-01	02/24/2010 16:44:00	Styrene	100-42-5	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		53.7	J	104.15	0.228746626	0.212985685
CSS-IA-044-01	02/24/2010 16:44:00	Tetrachloroethene	127-18-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		825		165.83	5.595490798	0.339120654
CSS-IA-044-01	02/24/2010 16:44:00	Toluene	108-88-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		198		92.14	0.746164417	0.188425358
CSS-IA-044-01	02/24/2010 16:44:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-044-01	02/24/2010 16:44:00	Trichloroethene	79-01-6	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		54.5		131.39	0.292873415	0.268691207
CSS-IA-044-01	02/24/2010 16:44:00	Trichlorofluoromethane	75-69-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		209		137.37	1.174246626	0.280920245
CSS-IA-044-01	02/24/2010 16:44:00	Vinyl chloride	75-01-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-044-01	02/24/2010 16:44:00	Methacrolein	78-85-3	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		107		70.09	0.306733333	0.143333333
CSS-IA-044-01	02/24/2010 16:44:00	Methyl iodide	74-88-4	1	10CC06-29	725 S. Leeds	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-045-01	02/24/2010 16:43:00	1-Propanol	71-23-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-045-01	02/24/2010 16:43:00	2-Pentanone	107-87-9	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-045-01	02/24/2010 16:43:00	3-Pentanone	96-22-0	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-045-01	02/24/2010 16:43:00	Cyclopentane	287-92-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	70.1	0.143353783	0.143353783
CSS-IA-045-01	02/24/2010 16:43:00	Isobutene	115-11-7	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		83.3		56.11	0.191164131	0.114744376
CSS-IA-045-01	02/24/2010 16:43:00	Isoprene	78-79-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		898		68.12	2.501912474	0.139304703
CSS-IA-045-01	02/24/2010 16:43:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-045-01	02/24/2010 16:43:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-045-01	02/24/2010 16:43:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		87.3		187.38	0.669050061	0.383190184
CSS-IA-045-01	02/24/2010 16:43:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-045-01	02/24/2010 16:43:00	1,1-Dichloroethane	75-34-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-045-01	02/24/2010 16:43:00	1,1-Dichloroethene	75-35-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-045-01	02/24/2010 16:43:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-045-01	02/24/2010 16:43:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-045-01	02/24/2010 16:43:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		81.2	J	120.2	0.39919182	0.245807771
CSS-IA-045-01	02/24/2010 16:43:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-045-01	02/24/2010 16:43:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-045-01	02/24/2010 16:43:00	1,2-Dichloroethane	107-06-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-045-01	02/24/2010 16:43:00	1,2-Dichloropropane	78-87-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-045-01	02/24/2010 16:43:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		78.2		120.2	0.384443354	0.245807771
CSS-IA-045-01	02/24/2010 16:43:00	1,3-Butadiene	106-99-0	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-045-01	02/24/2010 16:43:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-045-01	02/24/2010 16:43:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-045-01	02/24/2010 16:43:00	1,4-Dioxane	123-91-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-045-01	02/24/2010 16:43:00	1-Butanol	71-36-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		99.2	J	74.12	0.30072409	0.151574642
CSS-IA-045-01	02/24/2010 16:43:00	2-Hexanone	591-78-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-045-01	02/24/2010 16:43:00	3-Hexanone	589-38-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-045-01	02/24/2010 16:43:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		63.5	J	100.16	0.260129243	0.204826176
CSS-IA-045-01	02/24/2010 16:43:00	Acetone	67-64-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		4820	J	58.08	11.44971779	0.118773006
CSS-IA-045-01	02/24/2010 16:43:00	Acetonitrile	75-05-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-045-01	02/24/2010 16:43:00	Acrolein	107-02-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		309	J	56.06	0.708488344	0.114642127
CSS-IA-045-01	02/24/2010 16:43:00	Benzene	71-43-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		222		78.11	0.709219632	0.159734151
CSS-IA-045-01	02/24/2010 16:43:00	Benzyl chloride	100-44-7	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-045-01	02/24/2010 16:43:00	Bromodichloromethane	75-27-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		75.7		163.83	0.507236442	0.335030675
CSS-IA-045-01	02/24/2010 16:43:00	Bromoform	75-25-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-045-01	02/24/2010 16:43:00	Bromomethane	74-83-9	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-045-01	02/24/2010 16:43:00	Carbon disulfide	75-15-0	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-045-01	02/24/2010 16:43:00	Carbon tetrachloride	56-23-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		75.6	J	153.82	0.475615215	0.314560327
CSS-IA-045-01	02/24/2010 16:43:00	Chlorobenzene	108-90-7	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-045-01	02/24/2010 16:43:00	Chlorodifluoromethane	75-45-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		376		86.47	1.329763599	0.176830266
CSS-IA-045-01	02/24/2010 16:43:00	Chloroethane	75-00-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-045-01	02/24/2010 16:43:00	Chloroform	67-66-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		274		119.38	1.337837219	0.244130879
CSS-IA-045-01	02/24/2010 16:43:00	Chloromethane	74-87-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		458		50.49	0.945784049	0.103251534
CSS-IA-045-01	02/24/2010 16:43:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		81.7		96.94	0.323926299	0.198241309
CSS-IA-045-01	02/24/2010 16:43:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-045-01	02/24/2010 16:43:00	Cyclohexane	110-82-7	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		104	J	84.16	0.357981186	0.172106339
CSS-IA-045-01	02/24/2010 16:43:00	Dichlorodifluoromethane	75-71-8	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		451		120.91	2.230282618	0.247259714
CSS-IA-045-01	02/24/2010 16:43:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-045-01	02/24/2010 16:43:00	Ethylbenzene	100-41-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		81.1		106.17	0.352163067	0.217116564
CSS-IA-045-01	02/24/2010 16:43:00	m,p-Xylene	100-01-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		212		138.13	1.197691616	1.129897751
CSS-IA-045-01	02/24/2010 16:43:00	Methyl ethyl ketone	78-93-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		403	J	72.11	1.188561554	0.147464213
CSS-IA-045-01	02/24/2010 16:43:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-045-01	02/24/2010 16:43:00	Methyl vinyl ketone	78-94-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		110	J	72.11	0.324421268	0.147464213
CSS-IA-045-01	02/24/2010 16:43:00	Methylene chloride	75-09-2	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		63.4		84.93	0.220227485	0.173680982
CSS-IA-045-01	02/24/2010 16:43:00	n-Hexane	110-54-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		104		86.18	0.366573415	0.176237219
CSS-IA-045-01	02/24/2010 16:43:00	o-Xylene	95-47-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		86.4		106.17	0.375177423	0.217116564
CSS-IA-045-01	02/24/2010 16:43:00	Pentane	109-66-0	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		365		72.15	1.07708589	0.147546012
CSS-IA-045-01	02/24/2010 16:43:00	Propanal	123-38-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		672	J	58.08	1.596309202	0.118773006
CSS-IA-045-01	02/24/2010 16:43:00	Propene	115-07-1	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		984		42.08	1.69352638	0.08605317
CSS-IA-045-01	02/24/2010 16:43:00	Styrene	100-42-5	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		82.3	J	104.15	0.350574438	0.212985685
CSS-IA-045-01	02/24/2010 16:43:00	Tetrachloroethene	127-18-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		913		165.83	6.192343149	0.339120654
CSS-IA-045-01	02/24/2010 16:43:00	Toluene	108-88-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		257		92.14	0.968506339	0.188425358
CSS-IA-045-01	02/24/2010 16:43:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-045-01	02/24/2010 16:43:00	Trichloroethene	79-01-6	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		61.1		131.39	0.328340654	0.268691207
CSS-IA-045-01	02/24/2010 16:43:00	Trichlorofluoromethane	75-69-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		226		137.37	1.269759509	0.280920245
CSS-IA-045-01	02/24/2010 16:43:00	Vinyl chloride	75-01-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-045-01	02/24/2010 16:43:00	Methacrolein	78-85-3	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		120		70.09	0.344	0.143333333
CSS-IA-045-01	02/24/2010 16:43:00	Methyl iodide	74-88-4	1	10CC06-30	725 S. Leeds	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-046-01	02/24/2010 17:14:00	1-Propanol	71-23-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		324	J	60.1	0.796417178	0.516196319
CSS-IA-046-01	02/24/2010 17:14:00	2-Pentanone	107-87-9	1	10CC06-31	821 S. Brandon	Subslab	Subslab		189	J	86.13	0.665790184	0.176134969
CSS-IA-046-01	02/24/2010 17:14:00	3-Pentanone	96-22-0	1	10CC06-31	821 S. Brandon	Subslab	Subslab		127	J	86.13	0.447382822	0.176134969
CSS-IA-046-01	02/24/2010 17:14:00	Cyclopentane	287-92-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		505		70.1	1.447873211	0.143353783
CSS-IA-046-01	02/24/2010 17:14:00	Isobutene	115-11-7	1	10CC06-31	821 S. Brandon	Subslab	Subslab		633		56.11	1.452663804	0.114744376
CSS-IA-046-01	02/24/2010 17:14:00	Isoprene	78-79-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		293		68.12	0.816325562	0.139304703
CSS-IA-046-01	02/24/2010 17:14:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	133.41	0.272822086	0.272822086
CSS-IA-046-01	02/24/2010 17:14:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	167.85	0.343251534	0.343251534
CSS-IA-046-01	02/24/2010 17:14:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		79.1		187.38	0.606206871	0.383190184
CSS-IA-046-01	02/24/2010 17:14:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		240		133.41	1.309546012	0.272822086
CSS-IA-046-01	02/24/2010 17:14:00	1,1-Dichloroethane	75-34-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	98.96	0.202372188	0.202372188
CSS-IA-046-01	02/24/2010 17:14:00	1,1-Dichloroethene	75-35-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		60.9		96.94	0.241457914	0.198241309
CSS-IA-046-01	02/24/2010 17:14:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		492	J	120.2	2.418748466	0.245807771
CSS-IA-046-01	02/24/2010 17:14:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-046-01	02/24/2010 17:14:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		1190	J	120.2	5.850224949	0.245807771
CSS-IA-046-01	02/24/2010 17:14:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	187.86	0.384171779	0.384171779
CSS-IA-046-01	02/24/2010 17:14:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	UJ	147	0.300613497	0.300613497
CSS-IA-046-01	02/24/2010 17:14:00	1,2-Dichloroethane	107-06-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	98.96	0.202372188	0.202372188
CSS-IA-046-01	02/24/2010 17:14:00	1,2-Dichloropropane	78-87-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	112.99	0.231063395	0.231063395
CSS-IA-046-01	02/24/2010 17:14:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		380		120.2	1.868139059	0.245807771
CSS-IA-046-01	02/24/2010 17:14:00	1,3-Butadiene	106-99-0	1	10CC06-31	821 S. Brandon	Subslab	Subslab		62.5		54.09	0.138266871	0.110613497
CSS-IA-046-01	02/24/2010 17:14:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	UJ	147	0.300613497	0.300613497
CSS-IA-046-01	02/24/2010 17:14:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-31	821 S. Brandon	Subslab	Subslab		151	J	147	0.907852761	0.300613497

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-046-01	02/24/2010 17:14:00	1,4-Dioxane	123-91-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-046-01	02/24/2010 17:14:00	1-Butanol	71-36-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		2370	J	74.12	7.184638037	0.151574642
CSS-IA-046-01	02/24/2010 17:14:00	2-Hexanone	591-78-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		93.1	J	100.16	0.381386339	0.204826176
CSS-IA-046-01	02/24/2010 17:14:00	3-Hexanone	589-38-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-046-01	02/24/2010 17:14:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		143	J	100.16	0.585802863	0.204826176
CSS-IA-046-01	02/24/2010 17:14:00	Acetone	67-64-1	10	10CC06-31	821 S. Brandon	Subslab	Subslab		3230	J	58.08	7.672736196	1.187730061
CSS-IA-046-01	02/24/2010 17:14:00	Acetonitrile	75-05-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		297	J	41.05	0.498644172	0.335787321
CSS-IA-046-01	02/24/2010 17:14:00	Acrolein	107-02-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		288	J	56.06	0.66033865	0.114642127
CSS-IA-046-01	02/24/2010 17:14:00	Benzene	71-43-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		763		78.11	2.437543149	0.159734151
CSS-IA-046-01	02/24/2010 17:14:00	Benzyl chloride	100-44-7	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	126.59	0.258875256	0.258875256
CSS-IA-046-01	02/24/2010 17:14:00	Bromodichloromethane	75-27-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	163.83	0.335030675	0.335030675
CSS-IA-046-01	02/24/2010 17:14:00	Bromoform	75-25-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	252.73	0.516830266	0.516830266
CSS-IA-046-01	02/24/2010 17:14:00	Bromomethane	74-83-9	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	94.94	0.194151329	0.194151329
CSS-IA-046-01	02/24/2010 17:14:00	Carbon disulfide	75-15-0	1	10CC06-31	821 S. Brandon	Subslab	Subslab		381	J	76.13	1.186320245	0.155685072
CSS-IA-046-01	02/24/2010 17:14:00	Carbon tetrachloride	56-23-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		59.1	J	153.82	0.371810307	0.314560327
CSS-IA-046-01	02/24/2010 17:14:00	Chlorobenzene	108-90-7	1	10CC06-31	821 S. Brandon	Subslab	Subslab		93.6		112.56	0.43090454	0.230184049
CSS-IA-046-01	02/24/2010 17:14:00	Chlorodifluoromethane	75-45-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		510		86.47	1.803668712	0.176830266
CSS-IA-046-01	02/24/2010 17:14:00	Chloroethane	75-00-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	64.52	0.13194274	0.13194274
CSS-IA-046-01	02/24/2010 17:14:00	Chloroform	67-66-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		608		119.38	2.968631493	0.244130879
CSS-IA-046-01	02/24/2010 17:14:00	Chloromethane	74-87-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		242		50.49	0.499737423	0.103251534
CSS-IA-046-01	02/24/2010 17:14:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	96.94	0.198241309	0.198241309
CSS-IA-046-01	02/24/2010 17:14:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	110.97	0.226932515	0.226932515
CSS-IA-046-01	02/24/2010 17:14:00	Cyclohexane	110-82-7	1	10CC06-31	821 S. Brandon	Subslab	Subslab		2400	J	84.16	8.261104294	0.172106339
CSS-IA-046-01	02/24/2010 17:14:00	Dichlorodifluoromethane	75-71-8	1	10CC06-31	821 S. Brandon	Subslab	Subslab		587		120.91	2.902829039	0.247259714
CSS-IA-046-01	02/24/2010 17:14:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	120.91	0.247259714	0.247259714
CSS-IA-046-01	02/24/2010 17:14:00	Ethylbenzene	100-41-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		1070		106.17	4.646294479	0.217116564
CSS-IA-046-01	02/24/2010 17:14:00	m,p-Xylene	100-01-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		3940		138.13	22.25898569	1.129897751
CSS-IA-046-01	02/24/2010 17:14:00	Methyl ethyl ketone	78-93-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		919	J	72.11	2.710392229	0.147464213
CSS-IA-046-01	02/24/2010 17:14:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-046-01	02/24/2010 17:14:00	Methyl vinyl ketone	78-94-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		153	J	72.11	0.451240491	0.147464213
CSS-IA-046-01	02/24/2010 17:14:00	Methylene chloride	75-09-2	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	84.93	0.173680982	0.173680982
CSS-IA-046-01	02/24/2010 17:14:00	n-Hexane	110-54-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		3880		86.18	13.67600818	0.176237219
CSS-IA-046-01	02/24/2010 17:14:00	o-Xylene	95-47-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		1480		106.17	6.426650307	0.217116564
CSS-IA-046-01	02/24/2010 17:14:00	Pentane	109-66-0	10	10CC06-31	821 S. Brandon	Subslab	Subslab		4640		72.15	13.69226994	1.475460123
CSS-IA-046-01	02/24/2010 17:14:00	Propanal	123-38-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		990	J	58.08	2.351705521	0.118773006
CSS-IA-046-01	02/24/2010 17:14:00	Propene	115-07-1	1	10CC06-31	821 S. Brandon	Subslab	Subslab		1250		42.08	2.151329243	0.08605317
CSS-IA-046-01	02/24/2010 17:14:00	Styrene	100-42-5	1	10CC06-31	821 S. Brandon	Subslab	Subslab		784	J	104.15	3.339615542	0.212985685
CSS-IA-046-01	02/24/2010 17:14:00	Tetrachloroethene	127-18-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		95.1		165.83	0.645007485	0.339120654
CSS-IA-046-01	02/24/2010 17:14:00	Toluene	108-88-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		2830		92.14	10.66487526	0.188425358
CSS-IA-046-01	02/24/2010 17:14:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	110.97	0.226932515	0.226932515
CSS-IA-046-01	02/24/2010 17:14:00	Trichloroethene	79-01-6	1	10CC06-31	821 S. Brandon	Subslab	Subslab		1420		131.39	7.630830266	0.268691207
CSS-IA-046-01	02/24/2010 17:14:00	Trichlorofluoromethane	75-69-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		233		137.37	1.309088344	0.280920245
CSS-IA-046-01	02/24/2010 17:14:00	Vinyl chloride	75-01-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	62.5	0.127811861	0.127811861
CSS-IA-046-01	02/24/2010 17:14:00	Methacrolein	78-85-3	1	10CC06-31	821 S. Brandon	Subslab	Subslab		157		70.09	0.450066667	0.143333333
CSS-IA-046-01	02/24/2010 17:14:00	Methyl iodide	74-88-4	1	10CC06-31	821 S. Brandon	Subslab	Subslab		50	U	141.94	0.290265849	0.290265849
CSS-IA-047-01	02/24/2010 17:20:00	1-Propanol	71-23-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		799	J	60.1	1.96400409	0.516196319
CSS-IA-047-01	02/24/2010 17:20:00	2-Pentanone	107-87-9	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-047-01	02/24/2010 17:20:00	3-Pentanone	96-22-0	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-047-01	02/24/2010 17:20:00	Cyclopentane	287-92-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		59.8		70.1	0.171451125	0.143353783
CSS-IA-047-01	02/24/2010 17:20:00	Isobutene	115-11-7	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		115		56.11	0.263912065	0.114744376
CSS-IA-047-01	02/24/2010 17:20:00	Isoprene	78-79-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		303		68.12	0.844186503	0.139304703
CSS-IA-047-01	02/24/2010 17:20:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-047-01	02/24/2010 17:20:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-047-01	02/24/2010 17:20:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		91.3		187.38	0.699705276	0.383190184
CSS-IA-047-01	02/24/2010 17:20:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-047-01	02/24/2010 17:20:00	1,1-Dichloroethane	75-34-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-047-01	02/24/2010 17:20:00	1,1-Dichloroethene	75-35-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-047-01	02/24/2010 17:20:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50.9	J	120.2	0.250232311	0.245807771
CSS-IA-047-01	02/24/2010 17:20:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-047-01	02/24/2010 17:20:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		95.5	J	120.2	0.469492843	0.245807771
CSS-IA-047-01	02/24/2010 17:20:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-047-01	02/24/2010 17:20:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-047-01	02/24/2010 17:20:00	1,2-Dichloroethane	107-06-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		117		98.96	0.47355092	0.202372188
CSS-IA-047-01	02/24/2010 17:20:00	1,2-Dichloropropane	78-87-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-047-01	02/24/2010 17:20:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		77.3		120.2	0.380018814	0.245807771
CSS-IA-047-01	02/24/2010 17:20:00	1,3-Butadiene	106-99-0	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-047-01	02/24/2010 17:20:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-047-01	02/24/2010 17:20:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-047-01	02/24/2010 17:20:00	1,4-Dioxane	123-91-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-047-01	02/24/2010 17:20:00	1-Butanol	71-36-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		83.1	J	74.12	0.251917055	0.151574642
CSS-IA-047-01	02/24/2010 17:20:00	2-Hexanone	591-78-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-047-01	02/24/2010 17:20:00	3-Hexanone	589-38-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-047-01	02/24/2010 17:20:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		69.6	J	100.16	0.285118037	0.204826176
CSS-IA-047-01	02/24/2010 17:20:00	Acetone	67-64-1	10	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		7530	J	58.08	17.88721472	1.187730061
CSS-IA-047-01	02/24/2010 17:20:00	Acetonitrile	75-05-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		298	J	41.05	0.500323108	0.335787321
CSS-IA-047-01	02/24/2010 17:20:00	Acrolein	107-02-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		379	J	56.06	0.868987321	0.114642127
CSS-IA-047-01	02/24/2010 17:20:00	Benzene	71-43-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		236		78.11	0.753945194	0.159734151
CSS-IA-047-01	02/24/2010 17:20:00	Benzyl chloride	100-44-7	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-047-01	02/24/2010 17:20:00	Bromodichloromethane	75-27-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-047-01	02/24/2010 17:20:00	Bromoform	75-25-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-047-01	02/24/2010 17:20:00	Bromomethane	74-83-9	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-047-01	02/24/2010 17:20:00	Carbon disulfide	75-15-0	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		51.7	J	76.13	0.160978364	0.155685072
CSS-IA-047-01	02/24/2010 17:20:00	Carbon tetrachloride	56-23-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		92	J	153.82	0.578791002	0.314560327
CSS-IA-047-01	02/24/2010 17:20:00	Chlorobenzene	108-90-7	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-047-01	02/24/2010 17:20:00	Chlorodifluoromethane	75-45-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		528		86.47	1.867327607	0.176830266
CSS-IA-047-01	02/24/2010 17:20:00	Chloroethane	75-00-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-047-01	02/24/2010 17:20:00	Chloroform	67-66-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		121		119.38	0.590796728	0.244130879
CSS-IA-047-01	02/24/2010 17:20:00	Chloromethane	74-87-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		470		50.49	0.970564417	0.103251534
CSS-IA-047-01	02/24/2010 17:20:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-047-01	02/24/2010 17:20:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-047-01	02/24/2010 17:20:00	Cyclohexane	110-82-7	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		87.9	J	84.16	0.302562945	0.172106339
CSS-IA-047-01	02/24/2010 17:20:00	Dichlorodifluoromethane	75-71-8	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		872		120.91	4.312209407	0.247259714
CSS-IA-047-01	02/24/2010 17:20:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-047-01	02/24/2010 17:20:00	Ethylbenzene	100-41-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		92.4		106.17	0.401231411	0.217116564
CSS-IA-047-01	02/24/2010 17:20:00	Methacrolein	78-85-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		135		70.09	0.387	0.143333333
CSS-IA-047-01	02/24/2010 17:20:00	m,p-Xylene	100-01-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		222		138.13	1.254186503	1.129897751
CSS-IA-047-01	02/24/2010 17:20:00	Methyl ethyl ketone	78-93-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		1360	J	72.11	4.011026585	0.147464213
CSS-IA-047-01	02/24/2010 17:20:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-047-01	02/24/2010 17:20:00	Methyl vinyl ketone	78-94-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		213	J	72.11	0.628197546	0.147464213
CSS-IA-047-01	02/24/2010 17:20:00	Methylene chloride	75-09-2	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		65.1		84.93	0.226132638	0.173680982
CSS-IA-047-01	02/24/2010 17:20:00	n-Hexane	110-54-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		314		86.18	1.106769734	0.176237219
CSS-IA-047-01	02/24/2010 17:20:00	o-Xylene	95-47-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		95.8		106.17	0.415995337	0.217116564
CSS-IA-047-01	02/24/2010 17:20:00	Pentane	109-66-0	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		1030		72.15	3.039447853	0.147546012
CSS-IA-047-01	02/24/2010 17:20:00	Propanal	123-38-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		1000	J	58.08	2.375460123	0.118773006
CSS-IA-047-01	02/24/2010 17:20:00	Propene	115-07-1	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		591		42.08	1.017148466	0.08605317
CSS-IA-047-01	02/24/2010 17:20:00	Styrene	100-42-5	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		185	J	104.15	0.788047035	0.212985685
CSS-IA-047-01	02/24/2010 17:20:00	Tetrachloroethene	127-18-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-047-01	02/24/2010 17:20:00	Toluene	108-88-3	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		2720		92.14	10.25033947	0.188425358
CSS-IA-047-01	02/24/2010 17:20:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-047-01	02/24/2010 17:20:00	Trichloroethene	79-01-6	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-047-01	02/24/2010 17:20:00	Trichlorofluoromethane	75-69-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		288		137.37	1.618100613	0.280920245
CSS-IA-047-01	02/24/2010 17:20:00	Vinyl chloride	75-01-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-047-01	02/24/2010 17:20:00	Methyl iodide	74-88-4	1	10CC06-32	821 S. Brandon	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-048-01	02/24/2010 17:18:00	1-Propanol	71-23-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		393	J	60.1	0.96602454	0.516196319
CSS-IA-048-01	02/24/2010 17:18:00	2-Pentanone	107-87-9	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-048-01	02/24/2010 17:18:00	3-Pentanone	96-22-0	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-048-01	02/24/2010 17:18:00	Cyclopentane	287-92-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		54.2		70.1	0.155395501	0.143353783
CSS-IA-048-01	02/24/2010 17:18:00	Isobutene	115-11-7	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		77.6		56.11	0.178083272	0.114744376
CSS-IA-048-01	02/24/2010 17:18:00	Isoprene	78-79-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		159		68.12	0.442988957	0.139304703
CSS-IA-048-01	02/24/2010 17:18:00	Methacrolein	78-85-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		83.4		70.09	0.23908	0.143333333
CSS-IA-048-01	02/24/2010 17:18:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-048-01	02/24/2010 17:18:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-048-01	02/24/2010 17:18:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		89.6		187.38	0.68667681	0.383190184
CSS-IA-048-01	02/24/2010 17:18:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-048-01	02/24/2010 17:18:00	1,1-Dichloroethane	75-34-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-048-01	02/24/2010 17:18:00	1,1-Dichloroethene	75-35-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-048-01	02/24/2010 17:18:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-048-01	02/24/2010 17:18:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-048-01	02/24/2010 17:18:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		69.9	J	120.2	0.343639264	0.245807771
CSS-IA-048-01	02/24/2010 17:18:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-048-01	02/24/2010 17:18:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-048-01	02/24/2010 17:18:00	1,2-Dichloroethane	107-06-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		59.7		98.96	0.241632393	0.202372188
CSS-IA-048-01	02/24/2010 17:18:00	1,2-Dichloropropane	78-87-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-048-01	02/24/2010 17:18:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50.4		120.2	0.247774233	0.245807771
CSS-IA-048-01	02/24/2010 17:18:00	1,3-Butadiene	106-99-0	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	54.09	0.110613497	0.110613497
CSS-IA-048-01	02/24/2010 17:18:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-048-01	02/24/2010 17:18:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-048-01	02/24/2010 17:18:00	1,4-Dioxane	123-91-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-048-01	02/24/2010 17:18:00	1-Butanol	71-36-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		56.4	J	74.12	0.170976196	0.151574642
CSS-IA-048-01	02/24/2010 17:18:00	2-Hexanone	591-78-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-048-01	02/24/2010 17:18:00	3-Hexanone	589-38-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-048-01	02/24/2010 17:18:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		60.9	J	100.16	0.249478282	0.204826176
CSS-IA-048-01	02/24/2010 17:18:00	Acetone	67-64-1	10	10CC06-33	821 S. Brandon	Basement	Indoor Air		4230	J	58.08	10.04819632	1.187730061
CSS-IA-048-01	02/24/2010 17:18:00	Acetonitrile	75-05-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		223	J	41.05	0.374402863	0.335787321
CSS-IA-048-01	02/24/2010 17:18:00	Acrolein	107-02-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		224	J	56.06	0.513596728	0.114642127
CSS-IA-048-01	02/24/2010 17:18:00	Benzene	71-43-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		198		78.11	0.632547239	0.159734151
CSS-IA-048-01	02/24/2010 17:18:00	Benzyl chloride	100-44-7	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-048-01	02/24/2010 17:18:00	Bromodichloromethane	75-27-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	163.83	0.335030675	0.335030675
CSS-IA-048-01	02/24/2010 17:18:00	Bromoform	75-25-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-048-01	02/24/2010 17:18:00	Bromomethane	74-83-9	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-048-01	02/24/2010 17:18:00	Carbon disulfide	75-15-0	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-048-01	02/24/2010 17:18:00	Carbon tetrachloride	56-23-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		83.8	J	153.82	0.527203108	0.314560327
CSS-IA-048-01	02/24/2010 17:18:00	Chlorobenzene	108-90-7	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-048-01	02/24/2010 17:18:00	Chlorodifluoromethane	75-45-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		438		86.47	1.549033129	0.176830266
CSS-IA-048-01	02/24/2010 17:18:00	Chloroethane	75-00-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-048-01	02/24/2010 17:18:00	Chloroform	67-66-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		90.4		119.38	0.44138863	0.244130879
CSS-IA-048-01	02/24/2010 17:18:00	Chloromethane	74-87-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		372		50.49	0.768191411	0.103251534
CSS-IA-048-01	02/24/2010 17:18:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-048-01	02/24/2010 17:18:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-048-01	02/24/2010 17:18:00	Cyclohexane	110-82-7	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		60.9	J	84.16	0.209625521	0.172106339
CSS-IA-048-01	02/24/2010 17:18:00	Dichlorodifluoromethane	75-71-8	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		673		120.91	3.328115746	0.247259714
CSS-IA-048-01	02/24/2010 17:18:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-048-01	02/24/2010 17:18:00	Ethylbenzene	100-41-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		70.9		106.17	0.307871288	0.217116564
CSS-IA-048-01	02/24/2010 17:18:00	m,p-Xylene	100-01-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		200	U	138.13	1.129897751	1.129897751
CSS-IA-048-01	02/24/2010 17:18:00	Methyl ethyl ketone	78-93-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		640	J	72.11	1.887541922	0.147464213
CSS-IA-048-01	02/24/2010 17:18:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-048-01	02/24/2010 17:18:00	Methyl vinyl ketone	78-94-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		87	J	72.11	0.25658773	0.147464213
CSS-IA-048-01	02/24/2010 17:18:00	Methylene chloride	75-09-2	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		59.2		84.93	0.205638282	0.173680982

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-048-01	02/24/2010 17:18:00	n-Hexane	110-54-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		181		86.18	0.637978732	0.176237219
CSS-IA-048-01	02/24/2010 17:18:00	o-Xylene	95-47-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		69.3		106.17	0.300923558	0.217116564
CSS-IA-048-01	02/24/2010 17:18:00	Pentane	109-66-0	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		664		72.15	1.959411043	0.147546012
CSS-IA-048-01	02/24/2010 17:18:00	Propanal	123-38-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		589	J	58.08	1.399146012	0.118773006
CSS-IA-048-01	02/24/2010 17:18:00	Propene	115-07-1	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		849		42.08	1.461182822	0.08605317
CSS-IA-048-01	02/24/2010 17:18:00	Styrene	100-42-5	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		109	J	104.15	0.464308793	0.212985685
CSS-IA-048-01	02/24/2010 17:18:00	Tetrachloroethene	127-18-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	165.83	0.339120654	0.339120654
CSS-IA-048-01	02/24/2010 17:18:00	Toluene	108-88-3	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		1140		92.14	4.29609816	0.188425358
CSS-IA-048-01	02/24/2010 17:18:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-048-01	02/24/2010 17:18:00	Trichloroethene	79-01-6	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	131.39	0.268691207	0.268691207
CSS-IA-048-01	02/24/2010 17:18:00	Trichlorofluoromethane	75-69-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		255		137.37	1.432693252	0.280920245
CSS-IA-048-01	02/24/2010 17:18:00	Vinyl chloride	75-01-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-048-01	02/24/2010 17:18:00	Methyl iodide	74-88-4	1	10CC06-33	821 S. Brandon	Basement	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-049-01	02/24/2010 17:39:00	1-Propanol	71-23-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-049-01	02/24/2010 17:39:00	2-Pentanone	107-87-9	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-049-01	02/24/2010 17:39:00	3-Pentanone	96-22-0	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-049-01	02/24/2010 17:39:00	Cyclopentane	287-92-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		64.1		70.1	0.18377955	0.143353783
CSS-IA-049-01	02/24/2010 17:39:00	Isobutene	115-11-7	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		55.8		56.11	0.128054724	0.114744376
CSS-IA-049-01	02/24/2010 17:39:00	Isoprene	78-79-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	68.12	0.139304703	0.139304703
CSS-IA-049-01	02/24/2010 17:39:00	Methacrolein	78-85-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		61.1		70.09	0.175153333	0.143333333
CSS-IA-049-01	02/24/2010 17:39:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-049-01	02/24/2010 17:39:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	167.85	0.343251534	0.343251534
CSS-IA-049-01	02/24/2010 17:39:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		92.2		187.38	0.706602699	0.383190184
CSS-IA-049-01	02/24/2010 17:39:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	133.41	0.272822086	0.272822086
CSS-IA-049-01	02/24/2010 17:39:00	1,1-Dichloroethane	75-34-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-049-01	02/24/2010 17:39:00	1,1-Dichloroethene	75-35-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	96.94	0.198241309	0.198241309
CSS-IA-049-01	02/24/2010 17:39:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-049-01	02/24/2010 17:39:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-049-01	02/24/2010 17:39:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		73.6	J	120.2	0.361829039	0.245807771
CSS-IA-049-01	02/24/2010 17:39:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	187.86	0.384171779	0.384171779
CSS-IA-049-01	02/24/2010 17:39:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	147	0.300613497	0.300613497
CSS-IA-049-01	02/24/2010 17:39:00	1,2-Dichloroethane	107-06-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	98.96	0.202372188	0.202372188
CSS-IA-049-01	02/24/2010 17:39:00	1,2-Dichloropropane	78-87-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	112.99	0.231063395	0.231063395
CSS-IA-049-01	02/24/2010 17:39:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	120.2	0.245807771	0.245807771
CSS-IA-049-01	02/24/2010 17:39:00	1,3-Butadiene	106-99-0	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	54.09	0.110613497	0.110613497
CSS-IA-049-01	02/24/2010 17:39:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	147	0.300613497	0.300613497
CSS-IA-049-01	02/24/2010 17:39:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		267	J	147	1.605276074	0.300613497
CSS-IA-049-01	02/24/2010 17:39:00	1,4-Dioxane	123-91-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-049-01	02/24/2010 17:39:00	1-Butanol	71-36-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		74.3	J	74.12	0.225239918	0.151574642
CSS-IA-049-01	02/24/2010 17:39:00	2-Hexanone	591-78-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-049-01	02/24/2010 17:39:00	3-Hexanone	589-38-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-049-01	02/24/2010 17:39:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50.5	J	100.16	0.206874438	0.204826176
CSS-IA-049-01	02/24/2010 17:39:00	Acetone	67-64-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		1800	J	58.08	4.275828221	0.118773006
CSS-IA-049-01	02/24/2010 17:39:00	Acetonitrile	75-05-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-049-01	02/24/2010 17:39:00	Acrolein	107-02-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		82.2	J	56.06	0.188471656	0.114642127
CSS-IA-049-01	02/24/2010 17:39:00	Benzene	71-43-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		189		78.11	0.603795092	0.159734151
CSS-IA-049-01	02/24/2010 17:39:00	Benzyl chloride	100-44-7	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	126.59	0.258875256	0.258875256
CSS-IA-049-01	02/24/2010 17:39:00	Bromodichloromethane	75-27-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		161		163.83	1.078798773	0.335030675
CSS-IA-049-01	02/24/2010 17:39:00	Bromoform	75-25-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	252.73	0.516830266	0.516830266
CSS-IA-049-01	02/24/2010 17:39:00	Bromomethane	74-83-9	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	94.94	0.194151329	0.194151329
CSS-IA-049-01	02/24/2010 17:39:00	Carbon disulfide	75-15-0	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		51.1	J	76.13	0.159110143	0.155685072
CSS-IA-049-01	02/24/2010 17:39:00	Carbon tetrachloride	56-23-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		98.1	J	153.82	0.617167362	0.314560327
CSS-IA-049-01	02/24/2010 17:39:00	Chlorobenzene	108-90-7	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	112.56	0.230184049	0.230184049
CSS-IA-049-01	02/24/2010 17:39:00	Chlorodifluoromethane	75-45-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		227		86.47	0.802809407	0.176830266
CSS-IA-049-01	02/24/2010 17:39:00	Chloroethane	75-00-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	64.52	0.13194274	0.13194274
CSS-IA-049-01	02/24/2010 17:39:00	Chloroform	67-66-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		864		119.38	4.218581595	0.244130879

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-049-01	02/24/2010 17:39:00	Chloromethane	74-87-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		404		50.49	0.834272393	0.103251534
CSS-IA-049-01	02/24/2010 17:39:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		1100		96.94	4.361308793	0.198241309
CSS-IA-049-01	02/24/2010 17:39:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-049-01	02/24/2010 17:39:00	Cyclohexane	110-82-7	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		79	J	84.16	0.271928016	0.172106339
CSS-IA-049-01	02/24/2010 17:39:00	Dichlorodifluoromethane	75-71-8	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		485		120.91	2.398419223	0.247259714
CSS-IA-049-01	02/24/2010 17:39:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	120.91	0.247259714	0.247259714
CSS-IA-049-01	02/24/2010 17:39:00	Ethylbenzene	100-41-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		55.6		106.17	0.24143362	0.217116564
CSS-IA-049-01	02/24/2010 17:39:00	m,p-Xylene	100-01-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		200	U	138.13	1.129897751	1.129897751
CSS-IA-049-01	02/24/2010 17:39:00	Methyl ethyl ketone	78-93-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		208	J	72.11	0.613451125	0.147464213
CSS-IA-049-01	02/24/2010 17:39:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-049-01	02/24/2010 17:39:00	Methyl vinyl ketone	78-94-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-049-01	02/24/2010 17:39:00	Methylene chloride	75-09-2	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		76.9		84.93	0.26712135	0.173680982
CSS-IA-049-01	02/24/2010 17:39:00	n-Hexane	110-54-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		79.5		86.18	0.280217178	0.176237219
CSS-IA-049-01	02/24/2010 17:39:00	o-Xylene	95-47-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		55.5		106.17	0.240999387	0.217116564
CSS-IA-049-01	02/24/2010 17:39:00	Pentane	109-66-0	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		201		72.15	0.593134969	0.147546012
CSS-IA-049-01	02/24/2010 17:39:00	Propanal	123-38-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		339	J	58.08	0.805280982	0.118773006
CSS-IA-049-01	02/24/2010 17:39:00	Propene	115-07-1	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		120		42.08	0.206527607	0.08605317
CSS-IA-049-01	02/24/2010 17:39:00	Styrene	100-42-5	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-049-01	02/24/2010 17:39:00	Tetrachloroethene	127-18-4	10	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		10100		165.83	68.50237219	3.391206544
CSS-IA-049-01	02/24/2010 17:39:00	Toluene	108-88-3	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		164		92.14	0.618035174	0.188425358
CSS-IA-049-01	02/24/2010 17:39:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	110.97	0.226932515	0.226932515
CSS-IA-049-01	02/24/2010 17:39:00	Trichloroethene	79-01-6	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		1110		131.39	5.964944785	0.268691207
CSS-IA-049-01	02/24/2010 17:39:00	Trichlorofluoromethane	75-69-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		570		137.37	3.202490798	0.280920245
CSS-IA-049-01	02/24/2010 17:39:00	Vinyl chloride	75-01-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		74.9		62.5	0.191462168	0.127811861
CSS-IA-049-01	02/24/2010 17:39:00	Methyl iodide	74-88-4	1	10CC06-34	709 S. Leeds	Crawl Space	Crawl Space		50	U	141.94	0.290265849	0.290265849
CSS-IA-050-01	02/24/2010 17:38:00	1-Propanol	71-23-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-050-01	02/24/2010 17:38:00	2-Pentanone	107-87-9	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-050-01	02/24/2010 17:38:00	3-Pentanone	96-22-0	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-050-01	02/24/2010 17:38:00	Cyclopentane	287-92-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		83.7		70.1	0.239974233	0.143353783
CSS-IA-050-01	02/24/2010 17:38:00	Isobutene	115-11-7	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		324		56.11	0.743543558	0.114744376
CSS-IA-050-01	02/24/2010 17:38:00	Isoprene	78-79-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		1430		68.12	3.984114519	0.139304703
CSS-IA-050-01	02/24/2010 17:38:00	Methacrolein	78-85-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		222		70.09	0.6364	0.143333333
CSS-IA-050-01	02/24/2010 17:38:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-050-01	02/24/2010 17:38:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	167.85	0.343251534	0.343251534
CSS-IA-050-01	02/24/2010 17:38:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		85.4		187.38	0.654488834	0.383190184
CSS-IA-050-01	02/24/2010 17:38:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	133.41	0.272822086	0.272822086
CSS-IA-050-01	02/24/2010 17:38:00	1,1-Dichloroethane	75-34-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	98.96	0.202372188	0.202372188
CSS-IA-050-01	02/24/2010 17:38:00	1,1-Dichloroethene	75-35-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	96.94	0.198241309	0.198241309
CSS-IA-050-01	02/24/2010 17:38:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		53.9	J	120.2	0.264980777	0.245807771
CSS-IA-050-01	02/24/2010 17:38:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-050-01	02/24/2010 17:38:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		96.5	J	120.2	0.474408998	0.245807771
CSS-IA-050-01	02/24/2010 17:38:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	187.86	0.384171779	0.384171779
CSS-IA-050-01	02/24/2010 17:38:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-050-01	02/24/2010 17:38:00	1,2-Dichloroethane	107-06-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		254		98.96	1.028050716	0.202372188
CSS-IA-050-01	02/24/2010 17:38:00	1,2-Dichloropropane	78-87-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	112.99	0.231063395	0.231063395
CSS-IA-050-01	02/24/2010 17:38:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		63.5		120.2	0.312175869	0.245807771
CSS-IA-050-01	02/24/2010 17:38:00	1,3-Butadiene	106-99-0	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		95.1		54.09	0.210386871	0.110613497
CSS-IA-050-01	02/24/2010 17:38:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	147	0.300613497	0.300613497
CSS-IA-050-01	02/24/2010 17:38:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		69.8	J	147	0.419656442	0.300613497
CSS-IA-050-01	02/24/2010 17:38:00	1,4-Dioxane	123-91-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-050-01	02/24/2010 17:38:00	1-Butanol	71-36-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		64.8	J	74.12	0.196440736	0.151574642
CSS-IA-050-01	02/24/2010 17:38:00	2-Hexanone	591-78-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-050-01	02/24/2010 17:38:00	3-Hexanone	589-38-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-050-01	02/24/2010 17:38:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		62.2	J	100.16	0.254803763	0.204826176
CSS-IA-050-01	02/24/2010 17:38:00	Acetone	67-64-1	10	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		7050	J	58.08	16.74699387	1.187730061
CSS-IA-050-01	02/24/2010 17:38:00	Acetonitrile	75-05-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		748	J	41.05	1.255844581	0.335787321

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-050-01	02/24/2010 17:38:00	Acrolein	107-02-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		451	J	56.06	1.034071984	0.114642127
CSS-IA-050-01	02/24/2010 17:38:00	Benzene	71-43-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		364		78.11	1.162864622	0.159734151
CSS-IA-050-01	02/24/2010 17:38:00	Benzyl chloride	100-44-7	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	126.59	0.258875256	0.258875256
CSS-IA-050-01	02/24/2010 17:38:00	Bromodichloromethane	75-27-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		142		163.83	0.951487117	0.335030675
CSS-IA-050-01	02/24/2010 17:38:00	Bromoform	75-25-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	252.73	0.516830266	0.516830266
CSS-IA-050-01	02/24/2010 17:38:00	Bromomethane	74-83-9	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	94.94	0.194151329	0.194151329
CSS-IA-050-01	02/24/2010 17:38:00	Carbon disulfide	75-15-0	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	76.13	0.155685072	0.155685072
CSS-IA-050-01	02/24/2010 17:38:00	Carbon tetrachloride	56-23-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		77.4	J	153.82	0.486939387	0.314560327
CSS-IA-050-01	02/24/2010 17:38:00	Chlorobenzene	108-90-7	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	112.56	0.230184049	0.230184049
CSS-IA-050-01	02/24/2010 17:38:00	Chlorodifluoromethane	75-45-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		206		86.47	0.728540695	0.176830266
CSS-IA-050-01	02/24/2010 17:38:00	Chloroethane	75-00-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	64.52	0.13194274	0.13194274
CSS-IA-050-01	02/24/2010 17:38:00	Chloroform	67-66-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		638		119.38	3.11511002	0.244130879
CSS-IA-050-01	02/24/2010 17:38:00	Chloromethane	74-87-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		576		50.49	1.189457669	0.103251534
CSS-IA-050-01	02/24/2010 17:38:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		222		96.94	0.880191411	0.198241309
CSS-IA-050-01	02/24/2010 17:38:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-050-01	02/24/2010 17:38:00	Cyclohexane	110-82-7	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		69.4	J	84.16	0.238883599	0.172106339
CSS-IA-050-01	02/24/2010 17:38:00	Dichlorodifluoromethane	75-71-8	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		456		120.91	2.255008589	0.247259714
CSS-IA-050-01	02/24/2010 17:38:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	120.91	0.247259714	0.247259714
CSS-IA-050-01	02/24/2010 17:38:00	Ethylbenzene	100-41-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		122		106.17	0.529764417	0.217116564
CSS-IA-050-01	02/24/2010 17:38:00	m,p-Xylene	100-01-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		259		138.13	1.463217587	1.129897751
CSS-IA-050-01	02/24/2010 17:38:00	Methyl ethyl ketone	78-93-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		620	J	72.11	1.828556237	0.147464213
CSS-IA-050-01	02/24/2010 17:38:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-050-01	02/24/2010 17:38:00	Methyl vinyl ketone	78-94-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		353	J	72.11	1.041097342	0.147464213
CSS-IA-050-01	02/24/2010 17:38:00	Methylene chloride	75-09-2	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		75.9		84.93	0.26364773	0.173680982
CSS-IA-050-01	02/24/2010 17:38:00	n-Hexane	110-54-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		127		86.18	0.447642536	0.176237219
CSS-IA-050-01	02/24/2010 17:38:00	o-Xylene	95-47-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		104		106.17	0.451602454	0.217116564
CSS-IA-050-01	02/24/2010 17:38:00	Pentane	109-66-0	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		453		72.15	1.336766871	0.147546012
CSS-IA-050-01	02/24/2010 17:38:00	Propanal	123-38-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		924	J	58.08	2.194925153	0.118773006
CSS-IA-050-01	02/24/2010 17:38:00	Propene	115-07-1	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		986		42.08	1.696968507	0.08605317
CSS-IA-050-01	02/24/2010 17:38:00	Styrene	100-42-5	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		132	J	104.15	0.562282209	0.212985685
CSS-IA-050-01	02/24/2010 17:38:00	Tetrachloroethene	127-18-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		3090		165.83	20.95765644	0.339120654
CSS-IA-050-01	02/24/2010 17:38:00	Toluene	108-88-3	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		440		92.14	1.658143149	0.188425358
CSS-IA-050-01	02/24/2010 17:38:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	110.97	0.226932515	0.226932515
CSS-IA-050-01	02/24/2010 17:38:00	Trichloroethene	79-01-6	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		178		131.39	0.956540695	0.268691207
CSS-IA-050-01	02/24/2010 17:38:00	Trichlorofluoromethane	75-69-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		342		137.37	1.921494479	0.280920245
CSS-IA-050-01	02/24/2010 17:38:00	Vinyl chloride	75-01-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	62.5	0.127811861	0.127811861
CSS-IA-050-01	02/24/2010 17:38:00	Methyl iodide	74-88-4	1	10CC06-35	709 S. Leeds	Living Quarters	Indoor Air		50	U	141.94	0.290265849	0.290265849
CSS-IA-051-01	02/24/2010 17:46:00	1-Propanol	71-23-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-051-01	02/24/2010 17:46:00	2-Pentanone	107-87-9	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-051-01	02/24/2010 17:46:00	3-Pentanone	96-22-0	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-051-01	02/24/2010 17:46:00	Cyclopentane	287-92-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		72.4		70.1	0.207576278	0.143353783
CSS-IA-051-01	02/24/2010 17:46:00	Isobutene	115-11-7	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	56.11	0.114744376	0.114744376
CSS-IA-051-01	02/24/2010 17:46:00	Isoprene	78-79-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	68.12	0.139304703	0.139304703
CSS-IA-051-01	02/24/2010 17:46:00	Methacrolein	78-85-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		64.8		70.09	0.18576	0.143333333
CSS-IA-051-01	02/24/2010 17:46:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-051-01	02/24/2010 17:46:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	167.85	0.343251534	0.343251534
CSS-IA-051-01	02/24/2010 17:46:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		99.8		187.38	0.764847607	0.383190184
CSS-IA-051-01	02/24/2010 17:46:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-051-01	02/24/2010 17:46:00	1,1-Dichloroethane	75-34-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-051-01	02/24/2010 17:46:00	1,1-Dichloroethene	75-35-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-051-01	02/24/2010 17:46:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-051-01	02/24/2010 17:46:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-051-01	02/24/2010 17:46:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		54.1	J	120.2	0.265964008	0.245807771
CSS-IA-051-01	02/24/2010 17:46:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	187.86	0.384171779	0.384171779
CSS-IA-051-01	02/24/2010 17:46:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-051-01	02/24/2010 17:46:00	1,2-Dichloroethane	107-06-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-051-01	02/24/2010 17:46:00	1,2-Dichloropropane	78-87-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	112.99	0.231063395	0.231063395
CSS-IA-051-01	02/24/2010 17:46:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	120.2	0.245807771	0.245807771
CSS-IA-051-01	02/24/2010 17:46:00	1,3-Butadiene	106-99-0	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	54.09	0.110613497	0.110613497
CSS-IA-051-01	02/24/2010 17:46:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-051-01	02/24/2010 17:46:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-051-01	02/24/2010 17:46:00	1,4-Dioxane	123-91-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-051-01	02/24/2010 17:46:00	1-Butanol	71-36-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-051-01	02/24/2010 17:46:00	2-Hexanone	591-78-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-051-01	02/24/2010 17:46:00	3-Hexanone	589-38-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-051-01	02/24/2010 17:46:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		52.7	J	100.16	0.215886789	0.204826176
CSS-IA-051-01	02/24/2010 17:46:00	Acetone	67-64-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		3010	J	58.08	7.150134969	0.118773006
CSS-IA-051-01	02/24/2010 17:46:00	Acetonitrile	75-05-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-051-01	02/24/2010 17:46:00	Acrolein	107-02-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		107	J	56.06	0.245334151	0.114642127
CSS-IA-051-01	02/24/2010 17:46:00	Benzene	71-43-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		222		78.11	0.709219632	0.159734151
CSS-IA-051-01	02/24/2010 17:46:00	Benzyl chloride	100-44-7	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	126.59	0.258875256	0.258875256
CSS-IA-051-01	02/24/2010 17:46:00	Bromodichloromethane	75-27-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	163.83	0.335030675	0.335030675
CSS-IA-051-01	02/24/2010 17:46:00	Bromoform	75-25-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	252.73	0.516830266	0.516830266
CSS-IA-051-01	02/24/2010 17:46:00	Bromomethane	74-83-9	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	94.94	0.194151329	0.194151329
CSS-IA-051-01	02/24/2010 17:46:00	Carbon disulfide	75-15-0	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		59.3	J	76.13	0.184642495	0.155685072
CSS-IA-051-01	02/24/2010 17:46:00	Carbon tetrachloride	56-23-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		94.1	J	153.82	0.592002536	0.314560327
CSS-IA-051-01	02/24/2010 17:46:00	Chlorobenzene	108-90-7	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	112.56	0.230184049	0.230184049
CSS-IA-051-01	02/24/2010 17:46:00	Chlorodifluoromethane	75-45-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		253		86.47	0.894761145	0.176830266
CSS-IA-051-01	02/24/2010 17:46:00	Chloroethane	75-00-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	64.52	0.13194274	0.13194274
CSS-IA-051-01	02/24/2010 17:46:00	Chloroform	67-66-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	119.38	0.244130879	0.244130879
CSS-IA-051-01	02/24/2010 17:46:00	Chloromethane	74-87-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		590		50.49	1.218368098	0.103251534
CSS-IA-051-01	02/24/2010 17:46:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-051-01	02/24/2010 17:46:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-051-01	02/24/2010 17:46:00	Cyclohexane	110-82-7	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-051-01	02/24/2010 17:46:00	Dichlorodifluoromethane	75-71-8	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		556		120.91	2.749528016	0.247259714
CSS-IA-051-01	02/24/2010 17:46:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	120.91	0.247259714	0.247259714
CSS-IA-051-01	02/24/2010 17:46:00	Ethylbenzene	100-41-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		59.4		106.17	0.257934479	0.217116564
CSS-IA-051-01	02/24/2010 17:46:00	m,p-Xylene	100-01-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		200	U	138.13	1.129897751	1.129897751
CSS-IA-051-01	02/24/2010 17:46:00	Methyl ethyl ketone	78-93-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		379	J	72.11	1.117778732	0.147464213
CSS-IA-051-01	02/24/2010 17:46:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-051-01	02/24/2010 17:46:00	Methyl vinyl ketone	78-94-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-051-01	02/24/2010 17:46:00	Methylene chloride	75-09-2	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		64.9		84.93	0.225437914	0.173680982
CSS-IA-051-01	02/24/2010 17:46:00	n-Hexane	110-54-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		122		86.18	0.430018814	0.176237219
CSS-IA-051-01	02/24/2010 17:46:00	o-Xylene	95-47-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		59.4		106.17	0.257934479	0.217116564
CSS-IA-051-01	02/24/2010 17:46:00	Pentane	109-66-0	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		320		72.15	0.944294479	0.147546012
CSS-IA-051-01	02/24/2010 17:46:00	Propanal	123-38-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		499	J	58.08	1.185354601	0.118773006
CSS-IA-051-01	02/24/2010 17:46:00	Propene	115-07-1	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		465		42.08	0.800294479	0.08605317
CSS-IA-051-01	02/24/2010 17:46:00	Styrene	100-42-5	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-051-01	02/24/2010 17:46:00	Tetrachloroethene	127-18-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	165.83	0.339120654	0.339120654
CSS-IA-051-01	02/24/2010 17:46:00	Toluene	108-88-3	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		179		92.14	0.674562781	0.188425358
CSS-IA-051-01	02/24/2010 17:46:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-051-01	02/24/2010 17:46:00	Trichloroethene	79-01-6	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	131.39	0.268691207	0.268691207
CSS-IA-051-01	02/24/2010 17:46:00	Trichlorofluoromethane	75-69-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		262		137.37	1.472022086	0.280920245
CSS-IA-051-01	02/24/2010 17:46:00	Vinyl chloride	75-01-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	62.5	0.127811861	0.127811861
CSS-IA-051-01	02/24/2010 17:46:00	Methyl iodide	74-88-4	1	10CC06-36	Outside 1021 Park	Ambient	Ambient		50	U	141.94	0.290265849	0.290265849
CSS-IA-052-01	02/24/2010 17:46:00	1-Propanol	71-23-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		210	UJ	60.1	0.516196319	0.516196319
CSS-IA-052-01	02/24/2010 17:46:00	2-Pentanone	107-87-9	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-052-01	02/24/2010 17:46:00	3-Pentanone	96-22-0	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	86.13	0.176134969	0.176134969
CSS-IA-052-01	02/24/2010 17:46:00	Cyclopentane	287-92-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	70.1	0.143353783	0.143353783
CSS-IA-052-01	02/24/2010 17:46:00	Isobutene	115-11-7	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	56.11	0.114744376	0.114744376
CSS-IA-052-01	02/24/2010 17:46:00	Isoprene	78-79-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	68.12	0.139304703	0.139304703
CSS-IA-052-01	02/24/2010 17:46:00	Methacrolein	78-85-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		67		70.09	0.192066667	0.143333333

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-052-01	02/24/2010 17:46:00	1,1,1-Trichloroethane	71-55-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-052-01	02/24/2010 17:46:00	1,1,2,2-Tetrachloroethane	79-34-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	167.85	0.343251534	0.343251534
CSS-IA-052-01	02/24/2010 17:46:00	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		95.3		187.38	0.730360491	0.383190184
CSS-IA-052-01	02/24/2010 17:46:00	1,1,2-Trichloroethane	79-00-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	133.41	0.272822086	0.272822086
CSS-IA-052-01	02/24/2010 17:46:00	1,1-Dichloroethane	75-34-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-052-01	02/24/2010 17:46:00	1,1-Dichloroethene	75-35-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-052-01	02/24/2010 17:46:00	1,2,3-Trimethylbenzene	526-73-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	120.2	0.245807771	0.245807771
CSS-IA-052-01	02/24/2010 17:46:00	1,2,4-Trichlorobenzene	120-82-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		520	UJ	181.45	3.859059305	3.859059305
CSS-IA-052-01	02/24/2010 17:46:00	1,2,4-Trimethylbenzene	95-63-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		65.7	J	120.2	0.322991411	0.245807771
CSS-IA-052-01	02/24/2010 17:46:00	1,2-Dibromoethane (EDB)	106-93-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	187.86	0.384171779	0.384171779
CSS-IA-052-01	02/24/2010 17:46:00	1,2-Dichlorobenzene	95-50-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-052-01	02/24/2010 17:46:00	1,2-Dichloroethane	107-06-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	98.96	0.202372188	0.202372188
CSS-IA-052-01	02/24/2010 17:46:00	1,2-Dichloropropane	78-87-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	112.99	0.231063395	0.231063395
CSS-IA-052-01	02/24/2010 17:46:00	1,3,5-Trimethylbenzene	108-67-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		76.1		120.2	0.374119427	0.245807771
CSS-IA-052-01	02/24/2010 17:46:00	1,3-Butadiene	106-99-0	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	54.09	0.110613497	0.110613497
CSS-IA-052-01	02/24/2010 17:46:00	1,3-Dichlorobenzene	541-73-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-052-01	02/24/2010 17:46:00	1,4-Dichlorobenzene	106-46-7	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	147	0.300613497	0.300613497
CSS-IA-052-01	02/24/2010 17:46:00	1,4-Dioxane	123-91-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	88.11	0.180184049	0.180184049
CSS-IA-052-01	02/24/2010 17:46:00	1-Butanol	71-36-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	74.12	0.151574642	0.151574642
CSS-IA-052-01	02/24/2010 17:46:00	2-Hexanone	591-78-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-052-01	02/24/2010 17:46:00	3-Hexanone	589-38-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	100.16	0.204826176	0.204826176
CSS-IA-052-01	02/24/2010 17:46:00	4-Methyl-2-pentanone	108-10-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		58.6	J	100.16	0.240056278	0.204826176
CSS-IA-052-01	02/24/2010 17:46:00	Acetone	67-64-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		2800	J	58.08	6.651288344	0.118773006
CSS-IA-052-01	02/24/2010 17:46:00	Acetonitrile	75-05-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		200	UJ	41.05	0.335787321	0.335787321
CSS-IA-052-01	02/24/2010 17:46:00	Acrolein	107-02-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		73.3	J	56.06	0.168065358	0.114642127
CSS-IA-052-01	02/24/2010 17:46:00	Benzene	71-43-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		217		78.11	0.693246217	0.159734151
CSS-IA-052-01	02/24/2010 17:46:00	Benzyl chloride	100-44-7	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	126.59	0.258875256	0.258875256
CSS-IA-052-01	02/24/2010 17:46:00	Bromodichloromethane	75-27-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	163.83	0.335030675	0.335030675
CSS-IA-052-01	02/24/2010 17:46:00	Bromoform	75-25-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	252.73	0.516830266	0.516830266
CSS-IA-052-01	02/24/2010 17:46:00	Bromomethane	74-83-9	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	94.94	0.194151329	0.194151329
CSS-IA-052-01	02/24/2010 17:46:00	Carbon disulfide	75-15-0	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		55.6	J	76.13	0.1731218	0.155685072
CSS-IA-052-01	02/24/2010 17:46:00	Carbon tetrachloride	56-23-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		83.7	J	153.82	0.526573988	0.314560327
CSS-IA-052-01	02/24/2010 17:46:00	Chlorobenzene	108-90-7	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	112.56	0.230184049	0.230184049
CSS-IA-052-01	02/24/2010 17:46:00	Chlorodifluoromethane	75-45-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		241		86.47	0.852321881	0.176830266
CSS-IA-052-01	02/24/2010 17:46:00	Chloroethane	75-00-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	64.52	0.13194274	0.13194274
CSS-IA-052-01	02/24/2010 17:46:00	Chloroform	67-66-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	119.38	0.244130879	0.244130879
CSS-IA-052-01	02/24/2010 17:46:00	Chloromethane	74-87-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		569		50.49	1.175002454	0.103251534
CSS-IA-052-01	02/24/2010 17:46:00	cis-1,2-Dichloroethene	156-59-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	96.94	0.198241309	0.198241309
CSS-IA-052-01	02/24/2010 17:46:00	cis-1,3-Dichloropropene	10061-01-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-052-01	02/24/2010 17:46:00	Cyclohexane	110-82-7	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	84.16	0.172106339	0.172106339
CSS-IA-052-01	02/24/2010 17:46:00	Dichlorodifluoromethane	75-71-8	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		517		120.91	2.55666544	0.247259714
CSS-IA-052-01	02/24/2010 17:46:00	Dichlorotetrafluoroethane	76-14-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	120.91	0.247259714	0.247259714
CSS-IA-052-01	02/24/2010 17:46:00	Ethylbenzene	100-41-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		56.2		106.17	0.244039018	0.217116564
CSS-IA-052-01	02/24/2010 17:46:00	m,p-Xylene	100-01-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		200	U	138.13	1.129897751	1.129897751
CSS-IA-052-01	02/24/2010 17:46:00	Methyl ethyl ketone	78-93-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		298	J	72.11	0.878886708	0.147464213
CSS-IA-052-01	02/24/2010 17:46:00	Methyl iodide	74-88-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	141.94	0.290265849	0.290265849
CSS-IA-052-01	02/24/2010 17:46:00	Methyl tert-butyl ether	1634-04-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	88.15	0.180265849	0.180265849
CSS-IA-052-01	02/24/2010 17:46:00	Methyl vinyl ketone	78-94-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	72.11	0.147464213	0.147464213
CSS-IA-052-01	02/24/2010 17:46:00	Methylene chloride	75-09-2	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		60.5		84.93	0.210153988	0.173680982
CSS-IA-052-01	02/24/2010 17:46:00	n-Hexane	110-54-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		92.8		86.18	0.327096278	0.176237219
CSS-IA-052-01	02/24/2010 17:46:00	o-Xylene	95-47-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		57.3		106.17	0.248815583	0.217116564
CSS-IA-052-01	02/24/2010 17:46:00	Pentane	109-66-0	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		203		72.15	0.59903681	0.147546012
CSS-IA-052-01	02/24/2010 17:46:00	Propanal	123-38-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		424	J	58.08	1.007195092	0.118773006
CSS-IA-052-01	02/24/2010 17:46:00	Propene	115-07-1	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		182		42.08	0.313233538	0.08605317
CSS-IA-052-01	02/24/2010 17:46:00	Styrene	100-42-5	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	UJ	104.15	0.212985685	0.212985685
CSS-IA-052-01	02/24/2010 17:46:00	Tetrachloroethene	127-18-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	165.83	0.339120654	0.339120654

Attachment 2, Part 1

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	SAMPDATE	ANALYTE	CASNUMBER	DILUTION	sComment	Address	Location	Sample Type	Field Duplicates	Report Result	Qualifer	Molecular Weight (g/mol)	Result [µg/m3]	Reporting Limit [µg/m3]
CSS-IA-052-01	02/24/2010 17:46:00	Toluene	108-88-3	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		168		92.14	0.633109202	0.188425358
CSS-IA-052-01	02/24/2010 17:46:00	trans-1,3-Dichloropropene	10061-02-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	110.97	0.226932515	0.226932515
CSS-IA-052-01	02/24/2010 17:46:00	Trichloroethene	79-01-6	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	131.39	0.268691207	0.268691207
CSS-IA-052-01	02/24/2010 17:46:00	Trichlorofluoromethane	75-69-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		246		137.37	1.382127607	0.280920245
CSS-IA-052-01	02/24/2010 17:46:00	Vinyl chloride	75-01-4	1	10CC06-37	Outside 1021 Park	Ambient	Ambient		50	U	62.5	0.127811861	0.127811861

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.66433E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.212597642	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000298724	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Acetone	33.25644172	1407.857143	IDEM SL	0.023622029	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.018406972	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	107.7450478	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-016-01	731 S. Brandon	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.336151988	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.569943095	0			0			0	1.095	nc	0	1.095		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.17804E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.980278451	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.037271132	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000368898	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.037951543	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.049537387	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.2382532	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001494843	0			0			0	2190	nc	0	2190		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.00015454	0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.037592749	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.004625115	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.009667858	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.003624781	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Propanal	0.950184049	3.575510204	IDEM SL	0.697588033	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.00044284	0			0			0	1340.816327	nc	0	1340.816327		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001624473	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.001411039	0			0			0	2190	nc	0	2190		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.006500931	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-016-01	731 S. Brandon	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-016-01	731 S. Brandon	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1-Propanol	1.229038855		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0	985.5	nc	0			0			0	985.5		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1	0.334862385	c	1			0			0	0.334862385		1
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.50403E-05	0	13408.16327	nc	0			0			0	13408.16327		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0	1.19593709	c	0			0			0	1.19593709		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0	219	nc	0			0			0	219		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0	1.564285714	nc	0			0			0	1.564285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.12423097	0	2.659285714	nc	0			0			0	2.659285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1	0.031891656	c	1			0			0	0.031891656		1
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0	0.735961286	c	0			0			0	0.735961286		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0	0.984889369	c	0			0			0	0.984889369		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.229235719	0	2.659285714	nc	0			0			0	2.659285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0	0.637833115	c	0			0			0	0.637833115		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	46.92857143	nc	0			0			0	46.92857143		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	3.044203503	c	0			0			0	3.044203503		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0	2.485064084	c	0			0			0	2.485064084		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0	4.067142857	nc	0			0			0	4.067142857		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0	13.40816327	nc	0			0			0	13.40816327		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000350186	0	1345.285714	nc	0			0			0	1345.285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Acetone	3.325644172	1407.857143	IDEM SL	0.007002244	0	1407.857143	nc	0			0			0	1407.857143		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.007763485	0	26.81632653	nc	0			0			0	26.81632653		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Acrolein	0.687852761	0.008916429	IDEM SL	77.14442562	1	0.008916429	nc	1			0			0	0.008916429		1
CSS-IA-017-01	731 S. Brandon	Crawl Space	Benzene	0.159734151	2.480462113	IDEM SL	0.218949571	0	2.480462113	c	0			0			0	2.480462113		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0	0.39051007	c	0			0			0	0.39051007		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0	1.080201243	c	0			0			0	1.080201243		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0	17.17243002	c	0			0			0	17.17243002		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0	2.19	nc	0			0			0	2.19		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.395857654	0	1.095	nc	0			0			0	1.095		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0	26.59285714	nc	0			0			0	26.59285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.22848E-05	0	22346.93878	nc	0			0			0	22346.93878		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0	23.09395761	c	0			0			0	23.09395761		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Chloroform	0.244130879	0.826820704	IDEM SL	0.498997163	0	0.826820704	c	0			0			0	0.826820704		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Chloromethane	0.103251534	40.2244898	IDEM SL	0.019919007	0	40.2244898	nc	0			0			0	40.2244898		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0	15.64285714	nc	0			0			0	15.64285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0	2659.285714	nc	0			0			0	2659.285714		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.027108245	0	89.3877551	nc	0			0			0	89.3877551		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Ethylbenzene	0.217116564	9.73	RSL	0.027981929	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000297622	0	2190	nc	0			0			0	2190		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0	73.59612864	c	0			0			0	73.59612864		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0	41.85779817	c	0			0			0	41.85779817		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003296877	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005532695	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Pentane	0.147546012	446.9387755	IDEM SL	0.001855307	0	446.9387755	nc	0			0			0	446.9387755		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Propanal	0.950184049	3.575510204	IDEM SL	0.265747822	0	3.575510204	nc	0			0			0	3.575510204		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Propene	0.08605317	1340.816327	IDEM SL	0.000413317	0	1340.816327	nc	0			0			0	1340.816327		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Styrene	0.212985685	453.6428571	IDEM SL	0.000629131	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0	3.189165574	c	0			0			0	3.189165574		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Toluene	0.188425358	2190	IDEM SL	0.000616039	0	2190	nc	0			0			0	2190		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0	1.240231057	c	0			0			0	1.240231057		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004130426	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0	2.160402486	c	0			0			0	2.160402486		0
CSS-IA-017-01	731 S. Brandon	Crawl Space	2-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	3-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Cyclopentane	0.143353783		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Isobutene	0.114744376		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Isoprene	0.139304703		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methacrolein	0.143333333		NT		0	NA	nc	0			0			0			0
CSS-IA-017-01	731 S. Brandon	Crawl Space	Methyl iodide	0.290265849		NT		0	NA	nc	0			0			0			0
CSS-IA-018-01	720 Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-018-01	720 Brandon	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.54404E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.077446284	0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.354945629	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-018-01	720 Brandon	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.127003983	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	6.000357938	1			0			0	0.637833115	c	1	0.637833115		1
CSS-IA-018-01	720 Brandon	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-018-01	720 Brandon	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-018-01	720 Brandon	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.094660946	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-018-01	720 Brandon	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-018-01	720 Brandon	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000152255	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	Acetone	66.51288344	1407.857143	IDEM SL	0.047244057	0			0			0	1407.857143	nc	0	1407.857143		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Acetonitrile	1.678936605	26.81632653	IDEM SL	0.269217612	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-018-01	720 Brandon	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	642.8702135	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-018-01	720 Brandon	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	1.893269816	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-018-01	720 Brandon	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-018-01	720 Brandon	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.562118336	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-018-01	720 Brandon	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-018-01	720 Brandon	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-018-01	720 Brandon	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-018-01	720 Brandon	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.419988309	0			0			0	1.095	nc	0	1.095		0
CSS-IA-018-01	720 Brandon	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.49753E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-018-01	720 Brandon	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-018-01	720 Brandon	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	1.32278538	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-018-01	720 Brandon	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.185842284	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-018-01	720 Brandon	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-018-01	720 Brandon	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000169564	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-018-01	720 Brandon	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.028214704	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-018-01	720 Brandon	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.136562526	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.893449499	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001764184	0			0			0	2190	nc	0	2190		0
CSS-IA-018-01	720 Brandon	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-018-01	720 Brandon	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.00041607	0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-018-01	720 Brandon	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.00877586	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.02249452	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.003842664	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-018-01	720 Brandon	Living Quarters	Propanal	0.950184049	3.575510204	IDEM SL	0.764024988	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-018-01	720 Brandon	Living Quarters	Propene	1.721063395	1340.816327	IDEM SL	0.012630562	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-018-01	720 Brandon	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.007136412	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-018-01	720 Brandon	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-018-01	720 Brandon	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.004594481	0			0			0	2190	nc	0	2190		0
CSS-IA-018-01	720 Brandon	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-018-01	720 Brandon	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-018-01	720 Brandon	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.005118136	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-018-01	720 Brandon	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-018-01	720 Brandon	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Isoprene	2.78609407		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-018-01	720 Brandon	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.39543E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.034413088	0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.18671619	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	2.67277329	1			0			0	0.735961286	c	1	0.735961286		1
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000350186	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Acetone	33.25644172	1407.857143	IDEM SL	0.023622029	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.017405232	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	121.1167482	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-019-01	734 S. Wabash	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.291074135	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.397581272	0			0			0	1.095	nc	0	1.095		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.08605E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.50844563	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.01986767	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	8.28403E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.025005973	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.030659626	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.002181662	0			0			0	2190	nc	0	2190		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	6.00046E-05	0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003194097	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.006891938	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.004496313	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Propanal	0.950184049	3.575510204	IDEM SL	0.337499734	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.00034272	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.000722092	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.442354556	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.002168182	0			0			0	2190	nc	0	2190		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003843092	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-019-01	734 S. Wabash	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-019-01	734 S. Wabash	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-020-01	734 S. Wabash	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-020-01	734 S. Wabash	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.2754E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-020-01	734 S. Wabash	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-020-01	734 S. Wabash	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-020-01	734 S. Wabash	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-020-01	734 S. Wabash	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-020-01	734 S. Wabash	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.097055445	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-020-01	734 S. Wabash	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-020-01	734 S. Wabash	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-020-01	734 S. Wabash	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.342620938	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-020-01	734 S. Wabash	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-020-01	734 S. Wabash	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-020-01	734 S. Wabash	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-020-01	734 S. Wabash	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-020-01	734 S. Wabash	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-020-01	734 S. Wabash	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-020-01	734 S. Wabash	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-020-01	734 S. Wabash	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-020-01	734 S. Wabash	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000165653	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-020-01	734 S. Wabash	Basement	Acetone	3.325644172	1407.857143	IDEM SL	0.00345894	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-020-01	734 S. Wabash	Basement	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.003130437	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-020-01	734 S. Wabash	Basement	Acrolein	0.687852761	0.008916429	IDEM SL	77.14442562	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-020-01	734 S. Wabash	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.203494307	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-020-01	734 S. Wabash	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-020-01	734 S. Wabash	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-020-01	734 S. Wabash	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-020-01	734 S. Wabash	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-020-01	734 S. Wabash	Basement	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-020-01	734 S. Wabash	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.287269705	0			0			0	1.095	nc	0	1.095		0
CSS-IA-020-01	734 S. Wabash	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-020-01	734 S. Wabash	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.1177E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-020-01	734 S. Wabash	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-020-01	734 S. Wabash	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-020-01	734 S. Wabash	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.018840917	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-020-01	734 S. Wabash	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-020-01	734 S. Wabash	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-020-01	734 S. Wabash	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-020-01	734 S. Wabash	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.025835817	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-020-01	734 S. Wabash	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.024500924	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-020-01	734 S. Wabash	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-020-01	734 S. Wabash	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000247794	0			0			0	2190	nc	0	2190		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-020-01	734 S. Wabash	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-020-01	734 S. Wabash	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.002122809	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-020-01	734 S. Wabash	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.004786068	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-020-01	734 S. Wabash	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.001221465	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-020-01	734 S. Wabash	Basement	Propanal	0.950184049	3.575510204	IDEM SL	0.265747822	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-020-01	734 S. Wabash	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.000250301	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-020-01	734 S. Wabash	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-020-01	734 S. Wabash	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-020-01	734 S. Wabash	Basement	Toluene	0.188425358	2190	IDEM SL	0.00044052	0			0			0	2190	nc	0	2190		0
CSS-IA-020-01	734 S. Wabash	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-020-01	734 S. Wabash	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-020-01	734 S. Wabash	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003807175	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-020-01	734 S. Wabash	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-020-01	734 S. Wabash	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-020-01	734 S. Wabash	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-021-01	734 S. Wabash	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-021-01	734 S. Wabash	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.37257E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-021-01	734 S. Wabash	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-021-01	734 S. Wabash	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-021-01	734 S. Wabash	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-021-01	734 S. Wabash	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-021-01	734 S. Wabash	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.107038291	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-021-01	734 S. Wabash	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-021-01	734 S. Wabash	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-021-01	734 S. Wabash	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.350320285	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-021-01	734 S. Wabash	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-021-01	734 S. Wabash	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-021-01	734 S. Wabash	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-021-01	734 S. Wabash	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-021-01	734 S. Wabash	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-021-01	734 S. Wabash	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-021-01	734 S. Wabash	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-021-01	734 S. Wabash	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-021-01	734 S. Wabash	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000307555	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-021-01	734 S. Wabash	Basement	Acetone	3.325644172	1407.857143	IDEM SL	0.002362203	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-021-01	734 S. Wabash	Basement	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.003130437	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-021-01	734 S. Wabash	Basement	Acrolein	0.687852761	0.008916429	IDEM SL	77.14442562	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-021-01	734 S. Wabash	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.202206368	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-021-01	734 S. Wabash	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-021-01	734 S. Wabash	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-021-01	734 S. Wabash	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-021-01	734 S. Wabash	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-021-01	734 S. Wabash	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.384941405	0			0			0	1.095	nc	0	1.095		0
CSS-IA-021-01	734 S. Wabash	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-021-01	734 S. Wabash	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.13353E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-021-01	734 S. Wabash	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-021-01	734 S. Wabash	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-021-01	734 S. Wabash	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.018892254	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-021-01	734 S. Wabash	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-021-01	734 S. Wabash	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-021-01	734 S. Wabash	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-021-01	734 S. Wabash	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.025835817	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-021-01	734 S. Wabash	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.026464568	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-021-01	734 S. Wabash	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-021-01	734 S. Wabash	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000269341	0			0			0	2190	nc	0	2190		0
CSS-IA-021-01	734 S. Wabash	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-021-01	734 S. Wabash	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-021-01	734 S. Wabash	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.002245355	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-021-01	734 S. Wabash	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005609272	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-021-01	734 S. Wabash	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.00118185	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-021-01	734 S. Wabash	Basement	Propanal	0.950184049	3.575510204	IDEM SL	0.265747822	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-021-01	734 S. Wabash	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.000250301	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-021-01	734 S. Wabash	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-021-01	734 S. Wabash	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-021-01	734 S. Wabash	Basement	Toluene	0.188425358	2190	IDEM SL	0.000516234	0			0			0	2190	nc	0	2190		0
CSS-IA-021-01	734 S. Wabash	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-021-01	734 S. Wabash	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-021-01	734 S. Wabash	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003663508	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-021-01	734 S. Wabash	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-021-01	734 S. Wabash	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-021-01	734 S. Wabash	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1-Propanol	1.229038855		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	2-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0	985.5	nc	0			0			0	985.5		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1	0.334862385	c	1			0			0	0.334862385		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.24682E-05	0	13408.16327	nc	0			0			0	13408.16327		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0	1.19593709	c	0			0			0	1.19593709		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0	219	nc	0			0			0	219		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.379823515	0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0	1.564285714	nc	0			0			0	1.564285714		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	5.176290423	1	2.659285714	nc	1			0			0	2.659285714		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1	0.031891656	c	1			0			0	0.031891656		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0	0.735961286	c	0			0			0	0.735961286		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0	0.984889369	c	0			0			0	0.984889369		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	1.35323021	1	2.659285714	nc	1			0			0	2.659285714		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0	0.637833115	c	0			0			0	0.637833115		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	46.92857143	nc	0			0			0	46.92857143		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.742692169	0	3.044203503	c	0			0			0	3.044203503		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0	2.485064084	c	0			0			0	2.485064084		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0	4.067142857	nc	0			0			0	4.067142857		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0	13.40816327	nc	0			0			0	13.40816327		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000700372	0	1345.285714	nc	0			0			0	1345.285714		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Acetone	66.51288344	1407.857143	IDEM SL	0.047244057	0	1407.857143	nc	0			0			0	1407.857143		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.003130437	0	26.81632653	nc	0			0			0	26.81632653		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Acrolein	0.687852761	0.008916429	IDEM SL	77.14442562	1	0.008916429	nc	1			0			0	0.008916429		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Benzene	3.194683027	2.480462113	IDEM SL	10.38078552	1	2.480462113	c	1			0			0	2.480462113		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0	0.39051007	c	0			0			0	0.39051007		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0	1.080201243	c	0			0			0	1.080201243		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0	17.17243002	c	0			0			0	17.17243002		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0	2.19	nc	0			0			0	2.19		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.387239563	0	1.095	nc	0			0			0	1.095		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0	26.59285714	nc	0			0			0	26.59285714		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.22848E-05	0	22346.93878	nc	0			0			0	22346.93878		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0	23.09395761	c	0			0			0	23.09395761		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Chloroform	0.244130879	0.826820704	IDEM SL	1.393648882	1	0.826820704	c	1			0			0	0.826820704		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Chloromethane	0.103251534	40.2244898	IDEM SL	0.022588565	0	40.2244898	nc	0			0			0	40.2244898		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0	15.64285714	nc	0			0			0	15.64285714		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.002291053	0	2659.285714	nc	0			0			0	2659.285714		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.0768989	0	89.3877551	nc	0			0			0	89.3877551		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Ethylbenzene	0.217116564	9.73	RSL	1.387939394	1	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	m,p-Xylene	22.59795501	6.26	RSL	7.391264039	1	45.36428571	nc	1			0			0	45.36428571		1
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.003959313	0	2190	nc	0			0			0	2190		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0	73.59612864	c	0			0			0	73.59612864		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0	41.85779817	c	0			0			0	41.85779817		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	n-Hexane	3.524744376	89.16428571	IDEM SL	0.255764917	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	o-Xylene	0.217116564	45.36428571	IDEM SL	0.36852725	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Pentane	2.950920245	446.9387755	IDEM SL	0.183549934	0	446.9387755	nc	0			0			0	446.9387755		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Propanal	0.950184049	3.575510204	IDEM SL	0.285678909	0	3.575510204	nc	0			0			0	3.575510204		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Propene	0.08605317	1340.816327	IDEM SL	0.005866023	0	1340.816327	nc	0			0			0	1340.816327		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Styrene	0.212985685	453.6428571	IDEM SL	0.000985952	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.795387519	0	3.189165574	c	0			0			0	3.189165574		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Toluene	3.768507157	2190	IDEM SL	0.031834421	0	2190	nc	0			0			0	2190		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.242210326	0	1.240231057	c	0			0			0	1.240231057		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004292051	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0	2.160402486	c	0			0			0	2.160402486		0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	3-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Cyclopentane	0.143353783		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Isobutene	0.114744376		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Isoprene	0.139304703		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methacrolein	0.143333333		NT		0	NA	nc	0			0			0			0
CSS-IA-024-01	1021 Park Avenue	Crawl Space	Methyl iodide	0.290265849		NT		0	NA	nc	0			0			0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.15537E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.216294993	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.482859043	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.264360547	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	1.134171703	1			0			0	0.637833115	c	1	0.637833115		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.099133117	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000209807	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Acetone	66.51288344	1407.857143	IDEM SL	0.047244057	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.066365272	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	311.1491833	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.819128982	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.596741567	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.386665023	0			0			0	1.095	nc	0	1.095		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.07023E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	4.564790618	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.039735339	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.00017733	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.048628873	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.058463042	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.356477325	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001026189	0			0			0	2190	nc	0	2190		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000117179	0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.041410114	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.009922256	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.016464075	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.004634966	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Propanal	19.00368098	3.575510204	IDEM SL	7.440939014	1			0			0	3.575510204	nc	1	3.575510204		1
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.005596469	0			0			0	1340.816327	nc	0	1340.816327		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.002770055	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.002839286	0			0			0	2190	nc	0	2190		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.0039688	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-022-01	1021 Park Avenue	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.22396E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.10303723	0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	1.205336198	1			0			0	2.659285714	nc	1	2.659285714		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.316123451	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.432556977	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.371190167	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000593794	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Acetone	33.25644172	1407.857143	IDEM SL	0.023622029	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.017154797	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	147.8601491	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	4.263076933	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.402177587	0			0			0	1.095	nc	0	1.095		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.16518E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	3.797102675	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.025001434	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.00065884	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.05532295	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.329356679	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	2.896942316	1			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001548711	0			0			0	2190	nc	0	2190		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000108688	0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.09013045	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.036086954	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Pentane	1.475460123	446.9387755	IDEM SL	0.055791257	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Propanal	0.950184049	3.575510204	IDEM SL	0.547440513	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.003119133	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001079852	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.221177278	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Toluene	1.884253579	2190	IDEM SL	0.009412664	0			0			0	2190	nc	0	2190		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004345926	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-023-01	1021 Park Avenue	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	1-Propanol	1.229038855		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	2-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5		0	985.5		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385		1	0.334862385		1
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.02962E-05	0			0			0	13408.16327		0	13408.16327		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709		0	1.19593709		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219		0	219		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714		0	1.564285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656		1	0.031891656		1
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286		0	0.735961286		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369		0	0.984889369		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115		0	0.637833115		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143		0	46.92857143		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503		0	3.044203503		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084		0	2.485064084		0
CSS-IA-025-01	Outside 1021 Park	Ambient	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857		0	4.067142857		0
CSS-IA-025-01	Outside 1021 Park	Ambient	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327		0	13.40816327		0
CSS-IA-025-01	Outside 1021 Park	Ambient	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000152255	0			0			0	1345.285714		0	1345.285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Acetone	3.325644172	1407.857143	IDEM SL	0.002362203	0			0			0	1407.857143		0	1407.857143		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.006824353	0			0			0	26.81632653		0	26.81632653		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Acrolein	0.687852761	0.008916429	IDEM SL	77.14442562	1			0			0	0.008916429		1	0.008916429		1
CSS-IA-025-01	Outside 1021 Park	Ambient	Benzene	0.159734151	2.480462113	IDEM SL	0.231828957	0			0			0	2.480462113		0	2.480462113		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007		0	0.39051007		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243		0	1.080201243		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002		0	17.17243002		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19		0	2.19		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.347596343	0			0			0	1.095		0	1.095		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714		0	26.59285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	2.9911E-05	0			0			0	22346.93878		0	22346.93878		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761		0	23.09395761		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704		0	0.826820704		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Chloromethane	0.103251534	40.2244898	IDEM SL	0.023820668	0			0			0	40.2244898		0	40.2244898		0
CSS-IA-025-01	Outside 1021 Park	Ambient	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714		0	15.64285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714		0	2659.285714		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.023733545	0			0			0	89.3877551		0	89.3877551		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Ethylbenzene	0.217116564	9.73	RSL	0.025036463	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	3-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000107467	0			0			0	2190		0	2190		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864		0	73.59612864		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817		0	41.85779817		0
CSS-IA-025-01	Outside 1021 Park	Ambient	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003534062	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005130665	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Pentane	0.147546012	446.9387755	IDEM SL	0.001168645	0			0			0	446.9387755		0	446.9387755		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Propanal	0.950184049	3.575510204	IDEM SL	0.265747822	0			0			0	3.575510204		0	3.575510204		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Propene	0.08605317	1340.816327	IDEM SL	0.000219495	0			0			0	1340.816327		0	1340.816327		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574		0	3.189165574		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Toluene	0.188425358	2190	IDEM SL	0.000399221	0			0			0	2190		0	2190		0
CSS-IA-025-01	Outside 1021 Park	Ambient	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057		0	1.240231057		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003483924	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486		0	2.160402486		0
CSS-IA-025-01	Outside 1021 Park	Ambient	Cyclopentane	0.143353783		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Isobutene	0.114744376		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Isoprene	0.139304703		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methacrolein	0.143333333		NT		0			0			0	NA		0			0
CSS-IA-025-01	Outside 1021 Park	Ambient	Methyl iodide	0.290265849		NT		0			0			0	NA		0			0
CSS-FB-026-01		Field Blank	1,1,1-Trichloroethane	0.272822086		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,1,2,2-Tetrachloroethane	0.343251534		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,1,2-Trichloroethane	0.272822086		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,1-Dichloroethane	0.202372188		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,1-Dichloroethene	0.198241309		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2,3-Trimethylbenzene	0.245807771		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2,4-Trichlorobenzene	0.371063395		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2,4-Trimethylbenzene	0.245807771		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2-Dibromoethane (EDB)	0.384171779		R		0			0			0			0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-FB-026-01		Field Blank	1,2-Dichlorobenzene	0.300613497		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2-Dichloroethane	0.202372188		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,2-Dichloropropane	0.231063395		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,3,5-Trimethylbenzene	0.245807771		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,3-Butadiene	0.110613497		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,3-Dichlorobenzene	0.300613497		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,4-Dichlorobenzene	0.300613497		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1,4-Dioxane	0.180184049		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1-Butanol	0.151574642		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	1-Propanol	1.229038855		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	2-Hexanone	0.204826176		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	3-Hexanone	0.204826176		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	4-Methyl-2-pentanone	0.204826176		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Acetone	3.325644172		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Acetonitrile	0.08394683		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Acrolein	0.687852761		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Benzene	0.159734151		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Benzyl chloride	0.258875256		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Bromodichloromethane	0.335030675		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Bromoform	0.516830266		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Bromomethane	0.194151329		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Carbon disulfide	0.622740286		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Carbon tetrachloride	0.314560327		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Chlorobenzene	0.230184049		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Chlorodifluoromethane	0.176830266		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Chloroethane	0.13194274		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Chloroform	0.244130879		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Chloromethane	0.103251534		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	cis-1,2-Dichloroethene	0.198241309		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	cis-1,3-Dichloropropene	0.226932515		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Cyclohexane	0.172106339		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Dichlorodifluoromethane	0.247259714		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Dichlorotetrafluoroethane	0.247259714		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Ethylbenzene	0.217116564		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	m,p-Xylene	1.129897751		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methyl ethyl ketone	0.147464213		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methyl tert-butyl ether	0.180265849		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methyl vinyl ketone	0.147464213		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methylene chloride	1.389447853		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	n-Hexane	0.176237219		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	o-Xylene	0.217116564		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Pentane	0.147546012		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Propanal	0.950184049		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Propene	0.08605317		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Styrene	0.212985685		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Tetrachloroethene	0.339120654		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Toluene	0.188425358		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	trans-1,3-Dichloropropene	0.226932515		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Trichloroethene	0.268691207		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Trichlorofluoromethane	0.280920245		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Vinyl chloride	0.127811861		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	2-Pentanone	0.176134969		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	3-Pentanone	0.176134969		R		0			0			0			0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-FB-026-01		Field Blank	Cyclopentane	0.143353783		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Isobutene	0.114744376		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Isoprene	0.139304703		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methacrolein	0.143333333		R		0			0			0			0			0
CSS-FB-026-01		Field Blank	Methyl iodide	0.290265849		R		0			0			0			0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	3.92674E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2,4-Trichlorobenzene	0.371063395	1.564285714	IDEM SL	0.237209476	0			0			0	1.564285714	nc	0	1.564285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.15177623	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.446012168	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000268577	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Acetone	3.325644172	1407.857143	IDEM SL	0.007812142	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Acetonitrile	0.08394683	26.81632653	IDEM SL	0.003130437	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Acrolein	0.687852761	0.008916429	IDEM SL	104.9164188	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.453354405	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.716904544	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Carbon disulfide	0.622740286	312.8571429	IDEM SL	0.001990494	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.356214434	0			0			0	1.095	nc	0	1.095		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.07023E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	3.123899401	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.020381046	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.023788868	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.033694349	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000540029	0			0			0	2190	nc	0	2190		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000101895	0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methylene chloride	1.389447853	41.85779817	IDEM SL	0.03319448	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003182237	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.009667858	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.001703449	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Propanal	0.950184049	3.575510204	IDEM SL	0.364738886	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.000580184	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.000809419	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.112077332	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.001364578	0			0			0	2190	nc	0	2190		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003807175	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-027-01	1019 W. Harrison	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.65264E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.052124716	0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.253268496	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.118130342	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	3.988677242	1			0			0	0.637833115	c	1	0.637833115		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.367463358	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	2-Propanol	0.122903885	3128.571429	IDEM SL	0.000220778	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.00017083	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.012553421	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.226643664	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	462.8665537	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	1.210662331	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-028-01	740 S. Leeds	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000543405	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.390686799	0			0			0	1.095	nc	0	1.095		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	2.9911E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.575765958	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.08881413	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000651073	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.024840004	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.085686291	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.527947431	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001278023	0			0			0	2190	nc	0	2190		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000334554	0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004398269	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.006127289	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.016081189	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.002971132	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.571357817	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Propene	0.860531697	1340.816327	IDEM SL	0.008766945	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.002225434	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.002787663	0			0			0	2190	nc	0	2190		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004022675	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Isoprene	1.393047035		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-028-01	740 S. Leeds	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1-Propanol	0.516196319		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	2-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	3-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0	985.5	nc	0			0			0	985.5		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1	0.334862385	c	1			0			0	0.334862385		1
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.08704E-05	0	13408.16327	nc	0			0			0	13408.16327		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0	1.19593709	c	0			0			0	1.19593709		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0	219	nc	0			0			0	219		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1	1.564285714	nc	1			0			0	1.564285714		1
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.169153776	0	2.659285714	nc	0			0			0	2.659285714		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1	0.031891656	c	1			0			0	0.031891656		1
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0	0.735961286	c	0			0			0	0.735961286		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0	0.984889369	c	0			0			0	0.984889369		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0	2.659285714	nc	0			0			0	2.659285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0	0.637833115	c	0			0			0	0.637833115		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	46.92857143	nc	0			0			0	46.92857143		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	3.044203503	c	0			0			0	3.044203503		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0	2.485064084	c	0			0			0	2.485064084		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0	4.067142857	nc	0			0			0	4.067142857		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0	13.40816327	nc	0			0			0	13.40816327		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0	3128.571429	nc	0			0			0	3128.571429		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000152255	0	1345.285714	nc	0			0			0	1345.285714		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Acetone	0.118773006	1407.857143	IDEM SL	0.00334083	0	1407.857143	nc	0			0			0	1407.857143		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.026233065	0	26.81632653	nc	0			0			0	26.81632653		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Acrolein	0.114642127	0.008916429	IDEM SL	12.85740427	1	0.008916429	nc	1			0			0	0.008916429		1
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Benzene	0.159734151	2.480462113	IDEM SL	0.24857216	0	2.480462113	c	0			0			0	2.480462113		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0	0.39051007	c	0			0			0	0.39051007		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0	1.080201243	c	0			0			0	1.080201243		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0	17.17243002	c	0			0			0	17.17243002		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0	2.19	nc	0			0			0	2.19		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.00092558	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.445268043	0	1.095	nc	0			0			0	1.095		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0	26.59285714	nc	0			0			0	26.59285714		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	6.67853E-05	0	22346.93878	nc	0			0			0	22346.93878		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0	23.09395761	c	0			0			0	23.09395761		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Chloroform	0.244130879	0.826820704	IDEM SL	1.429080633	1	0.826820704	c	1			0			0	0.826820704		1
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Chloromethane	0.103251534	40.2244898	IDEM SL	0.019816332	0	40.2244898	nc	0			0			0	40.2244898		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0	15.64285714	nc	0			0			0	15.64285714		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000165681	0	2659.285714	nc	0			0			0	2659.285714		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026555016	0	89.3877551	nc	0			0			0	89.3877551		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Ethylbenzene	0.217116564	9.73	RSL	0.035836506	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	m,p-Xylene	1.129897751	6.26	RSL	0.189519591	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000218166	0	2190	nc	0			0			0	2190		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0	73.59612864	c	0			0			0	73.59612864		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.017593075	0	41.85779817	c	0			0			0	41.85779817		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	n-Hexane	0.176237219	89.16428571	IDEM SL	0.009329292	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	o-Xylene	0.217116564	45.36428571	IDEM SL	0.007523699	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Pentane	0.147546012	446.9387755	IDEM SL	0.001888319	0	446.9387755	nc	0			0			0	446.9387755		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Propanal	0.118773006	3.575510204	IDEM SL	0.260432866	0	3.575510204	nc	0			0			0	3.575510204		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Propene	0.08605317	1340.816327	IDEM SL	0.000259286	0	1340.816327	nc	0			0			0	1340.816327		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Styrene	0.212985685	453.6428571	IDEM SL	0.000533353	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0	3.189165574	c	0			0			0	3.189165574		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Toluene	0.188425358	2190	IDEM SL	0.000514513	0	2190	nc	0			0			0	2190		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0	1.240231057	c	0			0			0	1.240231057		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.019035874	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0	2.160402486	c	0			0			0	2.160402486		0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Cyclopentane	0.143353783		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Isobutene	0.114744376		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Isoprene	0.139304703		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methacrolein	0.143333333		NT		0	NA	nc	0			0			0			0
CSS-IA-029-01	1019 W. Harrison	Crawl Space	Methyl iodide	0.290265849		NT		0	NA	nc	0			0			0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000408057	0			0			0	985.5	nc	0	985.5		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	6.68746E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.176442838	0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.974251805	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.310577425	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.582693719	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000274059	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.016721022	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	256.1194931	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.701926564	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.998982043	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.03599543	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.001234106	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.445268043	0			0			0	1.095	nc	0	1.095		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	0.000284866	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	2.403453792	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.024847421	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000190274	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.160989783	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.098182208	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.508995472	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001031576	0			0			0	2190	nc	0	2190		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000187373	0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.013194806	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.008459612	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.024121784	0			0			0	45.36428571	nc	0	45.36428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.004833041	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.744093901	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Propene	0.860531697	1340.816327	IDEM SL	0.009472922	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.002666765	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	9.229897951	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-030-01	724 S. Wabash	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.002529546	0			0			0	2190	nc	0	2190		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.005854429	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-030-01	724 S. Wabash	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000374836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-031-01	724 S. Wabash	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-031-01	724 S. Wabash	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	6.40167E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-031-01	724 S. Wabash	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-031-01	724 S. Wabash	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-031-01	724 S. Wabash	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-031-01	724 S. Wabash	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.171055271	0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-031-01	724 S. Wabash	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	1.013073983	1			0			0	2.659285714	nc	1	2.659285714		1
CSS-IA-031-01	724 S. Wabash	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-031-01	724 S. Wabash	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-031-01	724 S. Wabash	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-031-01	724 S. Wabash	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-031-01	724 S. Wabash	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.340156228	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-031-01	724 S. Wabash	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.495983344	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-031-01	724 S. Wabash	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-031-01	724 S. Wabash	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-031-01	724 S. Wabash	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-031-01	724 S. Wabash	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.118512523	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-031-01	724 S. Wabash	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-031-01	724 S. Wabash	Basement	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-031-01	724 S. Wabash	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000272536	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-031-01	724 S. Wabash	Basement	Acetone	0.118773006	1407.857143	IDEM SL	0.018391437	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-031-01	724 S. Wabash	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-031-01	724 S. Wabash	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	248.9193467	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-031-01	724 S. Wabash	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.595027656	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-031-01	724 S. Wabash	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-031-01	724 S. Wabash	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.771894382	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-031-01	724 S. Wabash	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.036537167	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-031-01	724 S. Wabash	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-031-01	724 S. Wabash	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.001403298	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-031-01	724 S. Wabash	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.484336723	0			0			0	1.095	nc	0	1.095		0
CSS-IA-031-01	724 S. Wabash	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-031-01	724 S. Wabash	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	0.000319683	0			0			0	22346.93878	nc	0	22346.93878		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-031-01	724 S. Wabash	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	1.877882816	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-031-01	724 S. Wabash	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.026746914	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-031-01	724 S. Wabash	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-031-01	724 S. Wabash	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-031-01	724 S. Wabash	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000213573	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-031-01	724 S. Wabash	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.178693127	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-031-01	724 S. Wabash	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.097289642	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-031-01	724 S. Wabash	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.513507843	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-031-01	724 S. Wabash	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.00094	0			0			0	2190	nc	0	2190		0
CSS-IA-031-01	724 S. Wabash	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-031-01	724 S. Wabash	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	9.84982E-05	0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.011867027	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-031-01	724 S. Wabash	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.010317565	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-031-01	724 S. Wabash	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.024696112	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-031-01	724 S. Wabash	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.005182975	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-031-01	724 S. Wabash	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.520201361	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-031-01	724 S. Wabash	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.004505414	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-031-01	724 S. Wabash	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.002657375	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-031-01	724 S. Wabash	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	8.421750204	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-031-01	724 S. Wabash	Basement	Toluene	0.188425358	2190	IDEM SL	0.002598377	0			0			0	2190	nc	0	2190		0
CSS-IA-031-01	724 S. Wabash	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-031-01	724 S. Wabash	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-031-01	724 S. Wabash	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.006087888	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-031-01	724 S. Wabash	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-031-01	724 S. Wabash	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-031-01	724 S. Wabash	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.92128E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.134028948	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.155288713	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.134910482	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000261878	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Acetone	0.118773006	1407.857143	IDEM SL	0.00926321	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	88.20179329	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.28592238	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.571283309	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.039727397	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.001144534	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.491231196	0			0			0	1.095	nc	0	1.095		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.16221E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	1.747966394	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.022229201	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000242049	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.028601965	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.036907585	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.00056831	0			0			0	2190	nc	0	2190		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005726048	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.004111213	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.00770557	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.002026972	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.631815447	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.000670036	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.000473257	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.116968753	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.000468052	0			0			0	2190	nc	0	2190		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.005243845	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-032-01	1017 W. Harrison	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.54976E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.123861235	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000171439	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.008065235	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	67.88709455	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.230541018	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000964394	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.363108907	0			0			0	1.095	nc	0	1.095		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.03857E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.980278451	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.016787411	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.00017733	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.021133367	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.031552191	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.00047	0			0			0	2190	nc	0	2190		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	5.03246E-05	0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.00414931	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003597312	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.006269749	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.001802487	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.490969101	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.000521139	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.000480769	0			0			0	453.6428571	nc	0	453.6428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.000416429	0			0			0	2190	nc	0	2190		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003250465	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-033-01	1017 W. Harrison	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-034-01	1017 W. Harrison	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.55573E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-034-01	1017 W. Harrison	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.151221627	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-034-01	1017 W. Harrison	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-034-01	1017 W. Harrison	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-034-01	1017 W. Harrison	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.114785714	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-034-01	1017 W. Harrison	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-034-01	1017 W. Harrison	Basement	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-034-01	1017 W. Harrison	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000191841	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-034-01	1017 W. Harrison	Basement	Acetone	0.118773006	1407.857143	IDEM SL	0.003526431	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-034-01	1017 W. Harrison	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-034-01	1017 W. Harrison	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	27.00054897	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-034-01	1017 W. Harrison	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.255011853	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-034-01	1017 W. Harrison	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-034-01	1017 W. Harrison	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-034-01	1017 W. Harrison	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-034-01	1017 W. Harrison	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-034-01	1017 W. Harrison	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.001164439	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-034-01	1017 W. Harrison	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.530874415	0			0			0	1.095	nc	0	1.095		0
CSS-IA-034-01	1017 W. Harrison	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-034-01	1017 W. Harrison	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.909E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-034-01	1017 W. Harrison	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-034-01	1017 W. Harrison	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.803119695	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-034-01	1017 W. Harrison	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.015657982	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-034-01	1017 W. Harrison	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-034-01	1017 W. Harrison	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000207101	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-034-01	1017 W. Harrison	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.028270027	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-034-01	1017 W. Harrison	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.038915857	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.219301241	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000185845	0			0			0	2190	nc	0	2190		0
CSS-IA-034-01	1017 W. Harrison	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-034-01	1017 W. Harrison	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004921082	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-034-01	1017 W. Harrison	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.004427461	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.008911659	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.001703449	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-034-01	1017 W. Harrison	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.302952517	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-034-01	1017 W. Harrison	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.000731648	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-034-01	1017 W. Harrison	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.000576547	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-034-01	1017 W. Harrison	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-034-01	1017 W. Harrison	Basement	Toluene	0.188425358	2190	IDEM SL	0.000400942	0			0			0	2190	nc	0	2190		0
CSS-IA-034-01	1017 W. Harrison	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-034-01	1017 W. Harrison	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-034-01	1017 W. Harrison	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004435718	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-034-01	1017 W. Harrison	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-034-01	1017 W. Harrison	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-034-01	1017 W. Harrison	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	1-Propanol	0.516196319		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	2-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	3-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Cyclopentane	0.143353783		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5		0	985.5		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385		1	0.334862385		1
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.80697E-05	0			0			0	13408.16327		0	13408.16327		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709		0	1.19593709		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219		0	219		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714		1	1.564285714		1
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.12127309	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656		1	0.031891656		1
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286		0	0.735961286		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369		0	0.984889369		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115		0	0.637833115		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143		0	46.92857143		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503		0	3.044203503		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084		0	2.485064084		0
CSS-IA-035-01	Outside 1021 Park	Ambient	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857		0	4.067142857		0
CSS-IA-035-01	Outside 1021 Park	Ambient	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327		0	13.40816327		0
CSS-IA-035-01	Outside 1021 Park	Ambient	2-Propanol	0.122903885	3128.571429	IDEM SL	3.92843E-05	0			0			0	3128.571429		0	3128.571429		0
CSS-IA-035-01	Outside 1021 Park	Ambient	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000152255	0			0			0	1345.285714		0	1345.285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Acetone	0.118773006	1407.857143	IDEM SL	0.00369516	0			0			0	1407.857143		0	1407.857143		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653		0	26.81632653		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Acrolein	0.114642127	0.008916429	IDEM SL	28.80058557	1			0			0	0.008916429		1	0.008916429		1
CSS-IA-035-01	Outside 1021 Park	Ambient	Benzene	0.159734151	2.480462113	IDEM SL	0.288498258	0			0			0	2.480462113		0	2.480462113		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007		0	0.39051007		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243		0	1.080201243		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002		0	17.17243002		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19		0	2.19		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.001254011	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.405624824	0			0			0	1.095		0	1.095		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714		0	26.59285714		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.52918E-05	0			0			0	22346.93878		0	22346.93878		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761		0	23.09395761		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704		0	0.826820704		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Chloromethane	0.103251534	40.2244898	IDEM SL	0.02597685	0			0			0	40.2244898		0	40.2244898		0
CSS-IA-035-01	Outside 1021 Park	Ambient	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714		0	15.64285714		0
CSS-IA-035-01	Outside 1021 Park	Ambient	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714		0	2659.285714		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026776308	0			0			0	89.3877551		0	89.3877551		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Ethylbenzene	0.217116564	9.73	RSL	0.029454662	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000301662	0			0			0	2190		0	2190		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864		0	73.59612864		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004780005	0			0			0	41.85779817		0	41.85779817		0
CSS-IA-035-01	Outside 1021 Park	Ambient	n-Hexane	0.176237219	89.16428571	IDEM SL	0.00438793	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	o-Xylene	0.217116564	45.36428571	IDEM SL	0.006384615	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Pentane	0.147546012	446.9387755	IDEM SL	0.001564796	0			0			0	446.9387755		0	446.9387755		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Propanal	0.118773006	3.575510204	IDEM SL	0.304281256	0			0			0	3.575510204		0	3.575510204		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Propene	0.08605317	1340.816327	IDEM SL	0.0003286	0			0			0	1340.816327		0	1340.816327		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574		0	3.189165574		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Toluene	0.188425358	2190	IDEM SL	0.000414708	0			0			0	2190		0	2190		0
CSS-IA-035-01	Outside 1021 Park	Ambient	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057		0	1.240231057		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004022675	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486		0	2.160402486		0
CSS-IA-035-01	Outside 1021 Park	Ambient	Isobutene	0.114744376		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Isoprene	0.139304703		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methacrolein	0.143333333		NT		0			0			0	NA		0			0
CSS-IA-035-01	Outside 1021 Park	Ambient	Methyl iodide	0.290265849		NT		0			0			0	NA		0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.01845E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.053404264	0			0			0	NA	nc	0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.404859858	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.133474346	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	7.100463593	1			0			0	3.044203503	c	1	3.044203503		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	1-Butanol	1.515746421	4.067142857	IDEM SL	8.049907232	1			0			0	4.067142857	nc	1	4.067142857		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000243303	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.009803142	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.02247654	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	90.51612606	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.779202883	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.619144834	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.499849287	0			0			0	1.095	nc	0	1.095		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.63996E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	1.175153083	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-036-01	801 S. Brandon	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.031007939	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Cyclohexane	1.721063395	2659.285714	IDEM SL	0.014238182	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.027606152	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.084793725	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.655196299	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000553496	0			0			0	2190	nc	0	2190		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	6.84959E-05	0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.007717717	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.041902753	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.023451734	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Pentane	1.475460123	446.9387755	IDEM SL	0.031692075	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.583980839	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.004967508	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001154972	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.002133767	0			0			0	2190	nc	0	2190		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004274093	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-036-01	801 S. Brandon	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-037-02	801 S. Brandon	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-037-02	801 S. Brandon	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.88699E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-037-02	801 S. Brandon	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-037-02	801 S. Brandon	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-037-02	801 S. Brandon	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-037-02	801 S. Brandon	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.052259406	0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-037-02	801 S. Brandon	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.441833361	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-037-02	801 S. Brandon	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-037-02	801 S. Brandon	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-037-02	801 S. Brandon	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-037-02	801 S. Brandon	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-037-02	801 S. Brandon	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.152885435	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-037-02	801 S. Brandon	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.554946399	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-037-02	801 S. Brandon	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-037-02	801 S. Brandon	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	2.372262166	1			0			0	3.044203503	c	1	3.044203503		1
CSS-IA-037-02	801 S. Brandon	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-037-02	801 S. Brandon	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-037-02	801 S. Brandon	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-037-02	801 S. Brandon	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000152255	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-037-02	801 S. Brandon	Basement	Acetone	1.187730061	1407.857143	IDEM SL	0.009313828	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-037-02	801 S. Brandon	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-037-02	801 S. Brandon	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	49.62958048	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-037-02	801 S. Brandon	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.95436254	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-037-02	801 S. Brandon	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-037-02	801 S. Brandon	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.679226323	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-037-02	801 S. Brandon	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-037-02	801 S. Brandon	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-037-02	801 S. Brandon	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-037-02	801 S. Brandon	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.460780607	0			0			0	1.095	nc	0	1.095		0
CSS-IA-037-02	801 S. Brandon	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-037-02	801 S. Brandon	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.43422E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-037-02	801 S. Brandon	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-037-02	801 S. Brandon	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	1.38774359	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-037-02	801 S. Brandon	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.025001434	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-037-02	801 S. Brandon	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-037-02	801 S. Brandon	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-037-02	801 S. Brandon	Basement	Cyclohexane	1.721063395	2659.285714	IDEM SL	0.01307324	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-037-02	801 S. Brandon	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026886954	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-037-02	801 S. Brandon	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.096397077	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-037-02	801 S. Brandon	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.776127848	0			0			0	45.36428571	nc	0	45.36428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000393238	0			0			0	2190	nc	0	2190		0
CSS-IA-037-02	801 S. Brandon	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-037-02	801 S. Brandon	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005975006	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-037-02	801 S. Brandon	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.040321517	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-037-02	801 S. Brandon	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.027663474	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-037-02	801 S. Brandon	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.030833748	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-037-02	801 S. Brandon	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.391978037	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-037-02	801 S. Brandon	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.001758523	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-037-02	801 S. Brandon	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.000702373	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-037-02	801 S. Brandon	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-037-02	801 S. Brandon	Basement	Toluene	0.188425358	2190	IDEM SL	0.002753247	0			0			0	2190	nc	0	2190		0
CSS-IA-037-02	801 S. Brandon	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-037-02	801 S. Brandon	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-037-02	801 S. Brandon	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.00407655	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-037-02	801 S. Brandon	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-037-02	801 S. Brandon	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-037-02	801 S. Brandon	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.06418E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.180483514	0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	2.107489672	1			0			0	2.659285714	nc	1	2.659285714		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.595273399	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.290306335	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.022272742	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000417178	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.011642286	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	231.4332769	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	3.889574724	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-038-01	750 S. Wabash	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000575253	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.396432193	0			0			0	1.095	nc	0	1.095		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.09891E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.809024987	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.023615318	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.001359099	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.023844191	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.535539316	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	4.187480481	1			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.00269341	0			0			0	2190	nc	0	2190		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000309647	0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005991604	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.12531295	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.134967123	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.000330126	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.883611508	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.003709586	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001868613	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Toluene	1.884253579	2190	IDEM SL	0.011701301	0			0			0	2190	nc	0	2190		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003591674	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-038-01	750 S. Wabash	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-039-02	750 S. Wabash	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-039-02	750 S. Wabash	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.06418E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-039-02	750 S. Wabash	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-039-02	750 S. Wabash	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-039-02	750 S. Wabash	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-039-02	750 S. Wabash	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.168361487	0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-039-02	750 S. Wabash	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	1.922622157	1			0			0	2.659285714	nc	1	2.659285714		1
CSS-IA-039-02	750 S. Wabash	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-039-02	750 S. Wabash	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-039-02	750 S. Wabash	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-039-02	750 S. Wabash	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-039-02	750 S. Wabash	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.536115794	0			0			0	2.659285714	nc	0	2.659285714		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.343373084	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-039-02	750 S. Wabash	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-039-02	750 S. Wabash	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-039-02	750 S. Wabash	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-039-02	750 S. Wabash	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.827351577	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-039-02	750 S. Wabash	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-039-02	750 S. Wabash	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000280149	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-039-02	750 S. Wabash	Basement	Acetone	1.187730061	1407.857143	IDEM SL	0.004910007	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-039-02	750 S. Wabash	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-039-02	750 S. Wabash	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	12.85740427	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-039-02	750 S. Wabash	Basement	Benzene	0.159734151	2.480462113	IDEM SL	3.838057178	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-039-02	750 S. Wabash	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-039-02	750 S. Wabash	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-039-02	750 S. Wabash	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-039-02	750 S. Wabash	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-039-02	750 S. Wabash	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-039-02	750 S. Wabash	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.447566201	0			0			0	1.095	nc	0	1.095		0
CSS-IA-039-02	750 S. Wabash	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-039-02	750 S. Wabash	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.17804E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-039-02	750 S. Wabash	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-039-02	750 S. Wabash	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.696824441	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-039-02	750 S. Wabash	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.023717993	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-039-02	750 S. Wabash	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-039-02	750 S. Wabash	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-039-02	750 S. Wabash	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.00146265	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-039-02	750 S. Wabash	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026057109	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-039-02	750 S. Wabash	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.477522557	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-039-02	750 S. Wabash	Basement	m,p-Xylene	1.129897751	6.26	RSL	3.8084413	1			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-039-02	750 S. Wabash	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.004322923	0			0			0	2190	nc	0	2190		0
CSS-IA-039-02	750 S. Wabash	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-039-02	750 S. Wabash	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	5.66081E-05	0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.006282055	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-039-02	750 S. Wabash	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.130056658	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-039-02	750 S. Wabash	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.123480559	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-039-02	750 S. Wabash	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.000330126	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-039-02	750 S. Wabash	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.475688601	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-039-02	750 S. Wabash	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.003183312	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-039-02	750 S. Wabash	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.001070462	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-039-02	750 S. Wabash	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-039-02	750 S. Wabash	Basement	Toluene	0.188425358	2190	IDEM SL	0.014385717	0			0			0	2190	nc	0	2190		0
CSS-IA-039-02	750 S. Wabash	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-039-02	750 S. Wabash	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-039-02	750 S. Wabash	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004040634	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-039-02	750 S. Wabash	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-039-02	750 S. Wabash	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-039-02	750 S. Wabash	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	1-Propanol	0.516196319		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	2-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	3-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Cyclopentane	0.143353783		NT		0			0			0	NA		0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Isobutene	0.114744376		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5		0	985.5		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385		1	0.334862385		1
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.06418E-05	0			0			0	13408.16327		0	13408.16327		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709		0	1.19593709		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219		0	219		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714		1	1.564285714		1
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.126634248	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656		1	0.031891656		1
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286		0	0.735961286		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369		0	0.984889369		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.09298836	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115		0	0.637833115		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143		0	46.92857143		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503		0	3.044203503		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084		0	2.485064084		0
CSS-IA-040-01	Outside 1021 Park	Ambient	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857		0	4.067142857		0
CSS-IA-040-01	Outside 1021 Park	Ambient	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327		0	13.40816327		0
CSS-IA-040-01	Outside 1021 Park	Ambient	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000168089	0			0			0	1345.285714		0	1345.285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Acetone	0.118773006	1407.857143	IDEM SL	0.002750279	0			0			0	1407.857143		0	1407.857143		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653		0	26.81632653		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Acrolein	0.114642127	0.008916429	IDEM SL	12.85740427	1			0			0	0.008916429		1	0.008916429		1
CSS-IA-040-01	Outside 1021 Park	Ambient	Benzene	0.159734151	2.480462113	IDEM SL	0.280770626	0			0			0	2.480462113		0	2.480462113		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007		0	0.39051007		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243		0	1.080201243		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002		0	17.17243002		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19		0	2.19		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.453886134	0			0			0	1.095		0	1.095		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714		0	26.59285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.40257E-05	0			0			0	22346.93878		0	22346.93878		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761		0	23.09395761		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704		0	0.826820704		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Chloromethane	0.103251534	40.2244898	IDEM SL	0.027516979	0			0			0	40.2244898		0	40.2244898		0
CSS-IA-040-01	Outside 1021 Park	Ambient	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714		0	15.64285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714		0	2659.285714		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026333724	0			0			0	89.3877551		0	89.3877551		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Ethylbenzene	0.217116564	9.73	RSL	0.027669531	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000180458	0			0			0	2190		0	2190		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864		0	73.59612864		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.007477057	0			0			0	41.85779817		0	41.85779817		0
CSS-IA-040-01	Outside 1021 Park	Ambient	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003399657	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	o-Xylene	0.217116564	45.36428571	IDEM SL	0.006891938	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Pentane	0.147546012	446.9387755	IDEM SL	0.001432746	0			0			0	446.9387755		0	446.9387755		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Propanal	0.118773006	3.575510204	IDEM SL	0.270398409	0			0			0	3.575510204		0	3.575510204		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Propene	0.08605317	1340.816327	IDEM SL	0.000198957	0			0			0	1340.816327		0	1340.816327		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574		0	3.189165574		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Toluene	0.188425358	2190	IDEM SL	0.000376851	0			0			0	2190		0	2190		0
CSS-IA-040-01	Outside 1021 Park	Ambient	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057		0	1.240231057		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004112467	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486		0	2.160402486		0
CSS-IA-040-01	Outside 1021 Park	Ambient	Isoprene	0.139304703		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methacrolein	0.143333333		NT		0			0			0	NA		0			0
CSS-IA-040-01	Outside 1021 Park	Ambient	Methyl iodide	0.290265849		NT		0			0			0	NA		0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1-Propanol	0.516196319		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	2-Pentanone	0.176134969		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	3-Pentanone	0.176134969		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Cyclopentane	0.143353783		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Isobutene	0.114744376		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1,1-Trichloroethane	0.272822086	9855	IDEM SL	2.76836E-05	0			0	9855	nc	0			0	9855		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1,2,2-Tetrachloroethane	0.343251534	3.348623853	IDEM SL	0.102505253	0			0	3.348623853	c	0			0	3.348623853		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	134081.6327	IDEM SL	4.54976E-06	0			0	134081.6327	nc	0			0	134081.6327		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1,2-Trichloroethane	0.272822086	11.9593709	IDEM SL	0.022812411	0			0	11.9593709	c	0			0	11.9593709		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1-Dichloroethane	0.202372188	152	RSL	0.001331396	0			0	2190	nc	0			0	2190		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,1-Dichloroethene	0.198241309	891.6428571	IDEM SL	0.000222333	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2,3-Trimethylbenzene	0.245807771	73	RSL	0.024782811	0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2,4-Trichlorobenzene	3.859059305	15.64285714	IDEM SL	0.246697855	0			0	15.64285714	nc	0			0	15.64285714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2,4-Trimethylbenzene	0.245807771	26.59285714	IDEM SL	0.164347221	0			0	26.59285714	nc	0			0	26.59285714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2-Dibromoethane (EDB)	0.384171779	0.318916557	IDEM SL	1.204615346	1			0	0.318916557	c	1			0	0.318916557		1
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2-Dichlorobenzene	0.300613497	891.6428571	IDEM SL	0.000337146	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2-Dichloroethane	0.202372188	7.359612864	IDEM SL	0.027497668	0			0	7.359612864	c	0			0	7.359612864		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,2-Dichloropropane	0.231063395	9.848893686	IDEM SL	0.023460848	0			0	9.848893686	c	0			0	9.848893686		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,3,5-Trimethylbenzene	0.245807771	26.59285714	IDEM SL	0.052132639	0			0	26.59285714	nc	0			0	26.59285714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,3-Butadiene	0.110613497	6.378331149	IDEM SL	0.017342075	0			0	6.378331149	c	0			0	6.378331149		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,3-Dichlorobenzene	0.300613497	22.1	RSL	0.013602421	0			0	469.2857143	nc	0			0	469.2857143		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,4-Dichlorobenzene	0.300613497	22.1	RSL	0.0342781	0			0	30.44203503	c	0			0	30.44203503		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1,4-Dioxane	0.180184049	24.85064084	IDEM SL	0.00725068	0			0	24.85064084	c	0			0	24.85064084		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	1-Butanol	0.151574642	40.67142857	IDEM SL	0.010807746	0			0	40.67142857	nc	0			0	40.67142857		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	2-Hexanone	0.204826176	134.0816327	IDEM SL	0.003391323	0			0	134.0816327	nc	0			0	134.0816327		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	3-Hexanone	0.204826176	313	RSL	0.000654397	0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	4-Methyl-2-pentanone	0.204826176	13452.85714	IDEM SL	3.71502E-05	0			0	13452.85714	nc	0			0	13452.85714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Acetone	0.118773006	14078.57143	IDEM SL	0.000803149	0			0	14078.57143	nc	0			0	14078.57143		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Acetonitrile	0.335787321	268.1632653	IDEM SL	0.001659132	0			0	268.1632653	nc	0			0	268.1632653		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Acrolein	0.114642127	0.089164286	IDEM SL	5.888691156	1			0	0.089164286	nc	1			0	0.089164286		1
CSS-IA-041-01	723 S. Leeds	Sub Slab	Benzene	0.159734151	24.80462113	IDEM SL	0.058214827	0			0	24.80462113	c	0			0	24.80462113		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Benzyl chloride	0.258875256	3.905100703	IDEM SL	0.072390394	0			0	3.905100703	c	0			0	3.905100703		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Bromodichloromethane	0.335030675	6.58	RSL	0.050916516	0			0	10.80201243	c	0			0	10.80201243		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Bromoform	0.516830266	171.7243002	IDEM SL	0.003009651	0			0	171.7243002	c	0			0	171.7243002		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Bromomethane	0.194151329	21.9	IDEM SL	0.008865357	0			0	21.9	nc	0			0	21.9		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Carbon disulfide	0.155685072	3128.571429	IDEM SL	0.000136349	0			0	3128.571429	nc	0			0	3128.571429		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Carbon tetrachloride	0.314560327	10.95	IDEM SL	0.028726971	0			0	10.95	nc	0			0	10.95		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Chlorobenzene	0.230184049	265.9285714	IDEM SL	0.000865586	0			0	265.9285714	nc	0			0	265.9285714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Chlorodifluoromethane	0.176830266	223469.3878	IDEM SL	2.40554E-06	0			0	223469.3878	nc	0			0	223469.3878		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Chloroethane	0.13194274	230.9395761	IDEM SL	0.00057133	0			0	230.9395761	c	0			0	230.9395761		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Chloroform	0.244130879	8.268207045	IDEM SL	0.029526459	0			0	8.268207045	c	0			0	8.268207045		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Chloromethane	0.103251534	402.244898	IDEM SL	0.00028287	0			0	402.244898	nc	0			0	402.244898		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	cis-1,2-Dichloroethene	0.198241309	156.4285714	IDEM SL	0.001267296	0			0	156.4285714	nc	0			0	156.4285714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	cis-1,3-Dichloropropene	0.226932515	47.83748362	IDEM SL	0.004743822	0			0	47.83748362	c	0			0	47.83748362		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Cyclohexane	0.172106339	26592.85714	IDEM SL	1.94157E-05	0			0	26592.85714	nc	0			0	26592.85714		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Dichlorodifluoromethane	0.247259714	893.877551	IDEM SL	0.002616776	0			0	893.877551	nc	0			0	893.877551		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Dichlorotetrafluoroethane	0.247259714	2090	RSL	0.000118306	0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Ethylbenzene	0.217116564	97.3	RSL	0.03159682	0			0	4536.428571	nc	0			0	4536.428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	m,p-Xylene	1.129897751	62.6	RSL	0.259010107	0			0	453.6428571	nc	0			0	453.6428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methyl ethyl ketone	0.147464213	21900	IDEM SL	0.000146791	0			0	21900	nc	0			0	21900		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methyl tert-butyl ether	0.180265849	735.9612864	IDEM SL	0.000244939	0			0	735.9612864	c	0			0	735.9612864		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methyl vinyl ketone	0.147464213	52100	RSL	6.05707E-06	0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methylene chloride	0.173680982	418.5779817	IDEM SL	0.000414931	0			0	418.5779817	c	0			0	418.5779817		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	n-Hexane	0.176237219	891.6428571	IDEM SL	0.000940835	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	o-Xylene	0.217116564	453.6428571	IDEM SL	0.010816514	0			0	453.6428571	nc	0			0	453.6428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Pentane	0.147546012	4469.387755	IDEM SL	0.000198736	0			0	4469.387755	nc	0			0	4469.387755		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Propanal	0.118773006	35.75510204	IDEM SL	0.035875956	0			0	35.75510204	nc	0			0	35.75510204		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Propene	0.08605317	13408.16327	IDEM SL	3.97914E-05	0			0	13408.16327	nc	0			0	13408.16327		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Styrene	0.212985685	4536.428571	IDEM SL	0.000615985	0			0	4536.428571	nc	0			0	4536.428571		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Tetrachloroethene	0.339120654	31.89165574	IDEM SL	0.027221819	0			0	31.89165574	c	0			0	31.89165574		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Toluene	0.188425358	21900	IDEM SL	0.000237468	0			0	21900	nc	0			0	21900		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	trans-1,3-Dichloropropene	0.226932515	47.83748362	IDEM SL	0.004743822	0			0	47.83748362	c	0			0	47.83748362		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Trichloroethene	0.268691207	12.40231057	IDEM SL	0.021664609	0			0	12.40231057	c	0			0	12.40231057		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Trichlorofluoromethane	0.280920245	3128.571429	IDEM SL	0.000389697	0			0	3128.571429	nc	0			0	3128.571429		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Vinyl chloride	0.127811861	16.1	RSL	0.007938625	0			0	21.60402486	c	0			0	21.60402486		0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Isoprene	0.139304703		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methacrolein	0.143333333		NT		0			0	NA	nc	0			0			0
CSS-IA-041-01	723 S. Leeds	Sub Slab	Methyl iodide	0.290265849		NT		0			0	NA	nc	0			0			0
CSS-IA-042-01	723 S. Leeds	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-042-01	723 S. Leeds	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-042-01	723 S. Leeds	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.21253E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-042-01	723 S. Leeds	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-042-01	723 S. Leeds	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-042-01	723 S. Leeds	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-042-01	723 S. Leeds	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.082833852	0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-042-01	723 S. Leeds	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.371583705	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-042-01	723 S. Leeds	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-042-01	723 S. Leeds	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-042-01	723 S. Leeds	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-042-01	723 S. Leeds	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-042-01	723 S. Leeds	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.138280901	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-042-01	723 S. Leeds	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	6.520620187	1			0			0	0.637833115	c	1	0.637833115		1
CSS-IA-042-01	723 S. Leeds	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-042-01	723 S. Leeds	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-042-01	723 S. Leeds	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-042-01	723 S. Leeds	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.077517625	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-042-01	723 S. Leeds	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-042-01	723 S. Leeds	Basement	2-Propanol	1.229038855	3128.571429	IDEM SL	0.003716299	0			0			0	3128.571429	nc	0	3128.571429		0
CSS-IA-042-01	723 S. Leeds	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0

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February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000196409	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-042-01	723 S. Leeds	Basement	Acetone	1.187730061	1407.857143	IDEM SL	0.009887506	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-042-01	723 S. Leeds	Basement	Acetonitrile	3.357873211	26.81632653	IDEM SL	0.227895839	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-042-01	723 S. Leeds	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	329.1495493	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-042-01	723 S. Leeds	Basement	Benzene	0.159734151	2.480462113	IDEM SL	2.150857546	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-042-01	723 S. Leeds	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-042-01	723 S. Leeds	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-042-01	723 S. Leeds	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.033587709	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-042-01	723 S. Leeds	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-042-01	723 S. Leeds	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-042-01	723 S. Leeds	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.398730351	0			0			0	1.095	nc	0	1.095		0
CSS-IA-042-01	723 S. Leeds	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-042-01	723 S. Leeds	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.22848E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-042-01	723 S. Leeds	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-042-01	723 S. Leeds	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.744066776	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-042-01	723 S. Leeds	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.054417906	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-042-01	723 S. Leeds	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-042-01	723 S. Leeds	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-042-01	723 S. Leeds	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000141087	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-042-01	723 S. Leeds	Basement	Isoprene	1.393047035		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.021022721	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-042-01	723 S. Leeds	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.332926942	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-042-01	723 S. Leeds	Basement	m,p-Xylene	1.129897751	6.26	RSL	2.265210346	1			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-042-01	723 S. Leeds	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.002020058	0			0			0	2190	nc	0	2190		0
CSS-IA-042-01	723 S. Leeds	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-042-01	723 S. Leeds	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	0.000537777	0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004531047	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-042-01	723 S. Leeds	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.006720253	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-042-01	723 S. Leeds	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.051593815	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-042-01	723 S. Leeds	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.003565358	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-042-01	723 S. Leeds	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.724162815	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-042-01	723 S. Leeds	Basement	Propene	0.08605317	1340.816327	IDEM SL	6.41797E-05	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-042-01	723 S. Leeds	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.009577816	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-042-01	723 S. Leeds	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	1.50358015	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-042-01	723 S. Leeds	Basement	Toluene	0.188425358	2190	IDEM SL	0.006848703	0			0			0	2190	nc	0	2190		0
CSS-IA-042-01	723 S. Leeds	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-042-01	723 S. Leeds	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.498286002	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-042-01	723 S. Leeds	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.003430049	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-042-01	723 S. Leeds	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-042-01	723 S. Leeds	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-042-01	723 S. Leeds	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Isobutene	1.147443763		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Isoprene	1.393047035		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.82411E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.183177298	0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.802325016	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.360769399	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.242176445	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,3-Butadiene	1.106134969	0.637833115	IDEM SL	14.91418447	1			0			0	0.637833115	c	1	0.637833115		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.145345547	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.030063619	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000347141	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.020078724	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Acetonitrile	3.357873211	26.81632653	IDEM SL	0.508383026	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	990.0201288	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	5.499498037	1			0			0	2.480462113	c	1	2.480462113		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000661839	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.511914615	0			0			0	1.095	nc	0	1.095		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.27299E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.00783865	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	1.003899618	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.143232036	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000261465	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026997599	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.803308974	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	5.523142359	1			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.004497995	0			0			0	2190	nc	0	2190		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.001726548	0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.007012334	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.013361444	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.117737277	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.007592893	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	1.70078606	1			0			0	3.575510204	nc	1	3.575510204		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	6.41797E-05	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.024789642	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	1.729010837	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-043-01	723 S. Leeds	Living Quarters	Toluene	1.884253579	2190	IDEM SL	0.010049352	0			0			0	2190	nc	0	2190		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	1.026902457	1			0			0	1.240231057	c	1	1.240231057		1

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004148384	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-043-01	723 S. Leeds	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-044-01	725 S. Leeds	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-044-01	725 S. Leeds	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.77839E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-044-01	725 S. Leeds	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-044-01	725 S. Leeds	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-044-01	725 S. Leeds	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-044-01	725 S. Leeds	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-044-01	725 S. Leeds	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.096315975	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-044-01	725 S. Leeds	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-044-01	725 S. Leeds	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-044-01	725 S. Leeds	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-044-01	725 S. Leeds	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-044-01	725 S. Leeds	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.130146731	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-044-01	725 S. Leeds	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-044-01	725 S. Leeds	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-044-01	725 S. Leeds	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-044-01	725 S. Leeds	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-044-01	725 S. Leeds	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-044-01	725 S. Leeds	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-044-01	725 S. Leeds	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000165653	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-044-01	725 S. Leeds	Basement	Acetone	0.118773006	1407.857143	IDEM SL	0.006023617	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-044-01	725 S. Leeds	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-044-01	725 S. Leeds	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	44.22947069	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-044-01	725 S. Leeds	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.256299791	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-044-01	725 S. Leeds	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-044-01	725 S. Leeds	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.573319969	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-044-01	725 S. Leeds	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.178171358	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-044-01	725 S. Leeds	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-044-01	725 S. Leeds	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-044-01	725 S. Leeds	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.417690151	0			0			0	1.095	nc	0	1.095		0
CSS-IA-044-01	725 S. Leeds	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-044-01	725 S. Leeds	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.44708E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-044-01	725 S. Leeds	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-044-01	725 S. Leeds	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	1.151531915	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-044-01	725 S. Leeds	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.021510474	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-044-01	725 S. Leeds	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.018122333	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-044-01	725 S. Leeds	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-044-01	725 S. Leeds	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-044-01	725 S. Leeds	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.023124993	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-044-01	725 S. Leeds	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.026821594	0			0			0	453.6428571	nc	0	453.6428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-044-01	725 S. Leeds	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000460573	0			0			0	2190	nc	0	2190		0
CSS-IA-044-01	725 S. Leeds	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-044-01	725 S. Leeds	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	4.98152E-05	0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004746811	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-044-01	725 S. Leeds	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003794966	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-044-01	725 S. Leeds	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005743282	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-044-01	725 S. Leeds	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.002007165	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-044-01	725 S. Leeds	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.37271132	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-044-01	725 S. Leeds	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.000648215	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-044-01	725 S. Leeds	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.000504244	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-044-01	725 S. Leeds	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	1.754531293	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-044-01	725 S. Leeds	Basement	Toluene	0.188425358	2190	IDEM SL	0.000340714	0			0			0	2190	nc	0	2190		0
CSS-IA-044-01	725 S. Leeds	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-044-01	725 S. Leeds	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.236144236	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-044-01	725 S. Leeds	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.0037533	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-044-01	725 S. Leeds	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-044-01	725 S. Leeds	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-044-01	725 S. Leeds	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.98987E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.150112422	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.144566397	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.073939889	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000193364	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Acetone	0.118773006	1407.857143	IDEM SL	0.008132727	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	79.45875839	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.28592238	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.770876051	0			0			0	1.080201243	c	0	1.080201243		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.434351794	0			0			0	1.095	nc	0	1.095		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	5.95054E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	1.618049973	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.023512643	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.020707617	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000134616	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.02495065	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.036193532	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.191324539	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000542722	0			0			0	2190	nc	0	2190		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	6.2269E-05	0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005261325	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.004111213	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.008270326	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.002409918	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.446456341	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.001263056	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.000772798	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	1.941681297	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-045-01	725 S. Leeds	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.00044224	0			0			0	2190	nc	0	2190		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.264741519	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004058592	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-045-01	725 S. Leeds	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1-Propanol	0.516196319		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	2-Pentanone	0.176134969		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	3-Pentanone	0.176134969		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Cyclopentane	0.143353783		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Isobutene	0.114744376		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Isoprene	0.139304703		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1,1-Trichloroethane	0.272822086	9855	IDEM SL	2.76836E-05	0			0	9855	nc	0			0	9855		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1,2,2-Tetrachloroethane	0.343251534	3.348623853	IDEM SL	0.102505253	0			0	3.348623853	c	0			0	3.348623853		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	134081.6327	IDEM SL	4.52118E-06	0			0	134081.6327	nc	0			0	134081.6327		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1,2-Trichloroethane	0.272822086	11.9593709	IDEM SL	0.109499573	0			0	11.9593709	c	0			0	11.9593709		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1-Dichloroethane	0.202372188	152	RSL	0.001331396	0			0	2190	nc	0			0	2190		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,1-Dichloroethene	0.198241309	891.6428571	IDEM SL	0.000270801	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2,3-Trimethylbenzene	0.245807771	73	RSL	0.033133541	0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2,4-Trichlorobenzene	3.859059305	15.64285714	IDEM SL	0.246697855	0			0	15.64285714	nc	0			0	15.64285714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2,4-Trimethylbenzene	0.245807771	26.59285714	IDEM SL	0.219992343	0			0	26.59285714	nc	0			0	26.59285714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2-Dibromoethane (EDB)	0.384171779	0.318916557	IDEM SL	1.204615346	1			0	0.318916557	c	1			0	0.318916557		1
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2-Dichlorobenzene	0.300613497	891.6428571	IDEM SL	0.000337146	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2-Dichloroethane	0.202372188	7.359612864	IDEM SL	0.027497668	0			0	7.359612864	c	0			0	7.359612864		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,2-Dichloropropane	0.231063395	9.848893686	IDEM SL	0.023460848	0			0	9.848893686	c	0			0	9.848893686		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,3,5-Trimethylbenzene	0.245807771	26.59285714	IDEM SL	0.070249656	0			0	26.59285714	nc	0			0	26.59285714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,3-Butadiene	0.110613497	6.378331149	IDEM SL	0.021677594	0			0	6.378331149	c	0			0	6.378331149		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,3-Dichlorobenzene	0.300613497	22.1	RSL	0.013602421	0			0	469.2857143	nc	0			0	469.2857143		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,4-Dichlorobenzene	0.300613497	22.1	RSL	0.04107931	0			0	30.44203503	c	0			0	30.44203503		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1,4-Dioxane	0.180184049	24.85064084	IDEM SL	0.00725068	0			0	24.85064084	c	0			0	24.85064084		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	1-Butanol	0.151574642	40.67142857	IDEM SL	0.176650742	0			0	40.67142857	nc	0			0	40.67142857		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	2-Hexanone	0.204826176	134.0816327	IDEM SL	0.002844434	0			0	134.0816327	nc	0			0	134.0816327		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	3-Hexanone	0.204826176	313	RSL	0.000654397	0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	4-Methyl-2-pentanone	0.204826176	13452.85714	IDEM SL	4.35449E-05	0			0	13452.85714	nc	0			0	13452.85714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Acetone	1.187730061	14078.57143	IDEM SL	0.000544994	0			0	14078.57143	nc	0			0	14078.57143		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Acetonitrile	0.335787321	268.1632653	IDEM SL	0.00185948	0			0	268.1632653	nc	0			0	268.1632653		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Acrolein	0.114642127	0.089164286	IDEM SL	7.40586486	1			0	0.089164286	nc	1			0	0.089164286		1
CSS-IA-046-01	821 S. Brandon	Sub Slab	Benzene	0.159734151	24.80462113	IDEM SL	0.098269719	0			0	24.80462113	c	0			0	24.80462113		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Benzyl chloride	0.258875256	3.905100703	IDEM SL	0.06629157	0			0	3.905100703	c	0			0	3.905100703		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Bromodichloromethane	0.335030675	6.58	RSL	0.050916516	0			0	10.80201243	c	0			0	10.80201243		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Bromoform	0.516830266	171.7243002	IDEM SL	0.003009651	0			0	171.7243002	c	0			0	171.7243002		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Bromomethane	0.194151329	21.9	IDEM SL	0.008865357	0			0	21.9	nc	0			0	21.9		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Carbon disulfide	0.155685072	3128.571429	IDEM SL	0.000379189	0			0	3128.571429	nc	0			0	3128.571429		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Carbon tetrachloride	0.314560327	10.95	IDEM SL	0.033955279	0			0	10.95	nc	0			0	10.95		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Chlorobenzene	0.230184049	265.9285714	IDEM SL	0.001620377	0			0	265.9285714	nc	0			0	265.9285714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Chlorodifluoromethane	0.176830266	223469.3878	IDEM SL	8.07121E-06	0			0	223469.3878	nc	0			0	223469.3878		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Chloroethane	0.13194274	230.9395761	IDEM SL	0.00057133	0			0	230.9395761	c	0			0	230.9395761		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Chloroform	0.244130879	8.268207045	IDEM SL	0.359041746	0			0	8.268207045	c	0			0	8.268207045		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Chloromethane	0.103251534	402.244898	IDEM SL	0.001242371	0			0	402.244898	nc	0			0	402.244898		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	cis-1,2-Dichloroethene	0.198241309	156.4285714	IDEM SL	0.001267296	0			0	156.4285714	nc	0			0	156.4285714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	cis-1,3-Dichloropropene	0.226932515	47.83748362	IDEM SL	0.004743822	0			0	47.83748362	c	0			0	47.83748362		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Cyclohexane	0.172106339	26592.85714	IDEM SL	0.000310651	0			0	26592.85714	nc	0			0	26592.85714		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Dichlorodifluoromethane	0.247259714	893.877551	IDEM SL	0.003247457	0			0	893.877551	nc	0			0	893.877551		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Dichlorotetrafluoroethane	0.247259714	2090	RSL	0.000118306	0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Ethylbenzene	0.217116564	97.3	RSL	0.047752256	0			0	4536.428571	nc	0			0	4536.428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	m,p-Xylene	1.129897751	62.6	RSL	0.355574851	0			0	453.6428571	nc	0			0	453.6428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methyl ethyl ketone	0.147464213	21900	IDEM SL	0.000123762	0			0	21900	nc	0			0	21900		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methyl tert-butyl ether	0.180265849	735.9612864	IDEM SL	0.000244939	0			0	735.9612864	c	0			0	735.9612864		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methyl vinyl ketone	0.147464213	52100	RSL	8.66105E-06	0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methylene chloride	0.173680982	418.5779817	IDEM SL	0.000414931	0			0	418.5779817	c	0			0	418.5779817		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	n-Hexane	0.176237219	891.6428571	IDEM SL	0.015337989	0			0	891.6428571	nc	0			0	891.6428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	o-Xylene	0.217116564	453.6428571	IDEM SL	0.014166762	0			0	453.6428571	nc	0			0	453.6428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Pentane	1.475460123	4469.387755	IDEM SL	0.003063567	0			0	4469.387755	nc	0			0	4469.387755		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Propanal	0.118773006	35.75510204	IDEM SL	0.065772586	0			0	35.75510204	nc	0			0	35.75510204		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Propene	0.08605317	13408.16327	IDEM SL	0.000160449	0			0	13408.16327	nc	0			0	13408.16327		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Styrene	0.212985685	4536.428571	IDEM SL	0.000736177	0			0	4536.428571	nc	0			0	4536.428571		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Tetrachloroethene	0.339120654	31.89165574	IDEM SL	0.020224961	0			0	31.89165574	c	0			0	31.89165574		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Toluene	0.188425358	21900	IDEM SL	0.000486981	0			0	21900	nc	0			0	21900		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	trans-1,3-Dichloropropene	0.226932515	47.83748362	IDEM SL	0.004743822	0			0	47.83748362	c	0			0	47.83748362		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Trichloroethene	0.268691207	12.40231057	IDEM SL	0.61527489	0			0	12.40231057	c	0			0	12.40231057		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Trichlorofluoromethane	0.280920245	3128.571429	IDEM SL	0.00041843	0			0	3128.571429	nc	0			0	3128.571429		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Vinyl chloride	0.127811861	16.1	RSL	0.007938625	0			0	21.60402486	c	0			0	21.60402486		0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methacrolein	0.143333333		NT		0			0	NA	nc	0			0			0
CSS-IA-046-01	821 S. Brandon	Sub Slab	Methyl iodide	0.290265849		NT		0			0	NA	nc	0			0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.2185E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.034278399	0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.176548477	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.643445422	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.142902589	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.061939564	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000211939	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.012705277	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.018657407	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	97.45912437	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-047-01	821 S. Brandon	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.303953521	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000514543	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.528576258	0			0			0	1.095	nc	0	1.095		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	8.35608E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	0.714540317	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.024128694	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000113776	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.048241612	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.041236527	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.200349282	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.001831519	0			0			0	2190	nc	0	2190		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000120575	0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005402402	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.012412702	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.009170107	0			0			0	45.36428571	nc	0	45.36428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.006800591	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.664369555	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.000758604	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001737153	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.00468052	0			0			0	2190	nc	0	2190		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.005172011	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-047-01	821 S. Brandon	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-048-01	821 S. Brandon	Basement	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-048-01	821 S. Brandon	Basement	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.12133E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-048-01	821 S. Brandon	Basement	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-048-01	821 S. Brandon	Basement	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0
CSS-IA-048-01	821 S. Brandon	Basement	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-048-01	821 S. Brandon	Basement	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-048-01	821 S. Brandon	Basement	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.129222393	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-048-01	821 S. Brandon	Basement	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-048-01	821 S. Brandon	Basement	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-048-01	821 S. Brandon	Basement	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.328322151	0			0			0	0.735961286	c	0	0.735961286		0
CSS-IA-048-01	821 S. Brandon	Basement	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-048-01	821 S. Brandon	Basement	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.093173228	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-048-01	821 S. Brandon	Basement	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-048-01	821 S. Brandon	Basement	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-048-01	821 S. Brandon	Basement	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-048-01	821 S. Brandon	Basement	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-048-01	821 S. Brandon	Basement	1-Butanol	0.151574642	4.067142857	IDEM SL	0.042038404	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-048-01	821 S. Brandon	Basement	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-048-01	821 S. Brandon	Basement	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000185446	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-048-01	821 S. Brandon	Basement	Acetone	1.187730061	1407.857143	IDEM SL	0.007137227	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-048-01	821 S. Brandon	Basement	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.013961751	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-048-01	821 S. Brandon	Basement	Acrolein	0.114642127	0.008916429	IDEM SL	57.60117113	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-048-01	821 S. Brandon	Basement	Benzene	0.159734151	2.480462113	IDEM SL	0.255011853	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-048-01	821 S. Brandon	Basement	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-048-01	821 S. Brandon	Basement	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-048-01	821 S. Brandon	Basement	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-048-01	821 S. Brandon	Basement	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-048-01	821 S. Brandon	Basement	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-048-01	821 S. Brandon	Basement	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.481464026	0			0			0	1.095	nc	0	1.095		0
CSS-IA-048-01	821 S. Brandon	Basement	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-048-01	821 S. Brandon	Basement	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	6.93175E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-048-01	821 S. Brandon	Basement	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Chloroform	0.244130879	0.826820704	IDEM SL	0.533838385	0			0			0	0.826820704	c	0	0.826820704		0
CSS-IA-048-01	821 S. Brandon	Basement	Chloromethane	0.103251534	40.2244898	IDEM SL	0.019097605	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-048-01	821 S. Brandon	Basement	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-048-01	821 S. Brandon	Basement	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-048-01	821 S. Brandon	Basement	Cyclohexane	0.172106339	2659.285714	IDEM SL	7.88278E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-048-01	821 S. Brandon	Basement	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.037232345	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-048-01	821 S. Brandon	Basement	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Ethylbenzene	0.217116564	9.73	RSL	0.031641448	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-048-01	821 S. Brandon	Basement	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-048-01	821 S. Brandon	Basement	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000861891	0			0			0	2190	nc	0	2190		0
CSS-IA-048-01	821 S. Brandon	Basement	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-048-01	821 S. Brandon	Basement	Methyl vinyl ketone	0.147464213	5210	RSL	4.92491E-05	0			0			0	NA	nc	0			0
CSS-IA-048-01	821 S. Brandon	Basement	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.004912783	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-048-01	821 S. Brandon	Basement	n-Hexane	0.176237219	89.16428571	IDEM SL	0.007155093	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-048-01	821 S. Brandon	Basement	o-Xylene	0.217116564	45.36428571	IDEM SL	0.00663349	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-048-01	821 S. Brandon	Basement	Pentane	0.147546012	446.9387755	IDEM SL	0.00438407	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-048-01	821 S. Brandon	Basement	Propanal	0.118773006	3.575510204	IDEM SL	0.391313668	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-048-01	821 S. Brandon	Basement	Propene	0.08605317	1340.816327	IDEM SL	0.001089771	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-048-01	821 S. Brandon	Basement	Styrene	0.212985685	453.6428571	IDEM SL	0.001023512	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-048-01	821 S. Brandon	Basement	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574	c	0	3.189165574		0
CSS-IA-048-01	821 S. Brandon	Basement	Toluene	0.188425358	2190	IDEM SL	0.001961689	0			0			0	2190	nc	0	2190		0
CSS-IA-048-01	821 S. Brandon	Basement	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-048-01	821 S. Brandon	Basement	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057	c	0	1.240231057		0
CSS-IA-048-01	821 S. Brandon	Basement	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004579385	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-048-01	821 S. Brandon	Basement	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-048-01	821 S. Brandon	Basement	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1-Propanol	0.516196319		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	2-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	3-Pentanone	0.176134969		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Cyclopentane	0.143353783		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Isobutene	0.114744376		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Isoprene	0.139304703		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methacrolein	0.143333333		NT		0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0	985.5	nc	0			0			0	985.5		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1	0.334862385	c	1			0			0	0.334862385		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.26994E-05	0	13408.16327	nc	0			0			0	13408.16327		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0	1.19593709	c	0			0			0	1.19593709		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0	219	nc	0			0			0	219		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1	1.564285714	nc	1			0			0	1.564285714		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.136062491	0	2.659285714	nc	0			0			0	2.659285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1	0.031891656	c	1			0			0	0.031891656		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0	0.735961286	c	0			0			0	0.735961286		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0	0.984889369	c	0			0			0	0.984889369		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0	2.659285714	nc	0			0			0	2.659285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0	0.637833115	c	0			0			0	0.637833115		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0	46.92857143	nc	0			0			0	46.92857143		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.726369264	0	3.044203503	c	0			0			0	3.044203503		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0	2.485064084	c	0			0			0	2.485064084		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	1-Butanol	0.151574642	4.067142857	IDEM SL	0.05538038	0	4.067142857	nc	0			0			0	4.067142857		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0	13.40816327	nc	0			0			0	13.40816327		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000153777	0	1345.285714	nc	0			0			0	1345.285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Acetone	0.118773006	1407.857143	IDEM SL	0.003037118	0	1407.857143	nc	0			0			0	1407.857143		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0	26.81632653	nc	0			0			0	26.81632653		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Acrolein	0.114642127	0.008916429	IDEM SL	21.13757262	1	0.008916429	nc	1			0			0	0.008916429		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	Benzene	0.159734151	2.480462113	IDEM SL	0.243420405	0	2.480462113	c	0			0			0	2.480462113		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0	0.39051007	c	0			0			0	0.39051007		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Bromodichloromethane	0.335030675	0.658	RSL	1.639511813	1	1.080201243	c	0			0			0	1.080201243		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0	17.17243002	c	0			0			0	17.17243002		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0	2.19	nc	0			0			0	2.19		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000508571	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.563623162	0	1.095	nc	0			0			0	1.095		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0	26.59285714	nc	0			0			0	26.59285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.59248E-05	0	22346.93878	nc	0			0			0	22346.93878		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0	23.09395761	c	0			0			0	23.09395761		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Chloroform	0.244130879	0.826820704	IDEM SL	5.102172179	1	0.826820704	c	1			0			0	0.826820704		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	Chloromethane	0.103251534	40.2244898	IDEM SL	0.02074041	0	40.2244898	nc	0			0			0	40.2244898		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.278805128	0	15.64285714	nc	0			0			0	15.64285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Cyclohexane	0.172106339	2659.285714	IDEM SL	0.000102256	0	2659.285714	nc	0			0			0	2659.285714		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.026831631	0	89.3877551	nc	0			0			0	89.3877551		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Ethylbenzene	0.217116564	9.73	RSL	0.024813322	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000280115	0	2190	nc	0			0			0	2190		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0	73.59612864	c	0			0			0	73.59612864		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0	NA	nc	0			0			0			0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.006381639	0	41.85779817	c	0			0			0	41.85779817		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003142706	0	89.16428571	nc	0			0			0	89.16428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005312536	0	45.36428571	nc	0			0			0	45.36428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Pentane	0.147546012	446.9387755	IDEM SL	0.001327106	0	446.9387755	nc	0			0			0	446.9387755		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Propanal	0.118773006	3.575510204	IDEM SL	0.225221279	0	3.575510204	nc	0			0			0	3.575510204		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Propene	0.08605317	1340.816327	IDEM SL	0.000154031	0	1340.816327	nc	0			0			0	1340.816327		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0	453.6428571	nc	0			0			0	453.6428571		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Tetrachloroethene	3.391206544	3.189165574	IDEM SL	21.47971643	1	3.189165574	c	1			0			0	3.189165574		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	Toluene	0.188425358	2190	IDEM SL	0.000282208	0	2190	nc	0			0			0	2190		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0	4.783748362	c	0			0			0	4.783748362		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Trichloroethene	0.268691207	1.240231057	IDEM SL	4.809543152	1	1.240231057	c	1			0			0	1.240231057		1
CSS-IA-049-01	709 S. Leeds	Crawl Space	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.010236272	0	312.8571429	nc	0			0			0	312.8571429		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Vinyl chloride	0.127811861	1.61	RSL	0.118920601	0	2.160402486	c	0			0			0	2.160402486		0
CSS-IA-049-01	709 S. Leeds	Crawl Space	Methyl iodide	0.290265849		NT		0	NA	nc	0			0			0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1-Propanol	0.516196319		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	2-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	3-Pentanone	0.176134969		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Cyclopentane	0.143353783		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Isobutene	0.114744376		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Isoprene	0.139304703		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methacrolein	0.143333333		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5	nc	0	985.5		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385	c	1	0.334862385		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	4.88127E-05	0			0			0	13408.16327	nc	0	13408.16327		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709	c	0	1.19593709		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219	nc	0	219		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.036298737	0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714	nc	1	1.564285714		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.178397152	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656	c	1	0.031891656		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	1.396881514	1			0			0	0.735961286	c	1	0.735961286		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369	c	0	0.984889369		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.117390872	0			0			0	2.659285714	nc	0	2.659285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.329846266	0			0			0	0.637833115	c	0	0.637833115		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143	nc	0	46.92857143		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.189889793	0			0			0	3.044203503	c	0	3.044203503		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084	c	0	2.485064084		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	1-Butanol	0.151574642	4.067142857	IDEM SL	0.048299443	0			0			0	4.067142857	nc	0	4.067142857		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327	nc	0	13.40816327		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000189405	0			0			0	1345.285714	nc	0	1345.285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Acetone	1.187730061	1407.857143	IDEM SL	0.011895379	0			0			0	1407.857143	nc	0	1407.857143		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.046831343	0			0			0	26.81632653	nc	0	26.81632653		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Acrolein	0.114642127	0.008916429	IDEM SL	115.9737865	1			0			0	0.008916429	nc	1	0.008916429		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	Benzene	0.159734151	2.480462113	IDEM SL	0.468809669	0			0			0	2.480462113	c	0	2.480462113		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007	c	0	0.39051007		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Bromodichloromethane	0.335030675	0.658	RSL	1.446029053	1			0			0	1.080201243	c	0	1.080201243		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002	c	0	17.17243002		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19	nc	0	2.19		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000497624	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.444693504	0			0			0	1.095	nc	0	1.095		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714	nc	0	26.59285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.26014E-05	0			0			0	22346.93878	nc	0	22346.93878		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761	c	0	23.09395761		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Chloroform	0.244130879	0.826820704	IDEM SL	3.767576215	1			0			0	0.826820704	c	1	0.826820704		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	Chloromethane	0.103251534	40.2244898	IDEM SL	0.029570485	0			0			0	40.2244898	nc	0	40.2244898		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.056267944	0			0			0	15.64285714	nc	0	15.64285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Cyclohexane	0.172106339	2659.285714	IDEM SL	8.983E-05	0			0			0	2659.285714	nc	0	2659.285714		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.025227265	0			0			0	89.3877551	nc	0	89.3877551		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Ethylbenzene	0.217116564	9.73	RSL	0.054446497	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	m,p-Xylene	1.129897751	6.26	RSL	0.233740829	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000834957	0			0			0	2190	nc	0	2190		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864	c	0	73.59612864		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methyl vinyl ketone	0.147464213	5210	RSL	0.000199827	0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.006298653	0			0			0	41.85779817	c	0	41.85779817		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	n-Hexane	0.176237219	89.16428571	IDEM SL	0.005020424	0			0			0	89.16428571	nc	0	89.16428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	o-Xylene	0.217116564	45.36428571	IDEM SL	0.009955022	0			0			0	45.36428571	nc	0	45.36428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Pentane	0.147546012	446.9387755	IDEM SL	0.00299094	0			0			0	446.9387755	nc	0	446.9387755		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Propanal	0.118773006	3.575510204	IDEM SL	0.613877469	0			0			0	3.575510204	nc	0	3.575510204		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Propene	0.08605317	1340.816327	IDEM SL	0.001265623	0			0			0	1340.816327	nc	0	1340.816327		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Styrene	0.212985685	453.6428571	IDEM SL	0.001239482	0			0			0	453.6428571	nc	0	453.6428571		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	6.571517205	1			0			0	3.189165574	c	1	3.189165574		1
CSS-IA-050-01	709 S. Leeds	Living Quarters	Toluene	0.188425358	2190	IDEM SL	0.000757143	0			0			0	2190	nc	0	2190		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362	c	0	4.783748362		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.771260073	0			0			0	1.240231057	c	0	1.240231057		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.006141763	0			0			0	312.8571429	nc	0	312.8571429		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486	c	0	2.160402486		0
CSS-IA-050-01	709 S. Leeds	Living Quarters	Methyl iodide	0.290265849		NT		0			0			0	NA	nc	0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	1-Propanol	0.516196319		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	2-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	3-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Cyclopentane	0.143353783		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Isobutene	0.114744376		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Isoprene	0.139304703		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methacrolein	0.143333333		NT		0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5		0	985.5		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385		1	0.334862385		1
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.70434E-05	0			0			0	13408.16327		0	13408.16327		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709		0	1.19593709		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219		0	219		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714		1	1.564285714		1
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.100013326	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656		1	0.031891656		1
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286		0	0.735961286		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369		0	0.984889369		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.092433758	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115		0	0.637833115		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143		0	46.92857143		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503		0	3.044203503		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084		0	2.485064084		0
CSS-IA-051-01	Outside 1021 Park	Ambient	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857		0	4.067142857		0
CSS-IA-051-01	Outside 1021 Park	Ambient	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327		0	13.40816327		0
CSS-IA-051-01	Outside 1021 Park	Ambient	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000160477	0			0			0	1345.285714		0	1345.285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Acetone	0.118773006	1407.857143	IDEM SL	0.005078736	0			0			0	1407.857143		0	1407.857143		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653		0	26.81632653		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Acrolein	0.114642127	0.008916429	IDEM SL	27.51484514	1			0			0	0.008916429		1	0.008916429		1
CSS-IA-051-01	Outside 1021 Park	Ambient	Benzene	0.159734151	2.480462113	IDEM SL	0.28592238	0			0			0	2.480462113		0	2.480462113		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007		0	0.39051007		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243		0	1.080201243		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002		0	17.17243002		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19		0	2.19		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000590181	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.540641585	0			0			0	1.095		0	1.095		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714		0	26.59285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	4.00395E-05	0			0			0	22346.93878		0	22346.93878		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761		0	23.09395761		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704		0	0.826820704		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Chloromethane	0.103251534	40.2244898	IDEM SL	0.030289212	0			0			0	40.2244898		0	40.2244898		0
CSS-IA-051-01	Outside 1021 Park	Ambient	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714		0	15.64285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714		0	2659.285714		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.03075956	0			0			0	89.3877551		0	89.3877551		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Ethylbenzene	0.217116564	9.73	RSL	0.026509196	0			0			0	453.6428571		0	453.6428571		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000510401	0			0			0	2190		0	2190		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864		0	73.59612864		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA		0			0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005385804	0			0			0	41.85779817		0	41.85779817		0
CSS-IA-051-01	Outside 1021 Park	Ambient	n-Hexane	0.176237219	89.16428571	IDEM SL	0.00482277	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005685849	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Pentane	0.147546012	446.9387755	IDEM SL	0.002112805	0			0			0	446.9387755		0	446.9387755		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Propanal	0.118773006	3.575510204	IDEM SL	0.331520408	0			0			0	3.575510204		0	3.575510204		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Propene	0.08605317	1340.816327	IDEM SL	0.000596871	0			0			0	1340.816327		0	1340.816327		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574		0	3.189165574		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Toluene	0.188425358	2190	IDEM SL	0.00030802	0			0			0	2190		0	2190		0
CSS-IA-051-01	Outside 1021 Park	Ambient	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057		0	1.240231057		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004705093	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486		0	2.160402486		0
CSS-IA-051-01	Outside 1021 Park	Ambient	Methyl iodide	0.290265849		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	1-Propanol	0.516196319		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	2-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	3-Pentanone	0.176134969		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Cyclopentane	0.143353783		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Isobutene	0.114744376		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Isoprene	0.139304703		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methacrolein	0.143333333		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1,1-Trichloroethane	0.272822086	985.5	IDEM SL	0.000276836	0			0			0	985.5		0	985.5		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1,2,2-Tetrachloroethane	0.343251534	0.334862385	IDEM SL	1.025052525	1			0			0	0.334862385		1	0.334862385		1
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.383190184	13408.16327	IDEM SL	5.44713E-05	0			0			0	13408.16327		0	13408.16327		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1,2-Trichloroethane	0.272822086	1.19593709	IDEM SL	0.228124111	0			0			0	1.19593709		0	1.19593709		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1-Dichloroethane	0.202372188	15.2	RSL	0.01331396	0			0			0	219		0	219		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,1-Dichloroethene	0.198241309	89.16428571	IDEM SL	0.002223326	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2,3-Trimethylbenzene	0.245807771	7.3	RSL	0.033672297	0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2,4-Trichlorobenzene	3.859059305	1.564285714	IDEM SL	2.466978551	1			0			0	1.564285714		1	1.564285714		1
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2,4-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.121457957	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2-Dibromoethane (EDB)	0.384171779	0.031891656	IDEM SL	12.04615346	1			0			0	0.031891656		1	0.031891656		1
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2-Dichlorobenzene	0.300613497	89.16428571	IDEM SL	0.003371456	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2-Dichloroethane	0.202372188	0.735961286	IDEM SL	0.274976676	0			0			0	0.735961286		0	0.735961286		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,2-Dichloropropane	0.231063395	0.984889369	IDEM SL	0.234608477	0			0			0	0.984889369		0	0.984889369		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,3,5-Trimethylbenzene	0.245807771	2.659285714	IDEM SL	0.140684179	0			0			0	2.659285714		0	2.659285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,3-Butadiene	0.110613497	0.637833115	IDEM SL	0.17342075	0			0			0	0.637833115		0	0.637833115		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,3-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	46.92857143		0	46.92857143		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,4-Dichlorobenzene	0.300613497	2.21	RSL	0.136024207	0			0			0	3.044203503		0	3.044203503		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1,4-Dioxane	0.180184049	2.485064084	IDEM SL	0.072506802	0			0			0	2.485064084		0	2.485064084		0
CSS-IA-052-01	Outside 1021 Park	Ambient	1-Butanol	0.151574642	4.067142857	IDEM SL	0.037268089	0			0			0	4.067142857		0	4.067142857		0
CSS-IA-052-01	Outside 1021 Park	Ambient	2-Hexanone	0.204826176	13.40816327	IDEM SL	0.015276229	0			0			0	13.40816327		0	13.40816327		0
CSS-IA-052-01	Outside 1021 Park	Ambient	3-Hexanone	0.204826176	31.3	RSL	0.006543967	0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	4-Methyl-2-pentanone	0.204826176	1345.285714	IDEM SL	0.000178443	0			0			0	1345.285714		0	1345.285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Acetone	0.118773006	1407.857143	IDEM SL	0.004724406	0			0			0	1407.857143		0	1407.857143		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Acetonitrile	0.335787321	26.81632653	IDEM SL	0.012521749	0			0			0	26.81632653		0	26.81632653		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Acrolein	0.114642127	0.008916429	IDEM SL	18.84895466	1			0			0	0.008916429		1	0.008916429		1
CSS-IA-052-01	Outside 1021 Park	Ambient	Benzene	0.159734151	2.480462113	IDEM SL	0.279482687	0			0			0	2.480462113		0	2.480462113		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Benzyl chloride	0.258875256	0.39051007	IDEM SL	0.662915697	0			0			0	0.39051007		0	0.39051007		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Bromodichloromethane	0.335030675	0.658	RSL	0.509165159	0			0			0	1.080201243		0	1.080201243		0

Attachment 2, Part 2

February 2010 Vapor Intrustion Investigation Analytical Data Set (Electronic)

Offsite Vapor Intrusion Data Evaluation, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

SAMPLENAME	Address	Location	ANALYTE	Reporting Limit [µg/m3]	Min (RSL or IDEM) SL	Min SL	Conc / Min SL Ratio	Exceeds Min SL?	Minimum Crawl Space IDEM SL (µg/m3)	CS SL Basis (c or nc)	Exceeds Minimum CS SL?	Minimum Subslab IDEM SL (µg/m3)	SS SL Basis (c or nc)	Exceeds Minimum SS SL?	Minimum Indoor Air IDEM SL (µg/m3)	IA SL Basis (c or nc)	Exceeds Minimum IA SL?	Minimum IDEM SL (µg/m3)	Conc / Min IDEM SL Ratio	Exceeds Mininum IDEM SL?
CSS-IA-016-01	731 S. Brandon	Living Quarters	1-Propanol	1.229038855		NT		0			0			0	NA	nc	0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Bromoform	0.516830266	17.17243002	IDEM SL	0.030096513	0			0			0	17.17243002		0	17.17243002		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Bromomethane	0.194151329	2.19	IDEM SL	0.088653575	0			0			0	2.19		0	2.19		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Carbon disulfide	0.155685072	312.8571429	IDEM SL	0.000553357	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Carbon tetrachloride	0.314560327	1.095	IDEM SL	0.480889487	0			0			0	1.095		0	1.095		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Chlorobenzene	0.230184049	26.59285714	IDEM SL	0.00865586	0			0			0	26.59285714		0	26.59285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Chlorodifluoromethane	0.176830266	22346.93878	IDEM SL	3.81404E-05	0			0			0	22346.93878		0	22346.93878		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Chloroethane	0.13194274	23.09395761	IDEM SL	0.005713301	0			0			0	23.09395761		0	23.09395761		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Chloroform	0.244130879	0.826820704	IDEM SL	0.295264594	0			0			0	0.826820704		0	0.826820704		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Chloromethane	0.103251534	40.2244898	IDEM SL	0.029211121	0			0			0	40.2244898		0	40.2244898		0
CSS-IA-052-01	Outside 1021 Park	Ambient	cis-1,2-Dichloroethene	0.198241309	15.64285714	IDEM SL	0.01267296	0			0			0	15.64285714		0	15.64285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	cis-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Cyclohexane	0.172106339	2659.285714	IDEM SL	6.4719E-05	0			0			0	2659.285714		0	2659.285714		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Dichlorodifluoromethane	0.247259714	89.3877551	IDEM SL	0.028601965	0			0			0	89.3877551		0	89.3877551		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Dichlorotetrafluoroethane	0.247259714	209	RSL	0.001183061	0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Ethylbenzene	0.217116564	9.73	RSL	0.025081091	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	m,p-Xylene	1.129897751	6.26	RSL	0.180494848	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methyl ethyl ketone	0.147464213	2190	IDEM SL	0.000401318	0			0			0	2190		0	2190		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methyl iodide	0.290265849		NT		0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methyl tert-butyl ether	0.180265849	73.59612864	IDEM SL	0.002449393	0			0			0	73.59612864		0	73.59612864		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methyl vinyl ketone	0.147464213	5210	RSL	2.83041E-05	0			0			0	NA		0			0
CSS-IA-052-01	Outside 1021 Park	Ambient	Methylene chloride	0.173680982	41.85779817	IDEM SL	0.005020665	0			0			0	41.85779817		0	41.85779817		0
CSS-IA-052-01	Outside 1021 Park	Ambient	n-Hexane	0.176237219	89.16428571	IDEM SL	0.003668467	0			0			0	89.16428571		0	89.16428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	o-Xylene	0.217116564	45.36428571	IDEM SL	0.005484834	0			0			0	45.36428571		0	45.36428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Pentane	0.147546012	446.9387755	IDEM SL	0.001340311	0			0			0	446.9387755		0	446.9387755		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Propanal	0.118773006	3.575510204	IDEM SL	0.281692691	0			0			0	3.575510204		0	3.575510204		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Propene	0.08605317	1340.816327	IDEM SL	0.000233614	0			0			0	1340.816327		0	1340.816327		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Styrene	0.212985685	453.6428571	IDEM SL	0.000469501	0			0			0	453.6428571		0	453.6428571		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Tetrachloroethene	0.339120654	3.189165574	IDEM SL	0.10633523	0			0			0	3.189165574		0	3.189165574		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Toluene	0.188425358	2190	IDEM SL	0.000289091	0			0			0	2190		0	2190		0
CSS-IA-052-01	Outside 1021 Park	Ambient	trans-1,3-Dichloropropene	0.226932515	4.783748362	IDEM SL	0.047438222	0			0			0	4.783748362		0	4.783748362		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Trichloroethene	0.268691207	1.240231057	IDEM SL	0.216646088	0			0			0	1.240231057		0	1.240231057		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Trichlorofluoromethane	0.280920245	312.8571429	IDEM SL	0.004417759	0			0			0	312.8571429		0	312.8571429		0
CSS-IA-052-01	Outside 1021 Park	Ambient	Vinyl chloride	0.127811861	1.61	RSL	0.079386249	0			0			0	2.160402486		0	2.160402486		0

Attachment 3

Attachment 3, Table 1
USEPA Regional Screening Levels
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
ALAR	1596-84-5	5.1E-06	C				4.8E-01	
Acephate	30560-19-1							
Acetaldehyde	75-07-0	2.2E-06	I	9.0E-03	I	V	1.1E+00	9.4E+00
Acetochlor	34256-82-1							
Acetone	67-64-1			3.1E+01	A	V		3.2E+04
Acetone Cyanohydrin	75-86-5			6.0E-02	P	V		6.3E+01
Acetonitrile	75-05-8			6.0E-02	I	V		6.3E+01
Acetophenone	98-86-2					V		
Acetylaminofluorene, 2-	53-96-3	1.3E-03	C				1.9E-03	
Acrolein	107-02-8			2.0E-05	I	V		2.1E-02
Acrylamide	79-06-1	1.3E-03	I				1.9E-03	
Acrylic Acid	79-10-7			1.0E-03	I			1.0E+00
Acrylonitrile	107-13-1	6.8E-05	I	2.0E-03	I	V	3.6E-02	2.1E+00
Adiponitrile	111-69-3			6.0E-03	P			6.3E+00
Alachlor	15972-60-8							
Aldicarb	116-06-3							
Aldicarb Sulfone	1646-88-4							
Aldrin	309-00-2	4.9E-03	I				5.0E-04	
Ally	74223-64-6							
Allyl Alcohol	107-18-6			1.0E-04	X			1.0E-01
Allyl Chloride	107-05-1	6.0E-06	C	1.0E-03	I	V	4.1E-01	1.0E+00
Aluminum	7429-90-5			5.0E-03	P			5.2E+00
Aluminum Phosphide	20859-73-8							
Amdro	67485-29-4							
Ametryn	834-12-8							
Aminobiphenyl, 4-	92-67-1	6.0E-03	C				4.1E-04	
Aminophenol, m-	591-27-5							
Aminophenol, p-	123-30-8							
Amitraz	33089-61-1							
Ammonia	7664-41-7			1.0E-01	I			1.0E+02

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Ammonium Perchlorate	7790-98-9							
Ammonium Sulfamate	7773-06-0							
Aniline	62-53-3	1.6E-06	C	1.0E-03	I		1.5E+00	1.0E+00
Antimony (metallic)	7440-36-0							
Antimony Pentoxide	1314-60-9							
Antimony Potassium Tartrate	11071-15-1							
Antimony Tetroxide	1332-81-6							
Antimony Trioxide	1309-64-4			2.0E-04	I			2.1E-01
Apollo	74115-24-5							
Aramite	140-57-8	7.1E-06	I				3.4E-01	
Arsenic, Inorganic	7440-38-2	4.3E-03	I	1.5E-05	C		5.7E-04	1.6E-02
Arsine	7784-42-1			5.0E-05	I			5.2E-02
Assure	76578-14-8							
Asulam	3337-71-1							
Atrazine	1912-24-9							
Auramine	492-80-8	2.5E-04	C				9.7E-03	
Avermectin B1	65195-55-3							
Azobenzene	103-33-3	3.1E-05	I			V	7.9E-02	
Barium	7440-39-3			5.0E-04	H			5.2E-01
Baygon	114-26-1							
Bayleton	43121-43-3							
Baythroid	68359-37-5							
Benefin	1861-40-1							
Benomyl	17804-35-2							
Bentazon	25057-89-0							
Benzaldehyde	100-52-7					V		
Benzene	71-43-2	7.8E-06	I	3.0E-02	I	V	3.1E-01	3.1E+01
Benzenethiol	108-98-5					V		
Benzidine	92-87-5	6.7E-02	I				1.4E-05	
Benzoic Acid	65-85-0							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Benzotrichloride	98-07-7					V		
Benzyl Alcohol	100-51-6							
Benzyl Chloride	100-44-7	4.9E-05	C	1.0E-03	P	V	5.0E-02	1.0E+00
Beryllium and compounds	7440-41-7	2.4E-03	I	2.0E-05	I		1.0E-03	2.1E-02
Bidrin	141-66-2							
Bifenox	42576-02-3							
Biphenthrin	82657-04-3							
Biphenyl, 1,1'-	92-52-4					V		
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.0E-05	H			V	2.4E-01	
Bis(2-chloroethoxy)methane	111-91-1							
Bis(2-chloroethyl)ether	111-44-4	3.3E-04	I			V	7.4E-03	
Bis(2-ethylhexyl)phthalate	117-81-7	2.4E-06	C				1.0E+00	
Bis(chloromethyl)ether	542-88-1	6.2E-02	I			V	3.9E-05	
Bisphenol A	80-05-7							
Boron And Borates Only	7440-42-8			2.0E-02	H			2.1E+01
Boron Trifluoride	7637-07-2			1.3E-02	C			1.4E+01
Bromate	15541-45-4							
Bromo-2-chloroethane, 1-	107-04-0	6.0E-04	X			V	4.1E-03	
Bromobenzene	108-86-1			6.0E-02	I	V		6.3E+01
Bromodichloromethane	75-27-4	3.7E-05	C			V	6.6E-02	
Bromoform	75-25-2	1.1E-06	I				2.2E+00	
Bromomethane	74-83-9			5.0E-03	I	V		5.2E+00
Bromophos	2104-96-3							
Bromoxynil	1689-84-5							
Bromoxynil Octanoate	1689-99-2							
Butadiene, 1,3-	106-99-0	3.0E-05	I	2.0E-03	I	V	8.1E-02	2.1E+00
Butanol, N-	71-36-3							
Butyl Benzyl Phthlate	85-68-7							
Butyl alcohol, sec-	78-92-2			3.0E+01	P			3.1E+04
Butylate	2008-41-5							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Butylated hydroxyanisole	25013-16-5	5.7E-08	C				4.3E+01	
Butylphthalyl Butylglycolate	85-70-1							
Cacodylic Acid	75-60-5							
Cadmium (Water)	7440-43-9	1.8E-03	I	1.0E-05	A		1.4E-03	1.0E-02
Caprolactam	105-60-2							
Captafol	2425-06-1	4.3E-05	C				5.7E-02	
Captan	133-06-2	6.6E-07	C				3.7E+00	
Carbaryl	63-25-2							
Carbofuran	1563-66-2							
Carbon Disulfide	75-15-0			7.0E-01	I	V		7.3E+02
Carbon Tetrachloride	56-23-5	1.5E-05	I	1.9E-01	A	V	1.6E-01	2.0E+02
Carbosulfan	55285-14-8							
Carboxin	5234-68-4							
Ceric oxide	1306-38-3			9.0E-04	I			9.4E-01
Chloral Hydrate	302-17-0							
Chloramben	133-90-4							
Chloranil	118-75-2							
Chlordane	12789-03-6	1.0E-04	I	7.0E-04	I		2.4E-02	7.3E-01
Chlordecone (Kepone)	143-50-0	4.6E-03	C				5.3E-04	
Chlorfenvinphos	470-90-6							
Chlorimuron, Ethyl-	90982-32-4							
Chlorine	7782-50-5			1.5E-04	A			1.5E-01
Chlorine Dioxide	10049-04-4			2.0E-04	I			2.1E-01
Chlorite (Sodium Salt)	7758-19-2							
Chloro-1,1-difluoroethane, 1-	75-68-3			5.0E+01	I	V		5.2E+04
Chloro-1,3-butadiene, 2-	126-99-8			7.0E-03	H	V		7.3E+00
Chloro-2-methylaniline HCl, 4-	3165-93-3							
Chloroacetic Acid	79-11-8							
Chloroacetophenone, 2-	532-27-4			3.0E-05	I			3.1E-02
Chloroaniline, p-	106-47-8							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Chlorobenzene	108-90-7			5.0E-02	P	V		5.2E+01
Chlorobenzilate	510-15-6	3.1E-05	C				7.9E-02	
Chlorobenzoic Acid, p-	74-11-3							
Chlorobenzotrifluoride, 4-	98-56-6			3.0E-01	P	V		3.1E+02
Chlorobutane, 1-	109-69-3					V		
Chlorodifluoromethane	75-45-6			5.0E+01	I	V		5.2E+04
Chloroform	67-66-3	2.3E-05	I	9.8E-02	A	V	1.1E-01	1.0E+02
Chloromethane	74-87-3			9.0E-02	I	V		9.4E+01
Chloromethyl Methyl Ether	107-30-2	6.9E-04	C			V	3.5E-03	
Chloronaphthalene, Beta-	91-58-7					V		
Chloronitrobenzene, o-	88-73-3			1.0E-05	X			1.0E-02
Chloronitrobenzene, p-	100-00-5			6.0E-04	P			6.3E-01
Chlorophenol, 2-	95-57-8					V		
Chloropicrin	76-06-2			4.0E-04	C			4.2E-01
Chlorothalonil	1897-45-6	8.9E-07	C				2.7E+00	
Chlorotoluene, o-	95-49-8					V		
Chlorotoluene, p-	106-43-4					V		
Chlorozotocin	54749-90-5	6.9E-02	C				3.5E-05	
Chlorpropham	101-21-3							
Chlorpyrifos	2921-88-2							
Chlorpyrifos Methyl	5598-13-0							
Chlorsulfuron	64902-72-3							
Chlorthiophos	60238-56-4							
Chromium(III), Insoluble Salts	16065-83-1							
Chromium(VI)	18540-29-9	8.4E-02	I	1.0E-04	I		1.1E-05	1.0E-01
Chromium, Total	7440-47-3							
Cobalt	7440-48-4	9.0E-03	P	6.0E-06	P		2.7E-04	6.3E-03
Coke Oven Emissions	8007-45-2	6.2E-04	I				1.6E-03	
Copper	7440-50-8							
Cresol, m-	108-39-4			6.0E-01	C			6.3E+02

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Cresol, o-	95-48-7			6.0E-01	C			6.3E+02
Cresol, p-	106-44-5			6.0E-01	C			6.3E+02
Cresol, p-chloro-m-	59-50-7							
Cresols	1319-77-3			6.0E-01	C	V		6.3E+02
Crotonaldehyde, trans-	123-73-9					V		
Cumene	98-82-8			4.0E-01	I	V		4.2E+02
Cupferron	135-20-6	6.3E-05	C				3.9E-02	
Cyanazine	21725-46-2							
Cyanides								
~Calcium Cyanide	592-01-8							
~Copper Cyanide	544-92-3							
~Cyanide (CN-)	57-12-5					V		
~Cyanogen	460-19-5					V		
~Cyanogen Bromide	506-68-3					V		
~Cyanogen Chloride	506-77-4					V		
~Hydrogen Cyanide	74-90-8			3.0E-03	I	V		3.1E+00
~Potassium Cyanide	151-50-8							
~Potassium Silver Cyanide	506-61-6							
~Silver Cyanide	506-64-9							
~Sodium Cyanide	143-33-9							
~Thiocyanate	463-56-9					V		
~Zinc Cyanide	557-21-1							
Cyclohexane	110-82-7			6.0E+00	I	V		6.3E+03
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3							
Cyclohexanone	108-94-1							
Cyclohexylamine	108-91-8							
Cyhalothrin/karate	68085-85-8							
Cypermethrin	52315-07-8							
Cyromazine	66215-27-8							
DDD	72-54-8	6.9E-05	C				3.5E-02	

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
DDE, p,p'-	72-55-9	9.7E-05	C				2.5E-02	
DDT	50-29-3	9.7E-05	I				2.5E-02	
Dacthal	1861-32-1							
Dalapon	75-99-0							
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (I	1163-19-5							
Demeton	8065-48-3							
Di(2-ethylhexyl)adipate	103-23-1							
Diallate	2303-16-4							
Diazinon	333-41-5							
Dibromo-3-chloropropane, 1,2-	96-12-8	6.0E-03	P	2.0E-04	I	V	1.6E-04	2.1E-01
Dibromobenzene, 1,4-	106-37-6							
Dibromochloromethane	124-48-1	2.7E-05	C			V	9.0E-02	
Dibromoethane, 1,2-	106-93-4	6.0E-04	I	9.0E-03	I	V	4.1E-03	9.4E+00
Dibromomethane (Methylene Bromide)	74-95-3			4.0E-03	X	V		4.2E+00
Dibutyl Phthalate	84-74-2							
Dibutyltin Compounds	NA							
Dicamba	1918-00-9							
Dichloro-2-butene, 1,4-	764-41-0	4.2E-03	P			V	5.8E-04	
Dichloro-2-butene, cis-1,4-	1476-11-5	4.2E-03	P			V	5.8E-04	
Dichloro-2-butene, trans-1,4-	110-57-6	4.2E-03	P			V	5.8E-04	
Dichloroacetic Acid	79-43-6							
Dichlorobenzene, 1,2-	95-50-1			2.0E-01	H	V		2.1E+02
Dichlorobenzene, 1,4-	106-46-7	1.1E-05	C	8.0E-01	I	V	2.2E-01	8.3E+02
Dichlorobenzidine, 3,3'-	91-94-1	3.4E-04	C				7.2E-03	
Dichlorobenzophenone, 4,4'-	90-98-2							
Dichlorodifluoromethane	75-71-8			2.0E-01	H	V		2.1E+02
Dichloroethane, 1,1-	75-34-3	1.6E-06	C			V	1.5E+00	
Dichloroethane, 1,2-	107-06-2	2.6E-05	I	2.4E+00	A	V	9.4E-02	2.5E+03
Dichloroethylene, 1,1-	75-35-4			2.0E-01	I	V		2.1E+02
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					V		

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Dichloroethylene, 1,2-cis-	156-59-2					V		
Dichloroethylene, 1,2-trans-	156-60-5			6.0E-02	P	V		6.3E+01
Dichlorophenol, 2,4-	120-83-2							
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7							
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6							
Dichloropropane, 1,2-	78-87-5	1.0E-05	C	4.0E-03	I	V	2.4E-01	4.2E+00
Dichloropropane, 1,3-	142-28-9					V		
Dichloropropanol, 2,3-	616-23-9							
Dichloropropene, 1,3-	542-75-6	4.0E-06	I	2.0E-02	I	V	6.1E-01	2.1E+01
Dichlorvos	62-73-7	8.3E-05	C	5.0E-04	I		2.9E-02	5.2E-01
Dicyclopentadiene	77-73-6			7.0E-03	P	V		7.3E+00
Dieldrin	60-57-1	4.6E-03	I				5.3E-04	
Diesel Engine Exhaust	NA	3.0E-04	C	5.0E-03	I		8.1E-03	5.2E+00
Diethanolamine	111-42-2			3.0E-03	C			3.1E+00
Diethyl Phthalate	84-66-2							
Diethylene Glycol Monobutyl Ether	112-34-5			1.0E-04	P			1.0E-01
Diethylene Glycol Monoethyl Ether	111-90-0			3.0E-04	P			3.1E-01
Diethylformamide	617-84-5							
Diethylstilbestrol	56-53-1	1.0E-01	C				2.4E-05	
Difenzoquat	43222-48-6							
Diflubenzuron	35367-38-5							
Difluoroethane, 1,1-	75-37-6			4.0E+01	I	V		4.2E+04
Dihydrosafrole	94-58-6	1.3E-05	C				1.9E-01	
Diisopropyl Ether	108-20-3			4.0E-01	P	V		4.2E+02
Diisopropyl Methylphosphonate	1445-75-6					V		
Dimethipin	55290-64-7							
Dimethoate	60-51-5							
Dimethoxybenzidine, 3,3'-	119-90-4							
Dimethyl methylphosphonate	756-79-6							
Dimethylamino azobenzene [p-]	60-11-7	1.3E-03	C				1.9E-03	

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Dimethylaniline HCl, 2,4-	21436-96-4							
Dimethylaniline, 2,4-	95-68-1							
Dimethylaniline, N,N-	121-69-7					V		
Dimethylbenzidine, 3,3'-	119-93-7							
Dimethylformamide	68-12-2			3.0E-02	I			3.1E+01
Dimethylhydrazine, 1,1-	57-14-7			2.0E-06	X			2.1E-03
Dimethylhydrazine, 1,2-	540-73-8	1.6E-01	C				1.5E-05	
Dimethylphenol, 2,4-	105-67-9							
Dimethylphenol, 2,6-	576-26-1							
Dimethylphenol, 3,4-	95-65-8							
Dimethylterephthalate	120-61-6					V		
Dimethylvinylchloride	513-37-1	1.3E-05	C				1.9E-01	
Dinitro-o-cresol, 4,6-	534-52-1							
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5							
Dinitrobenzene, 1,2-	528-29-0							
Dinitrobenzene, 1,3-	99-65-0							
Dinitrobenzene, 1,4-	100-25-4							
Dinitrophenol, 2,4-	51-28-5							
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6							
Dinitrotoluene, 2,4-	121-14-2	8.9E-05	C				2.7E-02	
Dinitrotoluene, 2,6-	606-20-2							
Dinitrotoluene, 2-Amino-4,6-	35572-78-2							
Dinitrotoluene, 4-Amino-2,6-	19406-51-0							
Dinoseb	88-85-7							
Dioxane, 1,4-	123-91-1	7.7E-06	C	3.6E+00	A		3.2E-01	3.8E+03
Dioxins								
~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.3E+00	I				1.9E-06	
~TCDD, 2,3,7,8-	1746-01-6	3.8E+01	C	4.0E-08	C		6.4E-08	4.2E-05
Diphenamid	957-51-7							
Diphenyl Sulfone	127-63-9							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Diphenylamine	122-39-4							
Diphenylhydrazine, 1,2-	122-66-7	2.2E-04	I				1.1E-02	
Diquat	85-00-7							
Direct Black 38	1937-37-7	2.1E-03	C				1.2E-03	
Direct Blue 6	2602-46-2	2.1E-03	C				1.2E-03	
Direct Brown 95	16071-86-6	1.9E-03	C				1.3E-03	
Disulfoton	298-04-4							
Dithiane, 1,4-	505-29-3							
Diuron	330-54-1							
Dodine	2439-10-3							
EPTC	759-94-4					V		
Endosulfan	115-29-7							
Endothall	145-73-3							
Endrin	72-20-8							
Epichlorohydrin	106-89-8	1.2E-06	I	1.0E-03	I	V	2.0E+00	1.0E+00
Epoxybutane, 1,2-	106-88-7			2.0E-02	I	V		2.1E+01
Ethephon	16672-87-0							
Ethion	563-12-2							
Ethoxyethanol Acetate, 2-	111-15-9			3.0E-01	C			3.1E+02
Ethoxyethanol, 2-	110-80-5			2.0E-01	I			2.1E+02
Ethyl Acetate	141-78-6					V		
Ethyl Acrylate	140-88-5					V		
Ethyl Chloride	75-00-3			1.0E+01	I	V		1.0E+04
Ethyl Ether	60-29-7					V		
Ethyl Methacrylate	97-63-2					V		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5							
Ethylbenzene	100-41-4	2.5E-06	C	1.0E+00	I	V	9.7E-01	1.0E+03
Ethylene Cyanohydrin	109-78-4							
Ethylene Diamine	107-15-3							
Ethylene Glycol	107-21-1			4.0E-01	C			4.2E+02

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Ethylene Glycol Monobutyl Ether	111-76-2			1.3E+01	I			1.4E+04
Ethylene Oxide	75-21-8	8.8E-05	C	3.0E-02	C	V	2.8E-02	3.1E+01
Ethylene Thiourea	96-45-7	1.3E-05	C				1.9E-01	
Ethyleneimine	151-56-4	1.9E-02	C				1.3E-04	
Ethylphthalyl Ethyl Glycolate	84-72-0							
Express	101200-48-0							
Fenamiphos	22224-92-6							
Fenpropathrin	39515-41-8							
Fluometuron	2164-17-2							
Fluoride	16984-48-8			1.3E-02	C			1.4E+01
Fluorine (Soluble Fluoride)	7782-41-4			1.3E-02	C			1.4E+01
Fluridone	59756-60-4							
Flurprimidol	56425-91-3							
Flutolanil	66332-96-5							
Fluvalinate	69409-94-5							
Folpet	133-07-3							
Fomesafen	72178-02-0							
Fonofos	944-22-9							
Formaldehyde	50-00-0	1.3E-05	I	9.8E-03	A		1.9E-01	1.0E+01
Formic Acid	64-18-6			3.0E-03	P			3.1E+00
Fosetyl-AL	39148-24-8							
Furans								
~Dibenzofuran	132-64-9					V		
~Furan	110-00-9					V		
Furazolidone	67-45-8							
Furfural	98-01-1			5.0E-02	H			5.2E+01
Furium	531-82-8	4.3E-04	C				5.7E-03	
Furmecyclox	60568-05-0	8.6E-06	C				2.8E-01	
Glufosinate, Ammonium	77182-82-2							
Glutaraldehyde	111-30-8			8.0E-05	C			8.3E-02

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Glycidyl	765-34-4			1.0E-03	H			1.0E+00
Glyphosate	1071-83-6							
Goal	42874-03-3							
Guthion	86-50-0			1.0E-02	A			1.0E+01
Haloxyfop, Methyl	69806-40-2							
Harmony	79277-27-3							
Heptachlor	76-44-8	1.3E-03	I				1.9E-03	
Heptachlor Epoxide	1024-57-3	2.6E-03	I				9.4E-04	
Hexabromobenzene	87-82-1							
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2							
Hexachlorobenzene	118-74-1	4.6E-04	I				5.3E-03	
Hexachlorobutadiene	87-68-3	2.2E-05	I				1.1E-01	
Hexachlorocyclohexane, Alpha-	319-84-6	1.8E-03	I				1.4E-03	
Hexachlorocyclohexane, Beta-	319-85-7	5.3E-04	I				4.6E-03	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.1E-04	C				7.9E-03	
Hexachlorocyclohexane, Technical	608-73-1	5.1E-04	I				4.8E-03	
Hexachlorocyclopentadiene	77-47-4			2.0E-04	I			2.1E-01
Hexachloroethane	67-72-1	4.0E-06	I				6.1E-01	
Hexachlorophene	70-30-4							
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4							
Hexamethylene Diisocyanate, 1,6-	822-06-0			1.0E-05	I	V		1.0E-02
Hexane, N-	110-54-3			7.0E-01	I	V		7.3E+02
Hexanedioic Acid	124-04-9							
Hexanone, 2-	591-78-6			3.0E-02	I	V		3.1E+01
Hexazinone	51235-04-2							
Hydrazine	302-01-2	4.9E-03	I	3.0E-05	P		5.0E-04	3.1E-02
Hydrazine Sulfate	10034-93-2	4.9E-03	I				5.0E-04	
Hydrogen Chloride	7647-01-0			2.0E-02	I			2.1E+01
Hydrogen Fluoride	7664-39-3			1.4E-02	C			1.5E+01
Hydrogen Sulfide	7783-06-4			2.0E-03	I			2.1E+00

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Hydroquinone	123-31-9							
Imazalil	35554-44-0							
Imazaquin	81335-37-7							
Iodine	7553-56-2							
Iprodione	36734-19-7							
Iron	7439-89-6							
Isobutyl Alcohol	78-83-1					V		
Isophorone	78-59-1			2.0E+00	C			2.1E+03
Isopropalin	33820-53-0							
Isopropanol	67-63-0			7.0E+00	C			7.3E+03
Isopropyl Methyl Phosphonic Acid	1832-54-8							
Isoxaben	82558-50-7							
JP-7	NA			3.0E-01	A	V		3.1E+02
Kerb	23950-58-5							
Lactofen	77501-63-4							
Lead Compounds								
~Lead and Compounds	7439-92-1							
~Tetraethyl Lead	78-00-2							
Lead acetate	301-04-2	8.0E-05	C				3.0E-02	
Lead subacetate	1335-32-6	1.1E-05	C				2.2E-01	
Linuron	330-55-2							
Lithium	7439-93-2							
Lithium Perchlorate	7791-03-9							
Londax	83055-99-6							
MCPA	94-74-6							
MCPB	94-81-5							
MCPP	93-65-2							
Malathion	121-75-5							
Maleic Anhydride	108-31-6			7.0E-04	C			7.3E-01
Maleic Hydrazide	123-33-1							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Malononitrile	109-77-3							
Mancozeb	8018-01-7							
Maneb	12427-38-2							
Manganese (Water)	7439-96-5			5.0E-05	I			5.2E-02
Mephosfolan	950-10-7							
Mepiquat Chloride	24307-26-4							
Mercury Compounds								
~Mercuric Chloride	7487-94-7			3.0E-05	C			3.1E-02
~Mercuric Sulfide	1344-48-5							
~Mercury (elemental)	7439-97-6			3.0E-04	I	V		3.1E-01
~Mercury, Inorganic Salts	NA							
~Methyl Mercury	22967-92-6							
~Phenylmercuric Acetate	62-38-4							
Merphos	150-50-5							
Merphos Oxide	78-48-8							
Metalaxyl	57837-19-1							
Methacrylonitrile	126-98-7			7.0E-04	H	V		7.3E-01
Methamidophos	10265-92-6							
Methanol	67-56-1			4.0E+00	C			4.2E+03
Methidathion	950-37-8							
Methomyl	16752-77-5							
Methoxy-5-nitroaniline, 2-	99-59-2	1.4E-05	C				1.7E-01	
Methoxychlor	72-43-5							
Methoxyethanol Acetate, 2-	110-49-6			9.0E-02	C			9.4E+01
Methoxyethanol, 2-	109-86-4			2.0E-02	I			2.1E+01
Methyl Acetate	79-20-9					V		
Methyl Acrylate	96-33-3					V		
Methyl Ethyl Ketone (2-Butanone)	78-93-3			5.0E+00	I	V		5.2E+03
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			3.0E+00	I	V		3.1E+03
Methyl Isocyanate	624-83-9			1.0E-03	C			1.0E+00

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Methyl Methacrylate	80-62-6			7.0E-01	I	V		7.3E+02
Methyl Parathion	298-00-0							
Methyl Phosphonic Acid	993-13-5							
Methyl Styrene (Mixed Isomers)	25013-15-4			4.0E-02	H	V		4.2E+01
Methyl methanesulfonate	66-27-3	2.8E-05	C				8.7E-02	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.6E-07	C	3.0E+00	I	V	9.4E+00	3.1E+03
Methyl-5-Nitroaniline, 2-	99-55-8							
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	2.4E-03	C				1.0E-03	
Methylaniline Hydrochloride, 2-	636-21-5	3.7E-05	C				6.6E-02	
Methylarsonic acid	124-58-3							
Methylcholanthrene, 3-	56-49-5	6.3E-03	C				3.9E-04	
Methylene Chloride	75-09-2	4.7E-07	I	1.0E+00	A	V	5.2E+00	1.1E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	4.3E-04	C				2.2E-03	
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.3E-05	C				1.9E-01	
Methylenebisbenzenamine, 4,4'-	101-77-9	4.6E-04	C	2.0E-02	C		5.3E-03	2.1E+01
Methylenediphenyl Diisocyanate	101-68-8			6.0E-04	I			6.3E-01
Methylstyrene, Alpha-	98-83-9					V		
Metolachlor	51218-45-2							
Metribuzin	21087-64-9							
Mineral oils	8012-95-1							
Mirex	2385-85-5	5.1E-03	C				4.8E-04	
Molinate	2212-67-1							
Molybdenum	7439-98-7							
Monochloramine	10599-90-3							
Monomethylaniline	100-61-8							
N,N'-Diphenyl-1,4-benzenediamine	74-31-7							
Naled	300-76-5							
Naphtha, High Flash Aromatic (HFAN)	64724-95-6			1.0E-01	P	V		1.0E+02
Naphthylamine, 2-	91-59-8	0.0E+00	C					
Napropamide	15299-99-7							

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Nickel Carbonyl	13463-39-3			5.0E-05	C			5.2E-02
Nickel Oxide	1313-99-1			1.0E-04	C			1.0E-01
Nickel Refinery Dust	NA	2.4E-04	I	5.0E-05	C		1.0E-02	5.2E-02
Nickel Soluble Salts	7440-02-0	2.6E-04	C	9.0E-05	A		9.4E-03	9.4E-02
Nickel Subsulfide	12035-72-2	4.8E-04	I	5.0E-05	C		5.1E-03	5.2E-02
Nitrate	14797-55-8							
Nitrite	14797-65-0							
Nitroaniline, 2-	88-74-4			5.0E-05	X			5.2E-02
Nitroaniline, 4-	100-01-6			6.0E-03	P			6.3E+00
Nitrobenzene	98-95-3	4.0E-05	I	9.0E-03	I	V	6.1E-02	9.4E+00
Nitrocellulose	9004-70-0							
Nitrofurantoin	67-20-9							
Nitrofurazone	59-87-0	3.7E-04	C				6.6E-03	
Nitroglycerin	55-63-0							
Nitroguanidine	556-88-7							
Nitromethane	75-52-5	9.0E-06	P	2.0E-02	P	V	2.7E-01	2.1E+01
Nitropropane, 2-	79-46-9	2.7E-03	H	2.0E-02	I	V	9.0E-04	2.1E+01
Nitroso-N-ethylurea, N-	759-73-9	7.7E-03	C				3.2E-04	
Nitroso-N-methylurea, N-	684-93-5	3.4E-02	C				7.2E-05	
Nitroso-di-N-butylamine, N-	924-16-3	1.6E-03	I			V	1.5E-03	
Nitroso-di-N-propylamine, N-	621-64-7	2.0E-03	C				1.2E-03	
Nitrosodiethanolamine, N-	1116-54-7	8.0E-04	C				3.0E-03	
Nitrosodiethylamine, N-	55-18-5	4.3E-02	I				2.2E-05	
Nitrosodimethylamine, N-	62-75-9	1.4E-02	I	4.0E-05	X		6.9E-05	4.2E-02
Nitrosodiphenylamine, N-	86-30-6	2.6E-06	C				9.4E-01	
Nitrosomethylethylamine, N-	10595-95-6	6.3E-03	C				3.9E-04	
Nitrosomorpholine [N-]	59-89-2	1.9E-03	C				1.3E-03	
Nitrosopiperidine [N-]	100-75-4	2.7E-03	C				9.0E-04	
Nitrosopyrrolidine, N-	930-55-2	6.1E-04	I				4.0E-03	
Nitrotoluene, m-	99-08-1							

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Nitrotoluene, o-	88-72-2					V		
Nitrotoluene, p-	99-99-0							
Nonane, n-	111-84-2			2.0E-01	P	V		2.1E+02
Norflurazon	27314-13-2							
Nustar	85509-19-9							
Octabromodiphenyl Ether	32536-52-0							
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0							
Octamethylpyrophosphoramide	152-16-9							
Oryzalin	19044-88-3							
Oxadiazon	19666-30-9							
Oxamyl	23135-22-0							
Paclobutrazol	76738-62-0							
Paraquat Dichloride	1910-42-5							
Parathion	56-38-2							
Pebulate	1114-71-2							
Pendimethalin	40487-42-1							
Pentabromodiphenyl Ether	32534-81-9							
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9							
Pentachlorobenzene	608-93-5							
Pentachloroethane	76-01-7							
Pentachloronitrobenzene	82-68-8							
Pentachlorophenol	87-86-5	5.1E-06	C				4.8E-01	
Pentane, n-	109-66-0			1.0E+00	P	V		1.0E+03
Perchlorate and Perchlorate Salts	14797-73-0							
Permethrin	52645-53-1							
Phenacetin	62-44-2	6.3E-07	C				3.9E+00	
Phenmedipham	13684-63-4							
Phenol	108-95-2			2.0E-01	C			2.1E+02
Phenylenediamine, m-	108-45-2							
Phenylenediamine, o-	95-54-5							

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Phenylenediamine, p-	106-50-3							
Phenylphenol, 2-	90-43-7							
Phorate	298-02-2							
Phosgene	75-44-5			3.0E-04	I	V		3.1E-01
Phosmet	732-11-6							
Phosphine	7803-51-2			3.0E-04	I			3.1E-01
Phosphoric Acid	7664-38-2			1.0E-02	I			1.0E+01
Phosphorus, White	7723-14-0							
Phthalic Acid, P-	100-21-0							
Phthalic Anhydride	85-44-9			2.0E-02	C			2.1E+01
Picloram	1918-02-1							
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3							
Pirimiphos, Methyl	29232-93-7							
Polybrominated Biphenyls	59536-65-1	8.6E-03	C				2.8E-04	
Polychlorinated Biphenyls (PCBs)								
~Aroclor 1016	12674-11-2	2.0E-05	I				1.2E-01	
~Aroclor 1221	11104-28-2	5.7E-04	I			V	4.3E-03	
~Aroclor 1232	11141-16-5	5.7E-04	I			V	4.3E-03	
~Aroclor 1242	53469-21-9	5.7E-04	I				4.3E-03	
~Aroclor 1248	12672-29-6	5.7E-04	I				4.3E-03	
~Aroclor 1254	11097-69-1	5.7E-04	I				4.3E-03	
~Aroclor 1260	11096-82-5	5.7E-04	I				4.3E-03	
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	3.8E-03	C				6.4E-04	
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.8E-04	C				6.4E-03	
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.9E-02	C				1.3E-04	
~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.9E-02	C				1.3E-04	
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.8E-01	C				6.4E-06	
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.8E-03	C				6.4E-04	
~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.8E-03	C				6.4E-04	
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.8E-03	C				6.4E-04	

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.9E-02	C				1.3E-04	
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.8E+00	C				6.4E-07	
~Polychlorinated Biphenyls (high risk)	1336-36-3	5.7E-04	C				4.3E-03	
~Polychlorinated Biphenyls (low risk)	1336-36-3	1.0E-04	I				2.4E-02	
~Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.0E-05	C				1.2E-01	
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-03	C				6.4E-04	
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	3.8E-03	C				6.4E-04	
Polymeric Methylene Diphenyl Diisocyanate (PMDI	9016-87-9			6.0E-04	I			6.3E-01
Polynuclear Aromatic Hydrocarbons (PAHs)								
~Acenaphthene	83-32-9					V		
~Anthracene	120-12-7					V		
~Benz[a]anthracene	56-55-3	1.1E-04	C				8.7E-03	
~Benzo(j)fluoranthene	205-82-3	1.1E-04	C				2.2E-02	
~Benzo[a]pyrene	50-32-8	1.1E-03	C				8.7E-04	
~Benzo[b]fluoranthene	205-99-2	1.1E-04	C				8.7E-03	
~Benzo[k]fluoranthene	207-08-9	1.1E-04	C				8.7E-03	
~Chrysene	218-01-9	1.1E-05	C				8.7E-02	
~Dibenz[a,h]anthracene	53-70-3	1.2E-03	C				8.0E-04	
~Dibenzo(a,e)pyrene	192-65-4	1.1E-03	C				2.2E-03	
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	7.1E-02	C				3.4E-05	
~Fluoranthene	206-44-0							
~Fluorene	86-73-7					V		
~Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-04	C				8.7E-03	
~Methylnaphthalene, 1-	90-12-0					V		
~Methylnaphthalene, 2-	91-57-6					V		
~Naphthalene	91-20-3	3.4E-05	C	3.0E-03	I	V	7.2E-02	3.1E+00
~Nitropyrene, 4-	57835-92-4	1.1E-04	C				2.2E-02	
~Pyrene	129-00-0					V		
Potassium Perchlorate	7778-74-7							
Prochloraz	67747-09-5							

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Profluralin	26399-36-0							
Prometon	1610-18-0							
Prometryn	7287-19-6							
Propachlor	1918-16-7							
Propanil	709-98-8							
Propargite	2312-35-8							
Propargyl Alcohol	107-19-7							
Propazine	139-40-2							
Propham	122-42-9							
Propiconazole	60207-90-1							
Propionaldehyde	123-38-6			8.0E-03	I	V		8.3E+00
Propyl benzene	103-65-1			1.0E+00	X	V		1.0E+03
Propylene	115-07-1			3.0E+00	C			3.1E+03
Propylene Glycol	57-55-6							
Propylene Glycol Dinitrate	6423-43-4			2.7E-04	A	V		2.8E-01
Propylene Glycol Monoethyl Ether	1569-02-4							
Propylene Glycol Monomethyl Ether	107-98-2			2.0E+00	I			2.1E+03
Propylene Oxide	75-56-9	3.7E-06	I	3.0E-02	I	V	6.6E-01	3.1E+01
Pursuit	81335-77-5							
Pydrin	51630-58-1							
Pyridine	110-86-1					V		
Quinalphos	13593-03-8							
Quinoline	91-22-5							
Refractory Ceramic Fibers	NA			3.0E-02	A			3.1E+01
Resmethrin	10453-86-8							
Ronnel	299-84-3							
Rotenone	83-79-4							
Safrole	94-59-7	6.3E-05	C				3.9E-02	
Savey	78587-05-0							
Selenious Acid	7783-00-8							

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		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Selenium	7782-49-2			2.0E-02	C			2.1E+01
Selenium Sulfide	7446-34-6			2.0E-02	C			2.1E+01
Sethoxydim	74051-80-2							
Silica (crystalline, respirable)	7631-86-9			3.0E-03	C			3.1E+00
Silver	7440-22-4							
Simazine	122-34-9							
Sodium Acifluorfen	62476-59-9							
Sodium Azide	26628-22-8							
Sodium Diethyldithiocarbamate	148-18-5							
Sodium Fluoride	7681-49-4			1.3E-02	C			1.4E+01
Sodium Fluoroacetate	62-74-8							
Sodium Metavanadate	13718-26-8							
Sodium Perchlorate	7601-89-0							
Stirofos (Tetrachlorovinphos)	961-11-5							
Strontium, Stable	7440-24-6							
Strychnine	57-24-9							
Styrene	100-42-5			1.0E+00	I	V		1.0E+03
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9							
Sulfuric Acid	7664-93-9			1.0E-03	C			1.0E+00
Systhane	88671-89-0							
TCMTB	21564-17-0							
Tebuthiuron	34014-18-1							
Temephos	3383-96-8							
Terbacil	5902-51-2							
Terbufos	13071-79-9							
Terbutryn	886-50-0							
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1							
Tetrachlorobenzene, 1,2,4,5-	95-94-3							
Tetrachloroethane, 1,1,1,2-	630-20-6	7.4E-06	I			V	3.3E-01	
Tetrachloroethane, 1,1,2,2-	79-34-5	5.8E-05	I			V	4.2E-02	

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Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Tetrachloroethylene	127-18-4	5.9E-06	C	2.7E-01	A	V	4.1E-01	2.8E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2							
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1							
Tetraethyl Dithiopyrophosphate	3689-24-5							
Tetrafluoroethane, 1,1,1,2-	811-97-2			8.0E+01	I	V		8.3E+04
Tetryl (Trinitrophenylmethylnitramine)	479-45-8							
Thallium (Soluble Salts)	7440-28-0							
Thiobencarb	28249-77-6							
Thiodiglycol	111-48-8							
Thiofanox	39196-18-4							
Thiophanate, Methyl	23564-05-8							
Thiram	137-26-8							
Tin	7440-31-5							
Titanium Tetrachloride	7550-45-0			1.0E-04	A			1.0E-01
Toluene	108-88-3			5.0E+00	I	V		5.2E+03
Toluidine, p-	106-49-0							
Toxaphene	8001-35-2	3.2E-04	I				7.6E-03	
Tralomethrin	66841-25-6							
Tri-n-butyltin	688-73-3							
Triallate	2303-17-5							
Triasulfuron	82097-50-5							
Tribromobenzene, 1,2,4-	615-54-3							
Tributyl Phosphate	126-73-8							
Tributyltin Compounds	NA							
Tributyltin Oxide	56-35-9							
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			3.0E+01	H	V		3.1E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2							
Trichloroaniline, 2,4,6-	634-93-5							
Trichlorobenzene, 1,2,3-	87-61-6					V		
Trichlorobenzene, 1,2,4-	120-82-1			2.0E-03	P	V		2.1E+00

Attachment 3, Table 1
USEPA Regional Screening Levels
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Trichloroethane, 1,1,1-	71-55-6			5.0E+00	I	V		5.2E+03
Trichloroethane, 1,1,2-	79-00-5	1.6E-05	I			V	1.5E-01	
Trichloroethylene	79-01-6	2.0E-06	C			V	1.2E+00	
Trichlorofluoromethane	75-69-4			7.0E-01	H	V		7.3E+02
Trichlorophenol, 2,4,5-	95-95-4							
Trichlorophenol, 2,4,6-	88-06-2	3.1E-06	I				7.9E-01	
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5							
Trichlorophenoxypropionic acid, -2,4,5	93-72-1							
Trichloropropane, 1,1,2-	598-77-6					V		
Trichloropropane, 1,2,3-	96-18-4			3.0E-04	I	V		3.1E-01
Trichloropropene, 1,2,3-	96-19-5			3.0E-04	P	V		3.1E-01
Tridiphane	58138-08-2							
Triethylamine	121-44-8			7.0E-03	I	V		7.3E+00
Trifluralin	1582-09-8							
Trimethyl Phosphate	512-56-1							
Trimethylbenzene, 1,2,4-	95-63-6			7.0E-03	P	V		7.3E+00
Trimethylbenzene, 1,3,5-	108-67-8					V		
Trinitrobenzene, 1,3,5-	99-35-4							
Trinitrotoluene, 2,4,6-	118-96-7							
Triphenylphosphine Oxide	791-28-6							
Tris(2-chloroethyl)phosphate	115-96-8							
Tris(2-ethylhexyl)phosphate	78-42-2							
Uranium (Soluble Salts)	NA			3.0E-04	A			3.1E-01
Urethane	51-79-6	2.9E-04	C				8.4E-03	
Vanadium Pentoxide	1314-62-1	8.3E-03	P	7.0E-06	P		2.9E-04	7.3E-03
Vanadium Sulfate	36907-42-3							
Vanadium and Compounds	NA							
Vanadium, Metallic	7440-62-2							
Vernolate	1929-77-7							
Vinclozolin	50471-44-8							

Attachment 3, Table 1
USEPA Regional Screening Levels
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Contaminant		Toxicity and Chemical-specific Information					Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
		IUR		RfCi			Inhalation	Inhalation
Analyte	CAS No.	$(ug/m^3)^{-1}$	key	(mg/m^3)	key	voc	ug/m^3	ug/m^3
Vinyl Acetate	108-05-4			2.0E-01	I	V		2.1E+02
Vinyl Bromide	593-60-2	3.2E-05	H	3.0E-03	I	V	7.6E-02	3.1E+00
Vinyl Chloride	75-01-4	4.4E-06	I	1.0E-01	I	V	1.6E-01	1.0E+02
Warfarin	81-81-2							
Xylene, Mixture	1330-20-7			1.0E-01	I	V		1.0E+02
Xylene, P-	106-42-3			7.0E-01	C	V		7.3E+02
Xylene, m-	108-38-3			7.0E-01	C	V		7.3E+02
Xylene, o-	95-47-6			7.0E-01	C	V		7.3E+02
Zinc (Metallic)	7440-66-6							
Zinc Phosphide	1314-84-7							
Zineb	12122-67-7							

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; nL = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Attachment 3, Table 2
IDEM Screening Level Exposure Parameters
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

Exposure Parameter		Units	Age-Adjusted Resident	Source
Inhalation Factor Age-Adjusted	InF	m^3-year/kg-day	10.9	EPA, 1991a
Exposure Frequency	EF	days/year	350	EPA, 1991b
Averaging Time Carcinogen	ATc	year	70	EPA, 1989
Averaging Time Non-Carcinogen	ATnc	year	30	IDEM
Exposure Duration	ED	year	30	IDEM (adult 24 yr; child 6 yr)
Target Risk	TR	unitless	1E-05	IDEM
Target Hazard Quotient	THQ	unitless	1	IDEM
Body Weight (child)	BWc	kg	15	EPA, 1989
Body Weight (adult)	BWa	kg	70	EPA, 1989
Inhalation Rate (child)	IRc	m^3/day	10	EPA, 1991b
Inhalation Rate (adult)	Ira	m^3/day	20	EPA, 1991b
Indoor Air/Crawl Space Attenuation Factor	AFcs	[-]	1	IDEM, 2010
Indoor Air/Sub-Slab Attenuation Factor	AFss	[-]	0.1	IDEM, 2010
Indoor Air/Soil Gas Attenuation Factor	AFsg	[-]	0.01	IDEM, 2010
Indoor Air/Soil Gas Attenuation Factor	Afgw	[-]	0.001	IDEM, 2010[a]

Notes:

a : Assumes sandy soil and shallow (5 feet bgs) groundwater level.

U.S. Environemntal Protection Agency (EPA), 1989. Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part A) Interim Final. Office of Emergency and Remedial Response. EPA/540/1-89/002.

EPA, 1991a. Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals). Interim. Office of Emergency and Remedial Response. EPA/540/R-92/003.

EPA, 1991b. Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual Supplemental Guidance "Standard Default Exposure Factors." Interim Final. Office of Emergency and Remedial Response Toxics Integration Branch. OSWER Directive 9285.6-03.
Indiana Department of Environment Management (IDEM), 2010. Draft Vapor Intrusion Pilot Program Guidance Supplement, February 4, 2010.

Attachment 3, Table 3

IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Indoor Air Crawl Space

Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Crawl Space Carcinogenic (ug/m3)	Crawl Space Noncarcinogenic (ug/m3)	Crawl Space (ug/m3)
1,1,1-Trichloroethane	71-55-6	130	--	6.30E-01	NA	9.86E+02	NA	1.85E+02	9.86E+02	9.86E+02	NA	9.86E+02	9.86E+02
1,1,2,2-Tetrachloroethane	79-34-5	168	2.00E-01	6.00E-02	3.35E-01	9.39E+01	4.88E-02	1.37E+01	3.35E-01	3.35E-01	3.35E-01	9.39E+01	3.35E-01
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	190	--	8.57E+00	NA	1.34E+04	NA	1.73E+03	1.34E+04	1.34E+04	NA	1.34E+04	1.34E+04
1,1,2-Trichloroethane	79-00-5	133	5.60E-02	4.00E-03	1.20E+00	6.26E+00	2.19E-01	1.15E+00	1.20E+00	1.20E+00	1.20E+00	6.26E+00	1.20E+00
1,1-Dichloroethane	75-34-3	99	--	1.40E-01	NA	2.19E+02	NA	5.41E+01	2.19E+02	2.19E+02	NA	2.19E+02	2.19E+02
1,1-Dichloroethene	75-35-4	97	--	5.70E-02	NA	8.92E+01	NA	2.25E+01	8.92E+01	8.92E+01	NA	8.92E+01	8.92E+01
1,2,3-Trimethylbenzene	526-73-8	120	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	181	--	1.00E-03	NA	1.56E+00	NA	2.11E-01	1.56E+00	1.56E+00	NA	1.56E+00	1.56E+00
1,2,4-Trimethylbenzene	95-63-6	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+00	2.66E+00
1,2-Dibromoethane	106-93-4	188	2.10E+00	2.60E-03	3.19E-02	4.07E+00	4.15E-03	5.29E-01	3.19E-02	3.19E-02	3.19E-02	4.07E+00	3.19E-02
1,2-Dichlorobenzene	95-50-1	150	--	5.70E-02	NA	8.92E+01	NA	1.45E+01	8.92E+01	8.92E+01	NA	8.92E+01	8.92E+01
1,2-Dichloroethane	107-06-2	99	9.10E-02	1.40E-03	7.36E-01	2.19E+00	1.82E-01	5.41E-01	7.36E-01	7.36E-01	7.36E-01	2.19E+00	7.36E-01
1,2-Dichloropropane	78-87-5	113	6.80E-02	1.10E-03	9.85E-01	1.72E+00	2.13E-01	3.72E-01	9.85E-01	9.85E-01	9.85E-01	1.72E+00	9.85E-01
1,3,5-Trimethylbenzene	108-67-8	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+00	2.66E+00
1,3-Butadiene	106-99-0	54	1.05E-01	5.71E-04	6.38E-01	8.94E-01	2.89E-01	4.05E-01	6.38E-01	6.38E-01	6.38E-01	8.94E-01	6.38E-01
1,3-Dichlorobenzene	541-73-1	150	--	3.00E-02	NA	4.69E+01	NA	7.65E+00	4.69E+01	4.69E+01	NA	4.69E+01	4.69E+01
1,4-Dichlorobenzene	106-46-7	150	2.20E-02	2.30E-01	3.04E+00	3.60E+02	4.96E-01	5.86E+01	3.04E+00	3.04E+00	3.04E+00	3.60E+02	3.04E+00
1,4-Dioxane	123-91-1	88	2.70E-02	1.03E+00	2.49E+00	1.61E+03	6.90E-01	4.46E+02	2.49E+00	2.49E+00	2.49E+00	1.61E+03	2.49E+00
1-Butanol	71-36-3	74	--	2.60E-03	NA	4.07E+00	NA	1.34E+00	4.07E+00	4.07E+00	NA	4.07E+00	4.07E+00
1-Propanol	71-23-8	60	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Hexanone	591-78-6	100	--	8.57E-03	NA	1.34E+01	NA	3.28E+00	1.34E+01	1.34E+01	NA	1.34E+01	1.34E+01
2-Pentanone	107-87-9	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Propanol	67-63-0	60	--	2.00E+00	NA	3.13E+03	NA	1.27E+03	3.13E+03	3.13E+03	NA	3.13E+03	3.13E+03
3-Hexanone	589-38-8	100	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
3-Pentanone	96-22-0	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	100	--	8.60E-01	NA	1.35E+03	NA	3.29E+02	1.35E+03	1.35E+03	NA	1.35E+03	1.35E+03
Acetone	67-64-1	58	--	9.00E-01	NA	1.41E+03	NA	5.93E+02	1.41E+03	1.41E+03	NA	1.41E+03	1.41E+03
Acetonitrile	75-05-8	41	--	1.71E-02	NA	2.68E+01	NA	1.60E+01	2.68E+01	2.68E+01	NA	2.68E+01	2.68E+01
Acrolein	107-02-8	56	--	5.70E-06	NA	8.92E-03	NA	3.89E-03	8.92E-03	8.92E-03	NA	8.92E-03	8.92E-03
Benzene	71-43-2	78	2.70E-02	8.60E-03	2.48E+00	1.35E+01	7.78E-01	4.22E+00	2.48E+00	2.48E+00	2.48E+00	1.35E+01	2.48E+00
Benzyl chloride	100-44-7	127	1.72E-01	2.86E-04	3.91E-01	4.47E-01	7.54E-02	8.63E-02	3.91E-01	3.91E-01	3.91E-01	4.47E-01	3.91E-01
Bromodichloromethane	75-27-4	164	6.20E-02	2.00E-02	1.08E+00	3.13E+01	1.61E-01	4.67E+00	1.08E+00	1.08E+00	1.08E+00	3.13E+01	1.08E+00
Bromoform	75-25-2	253	3.90E-03	2.00E-02	1.72E+01	3.13E+01	1.66E+00	3.02E+00	1.72E+01	1.72E+01	1.72E+01	3.13E+01	1.72E+01
Bromomethane	74-83-9	95	--	1.40E-03	NA	2.19E+00	NA	5.64E-01	2.19E+00	2.19E+00	NA	2.19E+00	2.19E+00
Carbon disulfide	75-15-0	76	--	2.00E-01	NA	3.13E+02	NA	1.00E+02	3.13E+02	3.13E+02	NA	3.13E+02	3.13E+02
Carbon tetrachloride	56-23-5	150	5.30E-02	7.00E-04	1.26E+00	1.10E+00	2.06E-01	1.78E-01	1.10E+00	1.10E+00	1.26E+00	1.10E+00	1.10E+00
Chlorobenzene	108-90-7	110	--	1.70E-02	NA	2.66E+01	NA	5.91E+00	2.66E+01	2.66E+01	NA	2.66E+01	2.66E+01
Chlorodifluoromethane	75-45-6	86	--	1.43E+01	NA	2.23E+04	NA	6.32E+03	2.23E+04	2.23E+04	NA	2.23E+04	2.23E+04
Chloroethane	75-00-3	65	2.90E-03	2.90E+00	2.31E+01	4.54E+03	8.75E+00	1.72E+03	2.31E+01	2.31E+01	2.31E+01	4.54E+03	2.31E+01
Chloroform	67-66-3	120	8.10E-02	1.40E-02	8.27E-01	2.19E+01	1.68E-01	4.46E+00	8.27E-01	8.27E-01	8.27E-01	2.19E+01	8.27E-01
Chloromethane	74-87-3	50	--	2.57E-02	NA	4.02E+01	NA	1.95E+01	4.02E+01	4.02E+01	NA	4.02E+01	4.02E+01
cis-1,2-Dichloroethene	156-59-2	97	--	1.00E-02	NA	1.56E+01	NA	3.95E+00	1.56E+01	1.56E+01	NA	1.56E+01	1.56E+01
cis-1,3-Dichloropropene	10061-01-5	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+00	8.92E+00	4.78E+00
Cyclohexane	110-82-7	84	--	1.70E+00	NA	2.66E+03	NA	7.74E+02	2.66E+03	2.66E+03	NA	2.66E+03	2.66E+03
Cyclopentane	287-92-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	121	--	5.71E-02	NA	8.94E+01	NA	1.81E+01	8.94E+01	8.94E+01	NA	8.94E+01	8.94E+01
Dichlorotetrafluoroethane	76-14-2	171	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Ethylbenzene	100-41-4	110	--	2.90E-01	NA	4.54E+02	NA	1.01E+02	4.54E+02	4.54E+02	NA	4.54E+02	4.54E+02
Isobutene	115-11-7	56	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Isoprene	78-79-5	68	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
m,p-Xylene	100-01-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+01	4.54E+01
Methacrolein	78-85-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA

Attachment 3, Table 3

IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Indoor Air Crawl Space

Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Crawl Space Carcinogenic (ug/m3)	Crawl Space Noncarcinogenic (ug/m3)	Crawl Space (ug/m3)
Methyl ethyl ketone	78-93-3	72	--	1.40E+00	NA	2.19E+03	NA	7.43E+02	2.19E+03	2.19E+03	NA	2.19E+03	2.19E+03
Methyl iodide	74-88-4	142	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	88	9.10E-04	8.60E-01	7.36E+01	1.35E+03	2.04E+01	3.73E+02	7.36E+01	7.36E+01	7.36E+01	1.35E+03	7.36E+01
Methyl vinyl ketone	78-94-4	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methylene chloride	75-09-2	85	1.60E-03	8.60E-01	4.19E+01	1.35E+03	1.20E+01	3.87E+02	4.19E+01	4.19E+01	4.19E+01	1.35E+03	4.19E+01
n-Hexane	110-54-3	86	--	5.70E-02	NA	8.92E+01	NA	2.53E+01	8.92E+01	8.92E+01	NA	8.92E+01	8.92E+01
o-Xylene	95-47-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+01	4.54E+01
Pentane	109-66-0	72	--	2.86E-01	NA	4.47E+02	NA	1.51E+02	4.47E+02	4.47E+02	NA	4.47E+02	4.47E+02
Propanal	123-38-6	58	--	2.29E-03	NA	3.58E+00	NA	1.51E+00	3.58E+00	3.58E+00	NA	3.58E+00	3.58E+00
Propene	115-07-1	42	--	8.57E-01	NA	1.34E+03	NA	7.79E+02	1.34E+03	1.34E+03	NA	1.34E+03	1.34E+03
Styrene	100-42-5	100	--	2.90E-01	NA	4.54E+02	NA	1.11E+02	4.54E+02	4.54E+02	NA	4.54E+02	4.54E+02
Tetrachloroethene	127-18-4	170	2.10E-02	1.00E-02	3.19E+00	1.56E+01	4.59E-01	2.25E+00	3.19E+00	3.19E+00	3.19E+00	1.56E+01	3.19E+00
Toluene	108-88-3	92	--	1.40E+00	NA	2.19E+03	NA	5.82E+02	2.19E+03	2.19E+03	NA	2.19E+03	2.19E+03
trans-1,3-Dichloropropene	10061-02-6	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+00	8.92E+00	4.78E+00
Trichloroethene	79-01-6	130	5.40E-02	1.00E-02	1.24E+00	1.56E+01	2.33E-01	2.94E+00	1.24E+00	1.24E+00	1.24E+00	1.56E+01	1.24E+00
Trichlorofluoromethane	75-69-4	137	--	2.00E-01	NA	3.13E+02	NA	5.57E+01	3.13E+02	3.13E+02	NA	3.13E+02	3.13E+02
Vinyl chloride	75-01-4	63	3.10E-02	2.90E-02	2.16E+00	4.54E+01	8.38E-01	1.76E+01	2.16E+00	2.16E+00	2.16E+00	4.54E+01	2.16E+00

Notes:

NA - Not applicable

"--" No toxicity data/value available

a : Toxicity values from IDEM, 2009 (Indiana Department of Environmental Management Draft Vapor Intrusion Pilot Program Guidance EPA, RISC Default Closure Tool Version 1.2, Table F. May 1, 2009).

b: Toxicity values from EPA Regional Screening Level (December, 2009) when IDEM toxicity value not available.

c : RBSLs developed using equations and input assumptions from IDEM, 2010 (Draft Vapor Intrusion Pilot Program Guidance Supplement, February 4, 2010).

Toxicity values of total xylenes are used for o-xylene and m,p-xylene.

Toxicity values of 1,3-dichloropropene are used for cis-1,3-dichloropropene ad trans-1,3-dichloropropene.

Attachment 3, Table 4
IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Sub-slab
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Sub-Slab Carcinogenic (ug/m3)	Sub-Slab Noncarcinogenic (ug/m3)	Sub-Slab (ug/m3)
1,1,1-Trichloroethane	71-55-6	130	--	6.30E-01	NA	9.86E+02	NA	1.85E+02	9.86E+02	9.86E+02	NA	9.86E+03	9.86E+03
1,1,2,2-Tetrachloroethane	79-34-5	168	2.00E-01	6.00E-02	3.35E-01	9.39E+01	4.88E-02	1.37E+01	3.35E-01	3.35E-01	3.35E+00	9.39E+02	3.35E+00
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	190	--	8.57E+00	NA	1.34E+04	NA	1.73E+03	1.34E+04	1.34E+04	NA	1.34E+05	1.34E+05
1,1,2-Trichloroethane	79-00-5	133	5.60E-02	4.00E-03	1.20E+00	6.26E+00	2.19E-01	1.15E+00	1.20E+00	1.20E+00	1.20E+01	6.26E+01	1.20E+01
1,1-Dichloroethane	75-34-3	99	--	1.40E-01	NA	2.19E+02	NA	5.41E+01	2.19E+02	2.19E+02	NA	2.19E+03	2.19E+03
1,1-Dichloroethene	75-35-4	97	--	5.70E-02	NA	8.92E+01	NA	2.25E+01	8.92E+01	8.92E+01	NA	8.92E+02	8.92E+02
1,2,3-Trimethylbenzene	526-73-8	120	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	181	--	1.00E-03	NA	1.56E+00	NA	2.11E-01	1.56E+00	1.56E+00	NA	1.56E+01	1.56E+01
1,2,4-Trimethylbenzene	95-63-6	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+01	2.66E+01
1,2-Dibromoethane	106-93-4	188	2.10E+00	2.60E-03	3.19E-02	4.07E+00	4.15E-03	5.29E-01	3.19E-02	3.19E-02	3.19E-01	4.07E+01	3.19E-01
1,2-Dichlorobenzene	95-50-1	150	--	5.70E-02	NA	8.92E+01	NA	1.45E+01	8.92E+01	8.92E+01	NA	8.92E+02	8.92E+02
1,2-Dichloroethane	107-06-2	99	9.10E-02	1.40E-03	7.36E-01	2.19E+00	1.82E-01	5.41E-01	7.36E-01	7.36E-01	7.36E+00	2.19E+01	7.36E+00
1,2-Dichloropropane	78-87-5	113	6.80E-02	1.10E-03	9.85E-01	1.72E+00	2.13E-01	3.72E-01	9.85E-01	9.85E-01	9.85E+00	1.72E+01	9.85E+00
1,3,5-Trimethylbenzene	108-67-8	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+01	2.66E+01
1,3-Butadiene	106-99-0	54	1.05E-01	5.71E-04	6.38E-01	8.94E-01	2.89E-01	4.05E-01	6.38E-01	6.38E-01	6.38E+00	8.94E+00	6.38E+00
1,3-Dichlorobenzene	541-73-1	150	--	3.00E-02	NA	4.69E+01	NA	7.65E+00	4.69E+01	4.69E+01	NA	4.69E+02	4.69E+02
1,4-Dichlorobenzene	106-46-7	150	2.20E-02	2.30E-01	3.04E+00	3.60E+02	4.96E-01	5.86E+01	3.04E+00	3.04E+00	3.04E+01	3.60E+03	3.04E+01
1,4-Dioxane	123-91-1	88	2.70E-02	1.03E+00	2.49E+00	1.61E+03	6.90E-01	4.46E+02	2.49E+00	2.49E+00	2.49E+01	1.61E+04	2.49E+01
1-Butanol	71-36-3	74	--	2.60E-03	NA	4.07E+00	NA	1.34E+00	4.07E+00	4.07E+00	NA	4.07E+01	4.07E+01
1-Propanol	71-23-8	60	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Hexanone	591-78-6	100	--	8.57E-03	NA	1.34E+01	NA	3.28E+00	1.34E+01	1.34E+01	NA	1.34E+02	1.34E+02
2-Pentanone	107-87-9	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Propanol	67-63-0	60	--	2.00E+00	NA	3.13E+03	NA	1.27E+03	3.13E+03	3.13E+03	NA	3.13E+04	3.13E+04
3-Hexanone	589-38-8	100	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
3-Pentanone	96-22-0	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	100	--	8.60E-01	NA	1.35E+03	NA	3.29E+02	1.35E+03	1.35E+03	NA	1.35E+04	1.35E+04
Acetone	67-64-1	58	--	9.00E-01	NA	1.41E+03	NA	5.93E+02	1.41E+03	1.41E+03	NA	1.41E+04	1.41E+04
Acetonitrile	75-05-8	41	--	1.71E-02	NA	2.68E+01	NA	1.60E+01	2.68E+01	2.68E+01	NA	2.68E+02	2.68E+02
Acrolein	107-02-8	56	--	5.70E-06	NA	8.92E-03	NA	3.89E-03	8.92E-03	8.92E-03	NA	8.92E-02	8.92E-02
Benzene	71-43-2	78	2.70E-02	8.60E-03	2.48E+00	1.35E+01	7.78E-01	4.22E+00	2.48E+00	2.48E+00	2.48E+01	1.35E+02	2.48E+01
Benzyl chloride	100-44-7	127	1.72E-01	2.86E-04	3.91E-01	4.47E-01	7.54E-02	8.63E-02	3.91E-01	3.91E-01	3.91E+00	4.47E+00	3.91E+00
Bromodichloromethane	75-27-4	164	6.20E-02	2.00E-02	1.08E+00	3.13E+01	1.61E-01	4.67E+00	1.08E+00	1.08E+00	1.08E+01	3.13E+02	1.08E+01
Bromoform	75-25-2	253	3.90E-03	2.00E-02	1.72E+01	3.13E+01	1.66E+00	3.02E+00	1.72E+01	1.72E+01	1.72E+02	3.13E+02	1.72E+02
Bromomethane	74-83-9	95	--	1.40E-03	NA	2.19E+00	NA	5.64E-01	2.19E+00	2.19E+00	NA	2.19E+01	2.19E+01
Carbon disulfide	75-15-0	76	--	2.00E-01	NA	3.13E+02	NA	1.00E+02	3.13E+02	3.13E+02	NA	3.13E+03	3.13E+03
Carbon tetrachloride	56-23-5	150	5.30E-02	7.00E-04	1.26E+00	1.10E+00	2.06E-01	1.78E-01	1.10E+00	1.10E+00	1.26E+01	1.10E+01	1.10E+01
Chlorobenzene	108-90-7	110	--	1.70E-02	NA	2.66E+01	NA	5.91E+00	2.66E+01	2.66E+01	NA	2.66E+02	2.66E+02
Chlorodifluoromethane	75-45-6	86	--	1.43E+01	NA	2.23E+04	NA	6.32E+03	2.23E+04	2.23E+04	NA	2.23E+05	2.23E+05
Chloroethane	75-00-3	65	2.90E-03	2.90E+00	2.31E+01	4.54E+03	8.75E+00	1.72E+03	2.31E+01	2.31E+01	2.31E+02	4.54E+04	2.31E+02
Chloroform	67-66-3	120	8.10E-02	1.40E-02	8.27E-01	2.19E+01	1.68E-01	4.46E+00	8.27E-01	8.27E-01	8.27E+00	2.19E+02	8.27E+00
Chloromethane	74-87-3	50	--	2.57E-02	NA	4.02E+01	NA	1.95E+01	4.02E+01	4.02E+01	NA	4.02E+02	4.02E+02
cis-1,2-Dichloroethene	156-59-2	97	--	1.00E-02	NA	1.56E+01	NA	3.95E+00	1.56E+01	1.56E+01	NA	1.56E+02	1.56E+02
cis-1,3-Dichloropropene	10061-01-5	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+01	8.92E+01	4.78E+01
Cyclohexane	110-82-7	84	--	1.70E+00	NA	2.66E+03	NA	7.74E+02	2.66E+03	2.66E+03	NA	2.66E+04	2.66E+04
Cyclopentane	287-92-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	121	--	5.71E-02	NA	8.94E+01	NA	1.81E+01	8.94E+01	8.94E+01	NA	8.94E+02	8.94E+02
Dichlorotetrafluoroethane	76-14-2	171	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Ethylbenzene	100-41-4	110	--	2.90E-01	NA	4.54E+02	NA	1.01E+02	4.54E+02	4.54E+02	NA	4.54E+03	4.54E+03
Isobutene	115-11-7	56	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Isoprene	78-79-5	68	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
m,p-Xylene	100-01-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+02	4.54E+02
Methacrolein	78-85-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA

Attachment 3, Table 4

IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Sub-slab

Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Sub-Slab Carcinogenic (ug/m3)	Sub-Slab Noncarcinogenic (ug/m3)	Sub-Slab (ug/m3)
Methyl ethyl ketone	78-93-3	72	--	1.40E+00	NA	2.19E+03	NA	7.43E+02	2.19E+03	2.19E+03	NA	2.19E+04	2.19E+04
Methyl iodide	74-88-4	142	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	88	9.10E-04	8.60E-01	7.36E+01	1.35E+03	2.04E+01	3.73E+02	7.36E+01	7.36E+01	7.36E+02	1.35E+04	7.36E+02
Methyl vinyl ketone	78-94-4	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methylene chloride	75-09-2	85	1.60E-03	8.60E-01	4.19E+01	1.35E+03	1.20E+01	3.87E+02	4.19E+01	4.19E+01	4.19E+02	1.35E+04	4.19E+02
n-Hexane	110-54-3	86	--	5.70E-02	NA	8.92E+01	NA	2.53E+01	8.92E+01	8.92E+01	NA	8.92E+02	8.92E+02
o-Xylene	95-47-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+02	4.54E+02
Pentane	109-66-0	72	--	2.86E-01	NA	4.47E+02	NA	1.51E+02	4.47E+02	4.47E+02	NA	4.47E+03	4.47E+03
Propanal	123-38-6	58	--	2.29E-03	NA	3.58E+00	NA	1.51E+00	3.58E+00	3.58E+00	NA	3.58E+01	3.58E+01
Propene	115-07-1	42	--	8.57E-01	NA	1.34E+03	NA	7.79E+02	1.34E+03	1.34E+03	NA	1.34E+04	1.34E+04
Styrene	100-42-5	100	--	2.90E-01	NA	4.54E+02	NA	1.11E+02	4.54E+02	4.54E+02	NA	4.54E+03	4.54E+03
Tetrachloroethene	127-18-4	170	2.10E-02	1.00E-02	3.19E+00	1.56E+01	4.59E-01	2.25E+00	3.19E+00	3.19E+00	3.19E+01	1.56E+02	3.19E+01
Toluene	108-88-3	92	--	1.40E+00	NA	2.19E+03	NA	5.82E+02	2.19E+03	2.19E+03	NA	2.19E+04	2.19E+04
trans-1,3-Dichloropropene	10061-02-6	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+01	8.92E+01	4.78E+01
Trichloroethene	79-01-6	130	5.40E-02	1.00E-02	1.24E+00	1.56E+01	2.33E-01	2.94E+00	1.24E+00	1.24E+00	1.24E+01	1.56E+02	1.24E+01
Trichlorofluoromethane	75-69-4	137	--	2.00E-01	NA	3.13E+02	NA	5.57E+01	3.13E+02	3.13E+02	NA	3.13E+03	3.13E+03
Vinyl chloride	75-01-4	63	3.10E-02	2.90E-02	2.16E+00	4.54E+01	8.38E-01	1.76E+01	2.16E+00	2.16E+00	2.16E+01	4.54E+02	2.16E+01

Notes:

NA - Not applicable

"--" No toxicity data/value available

a : Toxicity values from IDEM, 2009 (Indiana Department of Environmental Management Draft Vapor Intrusion Pilot Program Guidance EPA, RISC Default Closure Tool Version 1.2, Table F. May 1, 2009).

b: Toxicity values from EPA Regional Screening Level (December, 2009) when IDEM toxicity value not available.

c : RBSLs developed using equations and input assumptions from IDEM, 2010 (Draft Vapor Intrusion Pilot Program Guidance Supplement, February 4, 2010).

Toxicity values of total xylenes are used for o-xylene and m,p-xylene.

Toxicity values of 1,3-dichloropropene are used for cis-1,3-dichloropropene ad trans-1,3-dichloropropene.

Attachment 3, Table 5
IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Exterior Soil Gas
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)$^{-1}$	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m^3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m^3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m^3)	Minimum Residential Indoor Air Age-Adjusted (ug/m^3)	Soil Gas[d] Carcinogenic (ug/m^3)	Soil Gas[d] Noncarcinogenic (ug/m^3)	Soil Gas[d] (ug/m^3)
1,1,1-Trichloroethane	71-55-6	130	--	6.30E-01	NA	9.86E+02	NA	1.85E+02	9.86E+02	9.86E+02	NA	9.86E+04	9.86E+04
1,1,2,2-Tetrachloroethane	79-34-5	168	2.00E-01	6.00E-02	3.35E-01	9.39E+01	4.88E-02	1.37E+01	3.35E-01	3.35E-01	3.35E+01	9.39E+03	3.35E+01
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	190	--	8.57E+00	NA	1.34E+04	NA	1.73E+03	1.34E+04	1.34E+04	NA	1.34E+06	1.34E+06
1,1,2-Trichloroethane	79-00-5	133	5.60E-02	4.00E-03	1.20E+00	6.26E+00	2.19E-01	1.15E+00	1.20E+00	1.20E+00	1.20E+02	6.26E+02	1.20E+02
1,1-Dichloroethane	75-34-3	99	--	1.40E-01	NA	2.19E+02	NA	5.41E+01	2.19E+02	2.19E+02	NA	2.19E+04	2.19E+04
1,1-Dichloroethene	75-35-4	97	--	5.70E-02	NA	8.92E+01	NA	2.25E+01	8.92E+01	8.92E+01	NA	8.92E+03	8.92E+03
1,2,3-Trimethylbenzene	526-73-8	120	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	181	--	1.00E-03	NA	1.56E+00	NA	2.11E-01	1.56E+00	1.56E+00	NA	1.56E+02	1.56E+02
1,2,4-Trimethylbenzene	95-63-6	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+02	2.66E+02
1,2-Dibromoethane	106-93-4	188	2.10E+00	2.60E-03	3.19E-02	4.07E+00	4.15E-03	5.29E-01	3.19E-02	3.19E-02	3.19E+00	4.07E+02	3.19E+00
1,2-Dichlorobenzene	95-50-1	150	--	5.70E-02	NA	8.92E+01	NA	1.45E+01	8.92E+01	8.92E+01	NA	8.92E+03	8.92E+03
1,2-Dichloroethane	107-06-2	99	9.10E-02	1.40E-03	7.36E-01	2.19E+00	1.82E-01	5.41E-01	7.36E-01	7.36E-01	7.36E+01	2.19E+02	7.36E+01
1,2-Dichloropropane	78-87-5	113	6.80E-02	1.10E-03	9.85E-01	1.72E+00	2.13E-01	3.72E-01	9.85E-01	9.85E-01	9.85E+01	1.72E+02	9.85E+01
1,3,5-Trimethylbenzene	108-67-8	120	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	2.66E+02	2.66E+02
1,3-Butadiene	106-99-0	54	1.05E-01	5.71E-04	6.38E-01	8.94E-01	2.89E-01	4.05E-01	6.38E-01	6.38E-01	6.38E+01	8.94E+01	6.38E+01
1,3-Dichlorobenzene	541-73-1	150	--	3.00E-02	NA	4.69E+01	NA	7.65E+00	4.69E+01	4.69E+01	NA	4.69E+03	4.69E+03
1,4-Dichlorobenzene	106-46-7	150	2.20E-02	2.30E-01	3.04E+00	3.60E+02	4.96E-01	5.86E+01	3.04E+00	3.04E+00	3.04E+02	3.60E+04	3.04E+02
1,4-Dioxane	123-91-1	88	2.70E-02	1.03E+00	2.49E+00	1.61E+03	6.90E-01	4.46E+02	2.49E+00	2.49E+00	2.49E+02	1.61E+05	2.49E+02
1-Butanol	71-36-3	74	--	2.60E-03	NA	4.07E+00	NA	1.34E+00	4.07E+00	4.07E+00	NA	4.07E+02	4.07E+02
1-Propanol	71-23-8	60	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Hexanone	591-78-6	100	--	8.57E-03	NA	1.34E+01	NA	3.28E+00	1.34E+01	1.34E+01	NA	1.34E+03	1.34E+03
2-Pentanone	107-87-9	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Propanol	67-63-0	60	--	2.00E+00	NA	3.13E+03	NA	1.27E+03	3.13E+03	3.13E+03	NA	3.13E+05	3.13E+05
3-Hexanone	589-38-8	100	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
3-Pentanone	96-22-0	86	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	100	--	8.60E-01	NA	1.35E+03	NA	3.29E+02	1.35E+03	1.35E+03	NA	1.35E+05	1.35E+05
Acetone	67-64-1	58	--	9.00E-01	NA	1.41E+03	NA	5.93E+02	1.41E+03	1.41E+03	NA	1.41E+05	1.41E+05
Acetonitrile	75-05-8	41	--	1.71E-02	NA	2.68E+01	NA	1.60E+01	2.68E+01	2.68E+01	NA	2.68E+03	2.68E+03
Acrolein	107-02-8	56	--	5.70E-06	NA	8.92E-03	NA	3.89E-03	8.92E-03	8.92E-03	NA	8.92E-01	8.92E-01
Benzene	71-43-2	78	2.70E-02	8.60E-03	2.48E+00	1.35E+01	7.78E-01	4.22E+00	2.48E+00	2.48E+00	2.48E+02	1.35E+03	2.48E+02
Benzyl chloride	100-44-7	127	1.72E-01	2.86E-04	3.91E-01	4.47E-01	7.54E-02	8.63E-02	3.91E-01	3.91E-01	3.91E+01	4.47E+01	3.91E+01
Bromodichloromethane	75-27-4	164	6.20E-02	2.00E-02	1.08E+00	3.13E+01	1.61E-01	4.67E+00	1.08E+00	1.08E+00	1.08E+02	3.13E+03	1.08E+02
Bromoform	75-25-2	253	3.90E-03	2.00E-02	1.72E+01	3.13E+01	1.66E+00	3.02E+00	1.72E+01	1.72E+01	1.72E+03	3.13E+03	1.72E+03
Bromomethane	74-83-9	95	--	1.40E-03	NA	2.19E+00	NA	5.64E-01	2.19E+00	2.19E+00	NA	2.19E+02	2.19E+02
Carbon disulfide	75-15-0	76	--	2.00E-01	NA	3.13E+02	NA	1.00E+02	3.13E+02	3.13E+02	NA	3.13E+04	3.13E+04
Carbon tetrachloride	56-23-5	150	5.30E-02	7.00E-04	1.26E+00	1.10E+00	2.06E-01	1.78E-01	1.10E+00	1.10E+00	1.26E+02	1.10E+02	1.10E+02
Chlorobenzene	108-90-7	110	--	1.70E-02	NA	2.66E+01	NA	5.91E+00	2.66E+01	2.66E+01	NA	2.66E+03	2.66E+03
Chlorodifluoromethane	75-45-6	86	--	1.43E+01	NA	2.23E+04	NA	6.32E+03	2.23E+04	2.23E+04	NA	2.23E+06	2.23E+06
Chloroethane	75-00-3	65	2.90E-03	2.90E+00	2.31E+01	4.54E+03	8.75E+00	1.72E+03	2.31E+01	2.31E+01	2.31E+03	4.54E+05	2.31E+03
Chloroform	67-66-3	120	8.10E-02	1.40E-02	8.27E-01	2.19E+01	1.68E-01	4.46E+00	8.27E-01	8.27E-01	8.27E+01	2.19E+03	8.27E+01
Chloromethane	74-87-3	50	--	2.57E-02	NA	4.02E+01	NA	1.95E+01	4.02E+01	4.02E+01	NA	4.02E+03	4.02E+03
cis-1,2-Dichloroethene	156-59-2	97	--	1.00E-02	NA	1.56E+01	NA	3.95E+00	1.56E+01	1.56E+01	NA	1.56E+03	1.56E+03
cis-1,3-Dichloropropene	10061-01-5	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+02	8.92E+02	4.78E+02
Cyclohexane	110-82-7	84	--	1.70E+00	NA	2.66E+03	NA	7.74E+02	2.66E+03	2.66E+03	NA	2.66E+05	2.66E+05
Cyclopentane	287-92-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	121	--	5.71E-02	NA	8.94E+01	NA	1.81E+01	8.94E+01	8.94E+01	NA	8.94E+03	8.94E+03
Dichlorotetrafluoroethane	76-14-2	171	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Ethylbenzene	100-41-4	110	--	2.90E-01	NA	4.54E+02	NA	1.01E+02	4.54E+02	4.54E+02	NA	4.54E+04	4.54E+04
Isobutene	115-11-7	56	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Isoprene	78-79-5	68	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
m,p-Xylene	100-01-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+03	4.54E+03
Methacrolein	78-85-3	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA

Attachment 3, Table 5
IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Exterior Soil Gas
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

			Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Soil Gas[d] Carcinogenic (ug/m3)	Soil Gas[d] Noncarcinogenic (ug/m3)	Soil Gas[d] (ug/m3)
Methyl ethyl ketone	78-93-3	72	--	1.40E+00	NA	2.19E+03	NA	7.43E+02	2.19E+03	2.19E+03	NA	2.19E+05	2.19E+05
Methyl iodide	74-88-4	142	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	88	9.10E-04	8.60E-01	7.36E+01	1.35E+03	2.04E+01	3.73E+02	7.36E+01	7.36E+01	7.36E+03	1.35E+05	7.36E+03
Methyl vinyl ketone	78-94-4	70	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methylene chloride	75-09-2	85	1.60E-03	8.60E-01	4.19E+01	1.35E+03	1.20E+01	3.87E+02	4.19E+01	4.19E+01	4.19E+03	1.35E+05	4.19E+03
n-Hexane	110-54-3	86	--	5.70E-02	NA	8.92E+01	NA	2.53E+01	8.92E+01	8.92E+01	NA	8.92E+03	8.92E+03
o-Xylene	95-47-6	110	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	4.54E+03	4.54E+03
Pentane	109-66-0	72	--	2.86E-01	NA	4.47E+02	NA	1.51E+02	4.47E+02	4.47E+02	NA	4.47E+04	4.47E+04
Propanal	123-38-6	58	--	2.29E-03	NA	3.58E+00	NA	1.51E+00	3.58E+00	3.58E+00	NA	3.58E+02	3.58E+02
Propene	115-07-1	42	--	8.57E-01	NA	1.34E+03	NA	7.79E+02	1.34E+03	1.34E+03	NA	1.34E+05	1.34E+05
Styrene	100-42-5	100	--	2.90E-01	NA	4.54E+02	NA	1.11E+02	4.54E+02	4.54E+02	NA	4.54E+04	4.54E+04
Tetrachloroethene	127-18-4	170	2.10E-02	1.00E-02	3.19E+00	1.56E+01	4.59E-01	2.25E+00	3.19E+00	3.19E+00	3.19E+02	1.56E+03	3.19E+02
Toluene	108-88-3	92	--	1.40E+00	NA	2.19E+03	NA	5.82E+02	2.19E+03	2.19E+03	NA	2.19E+05	2.19E+05
trans-1,3-Dichloropropene	10061-02-6	111	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	4.78E+02	8.92E+02	4.78E+02
Trichloroethene	79-01-6	130	5.40E-02	1.00E-02	1.24E+00	1.56E+01	2.33E-01	2.94E+00	1.24E+00	1.24E+00	1.24E+02	1.56E+03	1.24E+02
Trichlorofluoromethane	75-69-4	137	--	2.00E-01	NA	3.13E+02	NA	5.57E+01	3.13E+02	3.13E+02	NA	3.13E+04	3.13E+04
Vinyl chloride	75-01-4	63	3.10E-02	2.90E-02	2.16E+00	4.54E+01	8.38E-01	1.76E+01	2.16E+00	2.16E+00	2.16E+02	4.54E+03	2.16E+02

Notes:
NA - Not applicable
"--" No toxicity data/value available
a : Toxicity values from IDEM, 2009 (Indiana Department of Environmental Management Draft Vapor Intrusion Pilot Program Guidance EPA, RISC Default Closure Tool Version 1.2, Table F. May 1, 2009).
b: Toxicity values from EPA Regional Screening Level (December, 2009)when IDEM toxicity value not available.
c : RBSLs developed using equations and input assumptions from IDEM, 2010 (Draft Vapor Intrusion Pilot Program Guidance Supplement, February 4, 2010).
d : Soil gas-to-indoor air attenuation factor of 0.01 used to derived the soil gas-to-indoor air screening level.
Toxicity values of total xylenes are used for o-xylene and m,p-xylene.
Toxicity values of 1,3-dichloropropene are used for cis-1,3-dichloropropene ad trans-1,3-dichloropropene.

Attachment 3, Table 6
IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Groundwater
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

				Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Henry's Law Constant [-]	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Groundwater[d] Carcinogenic (ug/L)	Groudnwater[d] Noncarcinogenic (ug/L)	Groundwater[d] (ug/L)
1,1,1-Trichloroethane	71-55-6	130	7.00E-01	--	6.30E-01	NA	9.86E+02	NA	1.85E+02	9.86E+02	9.86E+02	NA	1.41E+03	1.41E+03
1,1,2,2-Tetrachloroethane	79-34-5	168	1.50E-02	2.00E-01	6.00E-02	3.35E-01	9.39E+01	4.88E-02	1.37E+01	3.35E-01	3.35E-01	2.23E+01	6.26E+03	2.23E+01
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	190	2.20E+01	--	8.57E+00	NA	1.34E+04	NA	1.73E+03	1.34E+04	1.34E+04	NA	6.09E+02	6.09E+02
1,1,2-Trichloroethane	79-00-5	133	3.40E-02	5.60E-02	4.00E-03	1.20E+00	6.26E+00	2.19E-01	1.15E+00	1.20E+00	1.20E+00	3.52E+01	1.84E+02	3.52E+01
1,1-Dichloroethane	75-34-3	99	2.30E-01	--	1.40E-01	NA	2.19E+02	NA	5.41E+01	2.19E+02	2.19E+02	NA	9.52E+02	9.52E+02
1,1-Dichloroethene	75-35-4	97	1.10E+00	--	5.70E-02	NA	8.92E+01	NA	2.25E+01	8.92E+01	8.92E+01	NA	8.11E+01	8.11E+01
1,2,3-Trimethylbenzene	526-73-8	120	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	181	5.80E-02	--	1.00E-03	NA	1.56E+00	NA	2.11E-01	1.56E+00	1.56E+00	NA	2.70E+01	2.70E+01
1,2,4-Trimethylbenzene	95-63-6	120	2.50E-01	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	1.06E+01	1.06E+01
1,2-Dibromoethane	106-93-4	188	2.70E-02	2.10E+00	2.60E-03	3.19E-02	4.07E+00	4.15E-03	5.29E-01	3.19E-02	3.19E-02	1.18E+00	1.51E+02	1.18E+00
1,2-Dichlorobenzene	95-50-1	150	7.80E-02	--	5.70E-02	NA	8.92E+01	NA	1.45E+01	8.92E+01	8.92E+01	NA	1.14E+03	1.14E+03
1,2-Dichloroethane	107-06-2	99	4.80E-02	9.10E-02	1.40E-03	7.36E-01	2.19E+00	1.82E-01	5.41E-01	7.36E-01	7.36E-01	1.53E+01	4.56E+01	1.53E+01
1,2-Dichloropropane	78-87-5	113	1.20E-01	6.80E-02	1.10E-03	9.85E-01	1.72E+00	2.13E-01	3.72E-01	9.85E-01	9.85E-01	8.21E+00	1.43E+01	8.21E+00
1,3,5-Trimethylbenzene	108-67-8	120	3.60E-01	--	1.70E-03	NA	2.66E+00	NA	5.42E-01	2.66E+00	2.66E+00	NA	7.39E+00	7.39E+00
1,3-Butadiene	106-99-0	54	3.00E+00	1.05E-01	5.71E-04	6.38E-01	8.94E-01	2.89E-01	4.05E-01	6.38E-01	6.38E-01	2.13E-01	2.98E-01	2.13E-01
1,3-Dichlorobenzene	541-73-1	150	9.90E-02	--	3.00E-02	NA	4.69E+01	NA	7.65E+00	4.69E+01	4.69E+01	NA	4.74E+02	4.74E+02
1,4-Dichlorobenzene	106-46-7	150	9.90E-02	2.20E-02	2.30E-01	3.04E+00	3.60E+02	4.96E-01	5.86E+01	3.04E+00	3.04E+00	3.07E+01	3.63E+03	3.07E+01
1,4-Dioxane	123-91-1	88	2.00E-04	2.70E-02	1.03E+00	2.49E+00	1.61E+03	6.90E-01	4.46E+02	2.49E+00	2.49E+00	1.24E+04	8.04E+06	1.24E+04
1-Butanol	71-36-3	74	3.60E-04	--	2.60E-03	NA	4.07E+00	NA	1.34E+00	4.07E+00	4.07E+00	NA	1.13E+04	1.13E+04
1-Propanol	71-23-8	60	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Hexanone	591-78-6	100	3.80E-03	--	8.57E-03	NA	1.34E+01	NA	3.28E+00	1.34E+01	1.34E+01	NA	3.53E+03	3.53E+03
2-Pentanone	107-87-9	86	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
2-Propanol	67-63-0	60	3.30E-04	--	2.00E+00	NA	3.13E+03	NA	1.27E+03	3.13E+03	3.13E+03	NA	9.48E+06	9.48E+06
3-Hexanone	589-38-8	100	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
3-Pentanone	96-22-0	86	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	100	5.60E-03	--	8.60E-01	NA	1.35E+03	NA	3.29E+02	1.35E+03	1.35E+03	NA	2.40E+05	2.40E+05
Acetone	67-64-1	58	1.40E-03	--	9.00E-01	NA	1.41E+03	NA	5.93E+02	1.41E+03	1.41E+03	NA	1.01E+06	1.01E+06
Acetonitrile	75-05-8	41	1.40E-03	--	1.71E-02	NA	2.68E+01	NA	1.60E+01	2.68E+01	2.68E+01	NA	1.92E+04	1.92E+04
Acrolein	107-02-8	56	5.00E-03	--	5.70E-06	NA	8.92E-03	NA	3.89E-03	8.92E-03	8.92E-03	NA	1.78E+00	1.78E+00
Benzene	71-43-2	78	2.30E-01	2.70E-02	8.60E-03	2.48E+00	1.35E+01	7.78E-01	4.22E+00	2.48E+00	2.48E+00	1.08E+01	5.85E+01	1.08E+01
Benzyl chloride	100-44-7	127	1.70E-02	1.72E-01	2.86E-04	3.91E-01	4.47E-01	7.54E-02	8.63E-02	3.91E-01	3.91E-01	2.30E+01	2.63E+01	2.30E+01
Bromodichloromethane	75-27-4	164	8.70E-02	6.20E-02	2.00E-02	1.08E+00	3.13E+01	1.61E-01	4.67E+00	1.08E+00	1.08E+00	1.24E+01	3.60E+02	1.24E+01
Bromoform	75-25-2	253	2.20E-02	3.90E-03	2.00E-02	1.72E+01	3.13E+01	1.66E+00	3.02E+00	1.72E+01	1.72E+01	7.81E+02	1.42E+03	7.81E+02
Bromomethane	74-83-9	95	3.00E-01	--	1.40E-03	NA	2.19E+00	NA	5.64E-01	2.19E+00	2.19E+00	NA	7.30E+00	7.30E+00
Carbon disulfide	75-15-0	76	5.90E-01	--	2.00E-01	NA	3.13E+02	NA	1.00E+02	3.13E+02	3.13E+02	NA	5.30E+02	5.30E+02
Carbon tetrachloride	56-23-5	150	1.10E+00	5.30E-02	7.00E-04	1.26E+00	1.10E+00	2.06E-01	1.78E-01	1.10E+00	1.10E+00	1.15E+00	9.95E-01	9.95E-01
Chlorobenzene	108-90-7	110	1.30E-01	--	1.70E-02	NA	2.66E+01	NA	5.91E+00	2.66E+01	2.66E+01	NA	2.05E+02	2.05E+02
Chlorodifluoromethane	75-45-6	86	1.70E+00	--	1.43E+01	NA	2.23E+04	NA	6.32E+03	2.23E+04	2.23E+04	NA	1.31E+04	1.31E+04
Chloroethane	75-00-3	65	4.50E-01	2.90E-03	2.90E+00	2.31E+01	4.54E+03	8.75E+00	1.72E+03	2.31E+01	2.31E+01	5.13E+01	1.01E+04	5.13E+01
Chloroform	67-66-3	120	1.50E-01	8.10E-02	1.40E-02	8.27E-01	2.19E+01	1.68E-01	4.46E+00	8.27E-01	8.27E-01	5.51E+00	1.46E+02	5.51E+00
Chloromethane	74-87-3	50	3.60E-01	--	2.57E-02	NA	4.02E+01	NA	1.95E+01	4.02E+01	4.02E+01	NA	1.12E+02	1.12E+02
cis-1,2-Dichloroethene	156-59-2	97	1.70E-01	--	1.00E-02	NA	1.56E+01	NA	3.95E+00	1.56E+01	1.56E+01	NA	9.20E+01	9.20E+01
cis-1,3-Dichloropropene	10061-01-5	111	1.20E-01	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	3.99E+01	7.43E+01	3.99E+01
Cyclohexane	110-82-7	84	6.10E+00	--	1.70E+00	NA	2.66E+03	NA	7.74E+02	2.66E+03	2.66E+03	NA	4.36E+02	4.36E+02
Cyclopentane	287-92-3	70	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	121	1.40E+01	--	5.71E-02	NA	8.94E+01	NA	1.81E+01	8.94E+01	8.94E+01	NA	6.38E+00	6.38E+00
Dichlorotetrafluoroethane	76-14-2	171	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Ethylbenzene	100-41-4	110	3.20E-01	--	2.90E-01	NA	4.54E+02	NA	1.01E+02	4.54E+02	4.54E+02	NA	1.42E+03	1.42E+03
Isobutene	115-11-7	56	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Isoprene	78-79-5	68	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
m,p-Xylene	100-01-6	110	5.20E-08	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	8.72E+08	8.72E+08
Methacrolein	78-85-3	70	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA

Attachment 3, Table 6
IDEM Vapor Intrusion Screening Levels - Residential Exposure Scenario - Groundwater
Offsite Screening-level Vapor Intrusion Data Assessment, Markland Ave. Quarry Operable Unit, Continental Steel Superfund Site

				Toxicity Values[a]		Risk Based Screening Levels[b]								
Analyte	CAS Number	Molecular Weight	Henry's Law Constant [-]	Inhalation Slope Factor (mg/kg-day)-1	Inhalation Reference Dose (mg/kg-day)	Residential Indoor Air Age-Adjusted Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ug/m3)	Residential Indoor Air Age-Adjusted Carcinogenic (ppbv)	Residential Indoor Air Age-Adjusted Non-Carcinogenic (ppbv)	Residential (ug/m3)	Minimum Residential Indoor Air Age-Adjusted (ug/m3)	Groundwater[d] Carcinogenic (ug/L)	Groudnwater[d] Noncarcinogenic (ug/L)	Groundwater[d] (ug/L)
Methyl ethyl ketone	78-93-3	72	2.30E-03	--	1.40E+00	NA	2.19E+03	NA	7.43E+02	2.19E+03	2.19E+03	NA	9.52E+05	9.52E+05
Methyl iodide	74-88-4	142	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	88	2.40E-02	9.10E-04	8.60E-01	7.36E+01	1.35E+03	2.04E+01	3.73E+02	7.36E+01	7.36E+01	3.07E+03	5.61E+04	3.07E+03
Methyl vinyl ketone	78-94-4	70	NA	--	--	NA	NA	NA	NA	0.00E+00	NA	NA	NA	NA
Methylene chloride	75-09-2	85	1.30E-01	1.60E-03	8.60E-01	4.19E+01	1.35E+03	1.20E+01	3.87E+02	4.19E+01	4.19E+01	3.22E+02	1.03E+04	3.22E+02
n-Hexane	110-54-3	86	7.40E+01	--	5.70E-02	NA	8.92E+01	NA	2.53E+01	8.92E+01	8.92E+01	NA	1.20E+00	1.20E+00
o-Xylene	95-47-6	110	2.10E-01	--	2.90E-02	NA	4.54E+01	NA	1.01E+01	4.54E+01	4.54E+01	NA	2.16E+02	2.16E+02
Pentane	109-66-0	72	5.10E+01	--	2.86E-01	NA	4.47E+02	NA	1.51E+02	4.47E+02	4.47E+02	NA	8.76E+00	8.76E+00
Propanal	123-38-6	58	3.00E-03	--	2.29E-03	NA	3.58E+00	NA	1.51E+00	3.58E+00	3.58E+00	NA	1.19E+03	1.19E+03
Propene	115-07-1	42	8.00E+00	--	8.57E-01	NA	1.34E+03	NA	7.79E+02	1.34E+03	1.34E+03	NA	1.68E+02	1.68E+02
Styrene	100-42-5	100	1.10E-01	--	2.90E-01	NA	4.54E+02	NA	1.11E+02	4.54E+02	4.54E+02	NA	4.12E+03	4.12E+03
Tetrachloroethene	127-18-4	170	7.20E-01	2.10E-02	1.00E-02	3.19E+00	1.56E+01	4.59E-01	2.25E+00	3.19E+00	3.19E+00	4.43E+00	2.17E+01	4.43E+00
Toluene	108-88-3	92	2.70E-01	--	1.40E+00	NA	2.19E+03	NA	5.82E+02	2.19E+03	2.19E+03	NA	8.11E+03	8.11E+03
trans-1,3-Dichloropropene	10061-02-6	111	1.20E-01	1.40E-02	5.70E-03	4.78E+00	8.92E+00	1.05E+00	1.96E+00	4.78E+00	4.78E+00	3.99E+01	7.43E+01	3.99E+01
Trichloroethene	79-01-6	130	4.00E-01	5.40E-02	1.00E-02	1.24E+00	1.56E+01	2.33E-01	2.94E+00	1.24E+00	1.24E+00	3.10E+00	3.91E+01	3.10E+00
Trichlorofluoromethane	75-69-4	137	4.00E+00	--	2.00E-01	NA	3.13E+02	NA	5.57E+01	3.13E+02	3.13E+02	NA	7.82E+01	7.82E+01
Vinyl chloride	75-01-4	63	1.10E+00	3.10E-02	2.90E-02	2.16E+00	4.54E+01	8.38E-01	1.76E+01	2.16E+00	2.16E+00	1.96E+00	4.12E+01	1.96E+00

Notes:
NA - Not applicable
"--" No toxicity data/value available
a : Toxicity values from IDEM, 2009 (Indiana Department of Environmental Management Draft Vapor Intrusion Pilot Program Guidance EPA, RISC Default Closure Tool Version 1.2, Table F. May 1, 2009).
b: Toxicity values from EPA Regional Screening Level (December, 2009)when IDEM toxicity value not available.
c : RBSLs developed using equations and input assumptions from IDEM, 2010 (Draft Vapor Intrusion Pilot Program Guidance Supplement, February 4, 2010).
d : Soil gas-to-indoor air attenuation factor of 0.010 (shallow water table and sandy soil) used to derived the groundwater-to-indoor air screening level.
Toxicity values of total xylenes are used for o-xylene and m,p-xylene.
Toxicity values of 1,3-dichloropropene are used for cis-1,3-dichloropropene ad trans-1,3-dichloropropene.

Attachment 2

Attachment 3