Kingston Environmental Services, Inc.

F I N A L

R E M O V A L A C T I O N R E P O R T

NON-TIME CRITICAL REMOVAL ACTION
FOR OPERABLE UNIT (OU) #3
FORMER NEBRASKA ORDNANCE PLANT
MEAD, NEBRASKA

Prepared for:

U.S. ARMY CORPS OF ENGINEERS
KANSAS CITY DISTRICT
KANSAS CITY, MISSOURI

CONTRACT NO. W912DQ-07-D-0015

November 2008

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LIST OF ACRONYMS

APP	Accident Prevention Plan
ARAR	Applicable or Relevant and Appropriate Requirements
ARDC	Agricultural Research and Development Center
bgs	below ground surface
BRA	Baseline Risk Assessment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CQCP	Contractor Quality Control Plan
DHHS	Department of Health and Human Services
EE/CA	Engineering Evaluation/Cost Analysis
EMSL	Environmental Monitoring System Laboratory
EPA	United States Environmental Protection Agency
FSP	Field Sampling Plan
GPS	Global Positioning System
HI	Hazard Index
mg/kg	milligrams per kilogram
MEC	Munitions and Explosives of Concern
NCP	National Contingency Plan
NDEQ	Nebraska Department of Environmental Quality
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NOP	Nebraska Ordnance Plant
NPL	National Priority List
NRD	Natural Resources District
NVLAP	National Voluntary Laboratory Accreditation Program
OU	Operable Unit
QAPP	Quality Assurance Project Plan
QCSR	Quality Control Summary Report
RAR	Removal Action Report
RI	Remedial Investigation
ROD	Record of Decision
RME	Reasonable Maximum Exposure
RAO	Remedial Action Objective
SAP	Sampling and Analysis Plan
SVOC	Semivolatile Organic Compound
SSHP	Site Safety and Health Plan
UNL	University of Nebraska at Lincoln
USACE	United States Army Corps of Engineers
UXO	Unexploded Ordnance
VOC	Volatile Organic Compound
WP	Work Plan

1.0 INTRODUCTION

This report describes the Non-Time Critical Removal Action completed for Operable Unit (OU) #3 antimony-contaminated soils at the former Nebraska Ordnance Plan (NOP), located in Mead, Nebraska. This work was conducted for the United States Army Corps of Engineers (USACE), Kansas City District under Contract W912DQ-07-D-0015, Task Oder 0001.

This removal action was performed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Contingency Plan (NCP). This report describes the overall project tasks and objectives of the removal Work Plan (WP), as well as the results of these activities. The primary project planning document in support of this Removal Action Report (RAR) is the:

> Draft Final Work Plan, Non-Time Critical Removal Action for Operable Unit (OU) #3, Nebraska Ordnance Plant, Mead, Nebraska (Kingston, 2008).

The Contractors Quality Control Plan (CQCP), Waste Management Plan, Field Sampling Plan (FSP), and Quality Assurance Project Plan (QAPP) are included as appendices to the WP. Also included with the WP was the Accident Prevention Plan (APP)/Site Safety and Health Plan (SSHP).

1.1 SITE BACKGROUND AND HISTORY

The former NOP is located one-half mile south of Mead, Nebraska and 30 miles west of Omaha in Saunders County, Nebraska (Figure 1-1). The Site includes 17,258 acres in Saunders County.

The Nebraska Defense Corporation operated the former NOP site for the Army from 1942 until 1945. During World War II, bombs, shells, and rockets were assembled at the former NOP site. Ordnance production was terminated in 1945 and the facility was placed on inactive status. Between 1945 and 1949, the buildings on the former NOP site were decontaminated and used primarily for storage and disposal of bulk explosives and munitions. In addition, ammonium nitrate was produced for use as fertilizer. Finished munitions, bulk explosives, and related ordnance materials and components were stored and demilitarized at the former NOP site. After building decontamination, wastewater and residual explosives were removed from sumps, settling basins, pipelines, and drainage ditches and reportedly taken to the Burning and Proving Grounds at the former NOP.

In 1950, the plant was temporarily reactivated and produced an assortment of weapons for use in the Korean Conflict. In 1956, the former NOP site was placed on standby. In 1959, the 17,250-acre former NOP site was determined to be surplus and was transferred to the General Services Administration for disposition. Approximately 1,000 acres were retained by the Army for National Guard and Army Reserve training, 12 acres were retained by the Army for use as a Nike Missile maintenance area, 2,000 acres were transferred to the United States Air Force to build the Offutt Air Force Base Atlas Missile Site (Atlas Missile Area), and 40 acres were transferred to the Department of Commerce. Missile facilities were abandoned in 1964 when the

Atlas Missile Area and the Nike Missile Maintenance Area were transferred to the Nebraska National Guard.

In 1962, approximately 9,600 acres of the former NOP site were purchased by the University of Nebraska for use as an agricultural research farm and an additional 600 acres were obtained by the University in 1964. The remaining 5,250 acres were eventually purchased by private individuals and corporations. Currently, most of the former NOP site is owned by the University of Nebraska, Lincoln (UNL) for the operation of the Agricultural Research and Development Center (ARDC). Other portions are owned by the Nebraska Army National Guard, U.S. Air Force, the U.S. Army Reserves, and the U.S. Department of Commerce. Some private pasture and crop production occur on-site, and some private light industry exists near the northern end of the former NOP site. Adjacent land use is primarily agricultural, except for the Village of Mead, which is located north of the former NOP site.

The Former NOP became a Superfund site when the United States Environmental Protection Agency (EPA) placed it on the National Priorities List (NPL) in August 1990 due to identified groundwater contamination and associated potential risk to human health or the environment. The investigation of the former NOP has been divided into three Operable Units (OU1, OU2, and OU3) under the Interagency Agreement dated January 30, 1992 between the U.S. Department of the Army, EPA Region 7, and the Nebraska Department of Environmental Quality (NDEQ). OU1 includes explosives contaminated soils within the upper 4 feet. Incineration of the explosives contaminated soil for OU1 was completed in December 1997 in accordance with the OU1 Record of Decision (ROD). OU2 includes groundwater as well as explosives contaminated soil (exclusive of those addressed by OU1) which may be a contributing source of groundwater contamination. Ongoing OU2 activities include a groundwater removal action and construction activities in accordance with the OU2 ROD in order to hydraulically contain contaminated groundwater, provide a potable water supply to local groundwater users whose water supply is contaminated, and to monitor groundwater quality. OU3 includes the numerous areas at the site that were not covered under OU1 and OU2.

1.2 OU3 BACKGROUND

OU3 includes several waste disposal areas, landfills, underground storage tanks, buildings, streams, and other areas not evaluated under OU1 or OU2. The following three OU3 areas are the focus of this removal action:

- Load Line 2 Paint Operations Area.
- Load Line 4 Paint Operations Area.
- Potential Landfill North of Proving Grounds (Potential Landfill Area).

Based on the findings and conclusions presented in the OU3 Remedial Investigation (RI) Report, OU3 RI Addendum Report, and OU3 Baseline Risk Assessment, each of the above three OU3 areas were found to require a CERCLA Removal Action to remove antimony-contaminated soils.

Painting operations were performed on each of four load lines present at the former NOP; however, only the Load Line 2 and Load Line 4 Paint Operations Areas are addressed in this removal action. On each load line, the Receiving and Painting building was located south of the Inert Storage building. The Paint Storage and Mixing building was located east of the Receiving and Painting building. A South Paint Storage building was also located west of the Assembly, Pack, and Shipping building. See Figures 1-2 and 1-3 for the Load Line layouts.

The Environmental Monitoring Systems Laboratory (EMSL) report (EPA, 1987) identified a potential landfill area contiguous with the north side of the Proving Grounds and the northeast side of the North Burning Ground. The Potential Landfill Area was identified in a 1949 aerial photo and covered approximately 10 acres. The eastern one-half boundary of the area is covered by the Natural Resources District (NRD) Reservoir. See Figure 1-4 for the location of the Potential Landfill Area.

1.3 SUMMARY OF EXISTING SITE DATA

1.3.1 Load Lines 2 and 4 Paint Operations Areas

During the OU3 Phase I RI at the Load Line 2 and Load Line 4 Paint Operations Areas, soil samples were collected from 0 to 6 inches and 1 to 2 feet below ground surface (bgs) and analyzed for metals. At Load Line 2, a total of 56 individual shallow soil samples were collected from 22 sampling locations (see Figure 1-5). Potential chemicals of concern identified by the Baseline Risk Assessment (BRA) in surface soil at Load Line 2 were: antimony, arsenic, cadmium, cobalt, lead, mercury, and nickel (URS, 2000). At Load Line 4, a total of 58 individual shallow soil samples collected from 23 sampling locations (see Figure 1-6). Potential chemicals of concern identified by the BRA in surface soil at Load Line 4 were: antimony, cadmium, and lead (URS, 2000). As discussed in the OU3 RI Report, elevated concentrations of metals in soil at the Load Line 2 and 4 Paint Operations Areas appear to be isolated occurrences with limited vertical and horizontal extent. At Load Line 2, the elevated concentrations of metals are predominantly in the 0- to 6-inch sampling interval at three contiguous sampling locations along the east side of the Receiving and Painting Building. At Load Line 4, one sampling location on the east side of the Receiving and Painting Building showed an elevated concentration of metals in the 0- to 6-inch sampling interval (URS, 2007).

1.3.2 Potential Landfill Area

During the Phase I RI, 16 soil samples were collected from six Potential Landfill Area sampling locations (see Figure 1-7) and analyzed for explosives, metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). At each location, soil samples were collected from 0- to 6-inches and 1 to 2 feet bgs. At two of the six sampling locations (PL-2 and PL-6) soil samples were also collected from 4 to 5 feet and from 9 to 10 bgs. A Phase II RI was conducted to determine the horizontal extent of metals contamination in vicinity of the PL-1 sampling location, which had elevated contaminant concentrations. During the Phase II RI, 12 soil samples were collected at 3 new sampling locations (see Figure 1-7) and analyzed for explosives, metals, VOCs, and SVOCs. At each location, samples were collected from 0 to 6 inches, 1 to 2 feet, 4 to 5 feet and from 9 to 10 feet bgs. Samples were also collected at PL-1

from 4 to 5 feet and from 9 to 10 feet bgs to determine the vertical extent of contamination (URS, 2007).

A Phase III RI investigation was conducted at the Potential Landfill Area to evaluate the extent of explosives in soil. During the Phase III RI investigation, soil samples were collected from 35 test pits (PL-10 through PL-44) and analyzed for explosives (see Figure 1-7). At each new location, samples were collected from 0 to 6 inches, 1 to 2 feet, and 4 to 5 feet bgs. Depending on site-specific conditions (e.g., presence and depth of buried debris and/or results of High Explosives field screening), additional soil samples were collected at greater depths (URS, 2007).

Potential chemicals of concern identified by the BRA in soil at the Potential Landfill Area included a variety of explosives and SVOCs, antimony, cadmium, and lead. As discussed in the OU3 RI Report and RI Addendum, elevated concentrations of metals in soil at the Potential Landfill Area appear to be of limited vertical extent (predominantly in the uppermost 2 feet) and associated with a single sampling location (URS, 2007).

1.3.3 Baseline Risk Assessment

A Baseline Risk Assessment (BRA) was conducted to specifically address potential human health effects and ecological effects associated with contaminated media at OU3 exposure areas not previously addressed under BRAs for OU1 and OU2. The OU3 BRA incorporated data collected as part of the Phase I, II, and III RI sampling activities (URS, 2007).

The non-carcinogenic cumulative Hazard Index (HI) exceeded the threshold target of one for the Reasonable Maximum Exposure (RME) child resident scenario at the Load Line 2 Paint Operations Area, the Load Line 4 Paint Operations Area, and at the Potential Landfill Area. A HI greater than one indicates the potential for adverse health effects. Antimony was the chemical contributing the majority of the potential hazard at each exposure area. Soil ingestion was the exposure pathway contributing the majority of the hazard (URS, 2007)

Potential excess cancer risks were within, or below, the EPA acceptable risk range of 1×10^{-4} to 1×10^{-6} (i.e., 1 in 10,000 to 1 in 1,000,000) for all scenarios and areas evaluated (URS, 2007).

1.3.4 Additional Information

Additional information may be obtained from the following previous investigation reports:

- OU3 Feasibility Study Report with Engineering Evaluation and Cost Analysis Addendum dated March 2007.
- OU3 Feasibility Study dated December 2000.
- OU3 Baseline Risk Assessment dated February 2000.
- OU3 Remedial Investigation Addendum dated February 2000.
- OU3 Remedial Investigation dated May 1997.

1.4 SCOPE AND OBJECTIVES

The Removal Action Objective (RAO) for OU3 as described in the Action Memorandum (USACE, 2007) is "to minimize the potential for ingestion of contaminated soils that are above risk based standards for antimony." This removal action was designed to meet this RAO as well as all applicable or relevant and appropriate requirements (ARARs) as identified in the Engineering Evaluation/Cost Analysis (EE/CA) (URS, 2007).

The Final Action Memorandum (USACE, 2007) was issued in December 2007 and is included as Appendix A. The selected alternative was excavation and off-site disposal of all soils contaminated with antimony above 31 milligrams per kilogram (mg/kg). This value corresponds to the values for the residential EPA Region 9 Preliminary Remediation Goal (PRG), EPA Region 6 Media-Specific Screening Level (MSSL), and EPA Region 3 Risk-Based Concentration (RBC), which are all based on protection of a child resident as the most sensitive receptor.

The Removal Action in each area was designed to address an isolated and contiguous area of elevated concentrations of antimony in the soil ranging in depth from one to four feet, depending on the area. The planned preliminary excavation areas are shown in Figures 1-8 through 1-10.

2.0 PRE-CONSTRUCTION ACTIVITIES

The following sections describe the activities that were conducted prior to the actual removal action. A chronology of events related to this removal action is provided as Table 2-1.

2.1 INITIAL SITE VISIT

An initial site visit was conducted on November 8, 2007 to accomplish the following tasks prior to mobilization:

- Obtain access to each site prior to mobilization
- Determine temporary field office location.
- Establish heavy equipment and truck decontamination locations for each excavation area
- Locate and mark the areas to be excavated
- Collect soil samples to submit for analysis for waste characterization/disposal profiling
- Identify location of backfill material
- Collect soil sample to characterize backfill/topsoil material
- Determine location to stockpile backfill
- Collect bulk soil sample for geotechnical testing.

A brief work plan for the site visit was completed and approved by USACE prior to the site visit. During the initial site visit, Kingston personnel met with USACE and UNL-ARDC representatives. During the site visit the location for the field trailer, temporary decontamination pads, and haul road routes were determined and arrangement made for potable water.

2.1.1 Soil Characterization Sampling

During the initial site visit waste characterization soil samples were collected from Load Line 2 and Load Line 4 excavation areas for analysis. These samples were each collected at the location of the historical sample with the highest detected concentration of antimony in the removal area: P2A-003 from 0 to 6 inches for Load Line 2 and P4A-001 from 0 to 6 inches for Load Line 4 (see Figures 1-8 and 1-9). The Potential Landfill Area was not sampled at that time because of unexploded ordnance (UXO) concerns, but would be sampled at the beginning of the removal work when UXO specialists were present. The waste characterization sample results are presented on Table 2-2. Waste profile documentation was completed using the analytical results and submitted to the Butler County Landfill in David City, Nebraska for approval to accept the excavated soils as special (non-hazardous) waste. Copies of the special waste disposal requests, sampling results, and landfill approvals are provided in Appendix B.

2.1.2 Soil Verification Sampling

To verify that the backfill/topsoil that was to be transported from an off-site source was free from contaminants, one soil sample was collected. The backfill source was an undisturbed area at the Butler County Landfill near David City, NE, which the landfill will be using to obtain cover soil

from. See Figure 2-1 for the location of the borrow area. The VOC portion of the sample was collected as a grab sample, and the remainder of the sample was collected as a four-point composite sample. Four aliquots evenly distributed throughout the location of the borrow soil were combined and homogenized before placement in sample containers. The sample was collected, labeled, shipped, and analyzed using the methods described in the WP. In addition, a bulk sample was collected and submitted to a geotechnical laboratory for grain size analysis and density testing.

Results of the backfill verification sampling are provided in Appendix C and summarized there in Table C-1. Backfill sample results were submitted to EPA and NDEQ. The only detected constituents in the proposed backfill soil were metals. This indicates that the soil is from a clean/unimpacted source. Metals concentrations were generally similar to background concentrations for the area, with the exception of thallium which was below its EPA Region 6 Human Health Medium-Specific Screening Level (EPA, 2008).

2.2 CERCLA OFF-SITE RULE APPROVAL

Approval by NDEQ and EPA of off-site disposal of the contaminated soils at the Butler County Landfill was requested prior to soil disposal in compliance with the CERCLA Off-Site Rule (40 CFR 300.440). The Application for Approval to Receive CERCLA Off Site Waste at a Solid Waste Disposal Facility was submitted to NDEQ on February 29, 2008. NDEQ began a required 10-day public notice period regarding the waste disposal on March 14, 2008. The 10-day public notice period was completed without any public comments submitted to NDEQ. Final approval to dispose of the soils at the Butler County Landfill was granted on April 21, 2008. Copies of the request form, public notice, and approval are available in Appendix D.

2.3 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC) PROBABILITY ASSESSMENT

Prior to conducting fieldwork at the Potential Landfill Area, a Munitions and Explosives of Concern (MEC) Probability Assessment had to be conducted due to past discoveries of UXO in the vicinity of the site. The Probability Assessment was issued March 27, 2008 and determined that the probability of encountering MEC during removal activities was "Low". The Probability Assessment is included as Appendix E.

The MEC Probability Assessment is a document required by USACE for work on USACE projects where MEC might be encountered in order to determine and document the amount of UXO oversight required for a given project. This Probability Assessment is meant for only the antimony contaminated soil removal project at the Potential Landfill Area site. Guidance and support for this Probability Assessment came from USACE’s Military Munitions Center in Huntsville, Alabama.

3.0 CONSTRUCTION ACTIVITIES

The following sections describe the removal activities conducted at each of the three OU3 removal areas. A chronology of events related to this removal action is provided in Table 2-1. Photographs of all stages of the fieldwork are available in Appendix F. A copy of the project logbook is included in Appendix M.

Kingston Environmental Services (Kingston) personnel and equipment were initially mobilized to the site on April 14, 2008. A staging area was established for equipment at Load Line 4 as planned. Areas to be excavated at Load Line 2 and Load Line 4 were measured in from the building foundations and marked with stakes. Kingston personnel met with UNL facility representatives and local utility representatives/locators to discuss the work and ensure that all utilities were marked.

Water for equipment decontamination and for watering seeded areas was obtained from the north fire hydrant near Load Line 4 with the agreement of UNL. A backflow preventer was utilized on the fire hydrant while obtaining water. The total water usage for the project was approximately 6,700 gallons.

3.1 POTENTIAL LANDFILL AREA

The day following Kingston mobilization to the site, two UXO specialists from subcontractor PIKA International, Inc. were mobilized to the site as planned. Work at the Potential Landfill Area began with the PIKA representatives surveying the work area and area to be excavated. The corners of the area to be excavated were located using a Trimble GeoXT Global Positioning System (GPS) unit with submeter field accuracy and staked.

The location of former sample PL-1 was also located using the GPS unit so that a waste characterization sample could be collected from this location. Former sample location PL-1 from 1 to 2 feet bgs contained the highest historical detection of antimony within the removal area. The waste characterization sample, PLA-001-FS-0408-G, was therefore collected at this location from a depth of 1 to 2 feet bgs using a stainless steel hand auger according to the procedures outlined in the WP. The sample was then labeled, packaged, and shipped to the laboratory for analysis following the procedures in the WP.

The waste characterization sample from the Potential Landfill Area was not collected until immediately before excavation activities because UXO specialists were required to be present for all intrusive work there. Therefore, the Work Plan specified the excavated soil from the Potential Landfill Area to be stockpiled until the waste characterization sample results were received and landfill disposal approval granted, unlike at Load Line 2 and Load Line 4 where soil was able to be loaded directly onto trucks.

Silt fence was installed along the northern and western sides of the excavation and stockpile areas (the downslope direction). Two layers of 6-mil polyethylene sheeting were laid down and held down by sandbags for the stockpile area. Reinforced 6-mil polyethylene sheeting was supposed to have been used to line the stockpile area, however it was unavailable at the time of fieldwork. Therefore, two layers of regular 6-mil sheeting were substituted.

Small trees were present at the southeastern edge of the excavation and were removed using the excavator. These trees were later taken to a brush pile specified by UNL-ARDC near Load Line 4. No other brush clearing was required at the site.

Excavation began at the northeast corner of the excavation. Soil was removed from within the eastern and western limits in a southerly direction in two-foot lifts to allow inspection by the PIKA UXO specialists. Instead of removing the entire excavation to 2 feet, inspecting it, and then excavating the remaining 2 feet as described in the WP; it was determined in the field that it would be more efficient to have the excavator remove the area it could reach to 2 feet, have it inspected by the PIKA UXO specialists, then remove that area to 4 feet, move the excavator and then repeat these steps.

Soil was stockpiled immediately to the south of the excavation in the area previously prepared with polyethylene sheeting (see Figure 3-1).

PIKA representatives cleared all areas before any intrusive activities were conducted (including driving stakes, installing silt fence, excavating, etc.) and observed all intrusive activities as they were being conducted. Additionally, one of the PIKA representatives observed the soils being stockpiled to ensure no UXO or munitions debris were present. No UXO or munitions debris were observed at any time during the project.

No visible dust was present during excavation activities. However, due to high winds the first day of excavation at the Potential Landfill Area, dust was monitored for that day using a PDR-1000 airborne particulates monitor. Results were well below the action limit set in the Site Safety and Health Plan.

A seam of debris which appeared to be a former disposal trench ran through the excavation in a roughly northeast to southwest direction and contained a variety of debris including ceramic dishes, glass jars, scrap metal, wood, ash, and a hard rock-like yellow material with paper layers determined to most likely be waste paint and/or paint filters. Much of the debris had been burned at some point.

Near the end of the first day of excavation at the Potential Landfill Area, a pocket of transite tiles (which are asbestos-containing materials) was encountered. Work was temporarily stopped and Kingston contacted the USACE project manager to inform him of the find. NDEQ and EPA were subsequently notified of the find early the next day.

Construction fencing was placed around the excavation area and the site was secured for the night. The next day excavation was continued at the site, but avoiding the area containing the pocket of transite tiles, leaving them undisturbed further until a certified Nebraska Asbestos Inspector could arrive at the site.

A certified Nebraska Asbestos Inspector from ATC Associates Inc. out of Omaha, Nebraska arrived at the site the morning of April 16, 2008. He generally confirmed that the transite tiles were an asbestos-containing material. Under his direction, the transite tiles and associated soil were moved to a stockpile separate from the main soil stockpile (see Figure 3-1), placed on polyethylene sheeting, and covered with polyethylene sheeting. This stockpile totaled

approximately 3 cubic yards worth of transite tiles mixed with soil. The inspector's report is provided in Appendix G.

Three samples of the transite tiles were collected and delivered to the Kingston Environmental Laboratory, a National Voluntary Laboratory Accreditation Program (NVLAP) certified asbestos laboratory, for asbestos analysis by polarized light microscopy. The analysis confirmed the tiles each contained 14% chrysotile asbestos. A copy of the laboratory report is provided in Appendix G.

Excavation at the Potential Landfill Area then continued until the planned excavation limits were reached. All soil within the delineated excavation area was removed to a depth of 4 feet, totaling approximately 565 cubic yards. The confirmation sample grid then was laid out within the excavation. Nine composite confirmation samples plus one duplicate were collected for analysis of antimony in accordance with the WP. See Figure 3-2 for the initial excavation boundaries and layout of the confirmation sample locations.

The stockpiled soil was contoured and then covered with polyethylene sheeting. Additional silt fence was also installed to the east and south of the main stockpile. The coordinates of the final limits of the soil stockpile, as well as those of the transite tile stockpile, were recorded using GPS and are available in Appendix H. See Figure 3-1 for the stockpile locations.

Equipment was decontaminated the next day before moving it to another site while awaiting the confirmation sample results.

Confirmation sample results, as well as the Potential Landfill Area waste characterization sample results, were received from Teklab Inc. via email on April 18, 2008. Waste characterization sample results are presented on Table 2-2. Confirmation sample results are presented on Table 3-1 and data validation is presented in the Quality Control Summary Report (QCSR) attached as Appendix I. One confirmation sample, PLA-004-FS-0408-C, collected from the west wall of the excavation exceeded the removal goal of 31 mg/kg.

Subsequently, per the WP, an additional one foot of soil was removed from the west wall of the Potential Landfill Area excavation to a depth of four feet bgs. This additional soil was approximately 10 cubic yards, for a total of approximately 575 cubic yards of soil removed from the Potential Landfill Area.

One additional four-point composite confirmation sample was collected from the west wall and submitted to the laboratory for analysis of antimony. The result of this confirmation sample was below the removal goal (see Table 3-1 and Appendix I). Therefore, the excavation was determined to be complete. The coordinates of the final limits of the excavation were recorded using GPS and are available in Appendix H. See Figure 3-3 for the final excavation limits and the location of the final confirmation sample.

Waste characterization sample results from the Potential Landfill Area were used to complete waste profiles and submitted to the Butler County Landfill for disposal approval of both the main stockpile of antimony-contaminated soil and for the stockpile of asbestos containing transite tiles and associated soil. Copies of the approvals are provided in Appendix B.

Transportation and disposal of main soil stockpile at the Potential Landfill Area then began and was completed in two days. The truck loading area was lined with 6-mil polyethylene sheeting secured by sandbags. All trucks were inspected before leaving the site in accordance with the WP. Soil was transported to the Butler County Landfill near David City, NE for disposal. Manifests, weigh tickets, and certification of disposal are provided in Appendix J.

Backfill soil was then brought in from the Butler County Landfill borrow area. The excavation was backfilled to 2 feet and compacted. Compaction testing was conducted and determined to be acceptable. The excavation was then backfilled an additional two feet, leaving the top 4-inches unfilled, and compacted. Additional compaction testing was performed at this level and found to be acceptable. Subsequently topsoil was brought in to fill the top 4-inches of the excavation. Weigh tickets for the backfill and topsoil material are available in Appendix K.

The backfilled area was then tilled and seeded with Kentucky 31 Fescue with Rye mix, and watered the next day.

On May 6, 2008, Kingston submitted the National Emissions Standards for Hazardous Air Pollutants (NESHAP) Notification of Demolition and Renovation for the transite tile stockpile removal at the Potential Landfill Area to the Nebraska Department of Health and Human Services (DHHS). DHHS informed Kingston that they could not grant a waiver of the 10 business day notification period, despite Kingston previously being assured they could. Therefore the transite tile and associated soil could not be removed until May 21, 2008. A copy of the notification and DHHS's approval are provided in Appendix G.

On May 21, 2008, the transite tile and associated soil stockpile was removed from the site under the supervision of a Nebraska certified Asbestos Supervisor from Kingston. This stockpile was also transported to and disposed of at the Butler County Landfill. The removal was inspected by an independent asbestos inspector from ATC Associates Inc. The transite tiles were removed and disposed of in accordance with all applicable requirements and regulations for asbestos-containing materials. The report for the removal of these materials, including waste manifest and disposal documentation, which was submitted to Nebraska DHHS is provided in Appendix G. The area where this stockpile was located was then also restored.

3.2 LOAD LINE 2

Prior to beginning excavation at Load Line 2, silt fence was installed to the east of the site. The loading area for trucks was prepared by lining it with two layers of 6-mil polyethylene sheeting secured by sandbags. No vegetation clearing was required.

The WP had called for soil to be removed from north to south within the excavation area. However, a decision was made in the field to remove the soil starting at the south end of the excavation to facilitate truck loading and improve containment in the loadout area. Dried yellow paint was noted mixed in with some of the soil excavated from the site.

A length of empty conduit was discovered at a depth of 6-inches, approximately 5 feet north of the known gas line during excavation at Load Line 2. The conduit originated within the concrete wall on the west side of the excavation and terminated approximately 10 feet to the east, where it was not attached to anything. UNL maintenance was called to the site to help determine the

nature of the conduit. The conduit was empty and had no odor. At the direction of UNL the empty conduit was removed.

All soil within the excavation area was removed to a depth of 1 foot as planned and directly loaded onto trucks and transported to the Butler County Landfill for disposal. A total of approximately 310 cubic yards of soil were removed. All trucks were inspected before leaving the site in accordance with the WP. Waste manifests and weigh tickets are provided in Appendix J.

The day after excavation was completed, thirteen composite confirmation samples plus one duplicate were collected in accordance with the WP and sent to the laboratory for analysis of antimony. A confirmation sample could not be collected from the west wall of the excavation because the concrete along that wall continued deeper than the depth of the excavation, preventing collection of soil from that excavation wall. Confirmation sample results are presented on Table 3-2 and data validation is presented in the QCSR attached as Appendix I. All confirmation sample results were below the removal goal of 31 mg/kg antimony. The excavation was therefore determined to be complete. The coordinates of the final limits of the excavation were recorded using GPS and are available in Appendix H. See Figure 3-4 for the final Load Line 2 excavation boundaries and layout of the confirmation sample locations.

Backfill and topsoil were subsequently brought in from the Butler County Landfill borrow area and the excavation was backfilled. Backfill was compacted by two passes of construction equipment. The top 4-inches of the excavation were backfilled with topsoil. Weigh tickets for the backfill and topsoil material are available in Appendix K.

The backfilled area was then tilled, seeded with Kentucky 31 Fescue with Rye mix, and watered.

3.3 LOAD LINE 4

Prior to beginning excavation at Load Line 4, silt fence was installed to the east of the site. It was determined that the waste transportation trucks could not get over the foundation wall and onto the concrete pad as planned; therefore, a load of rock was brought in to form a ramp to enable the trucks to get onto the pad. The loading area for trucks was prepared by lining it with polyethylene sheeting secured by sandbags. No vegetation clearing was required.

At the request of UNL-ARDC, extra care was taken to avoid disturbing experimental hay bales set up around the site and near the excavation area.

Soil was removed starting at the north end of the excavation and working southward in accordance with the WP. All soil within the excavation area was removed to a depth of 1 foot as planned and directly loaded onto trucks and transported to the Butler County Landfill for disposal. Approximately 100 cubic yards of soil were removed. All trucks were inspected before leaving the site in accordance with the WP. Waste manifests and weigh tickets are provided in Appendix J.

The day after excavation was completed, seven composite confirmation samples plus one duplicate were collected and sent to the laboratory for analysis of antimony in accordance with the WP. A confirmation sample could not be collected from the west wall of the excavation

because the concrete along that wall continued deeper than the depth of the excavation, preventing collection of soil from that excavation wall. See Figure 3-5 for the initial excavation boundaries and layout of the confirmation sample locations.

During shipment of these samples, the cooler handle with the shipping label attached apparently separated from the sample cooler, resulting in the cooler containing the confirmation samples being lost for a day in shipment. Therefore, it was determined that Load Line 4 should be resampled. Another round of confirmation samples were collected from Load Line 4 the following day and shipped to the laboratory without incident.

Confirmation sample results are presented on Table 3-3 and data validation is presented in the QCSR attached as Appendix I. Three confirmation samples from the floor of the excavation exceeded the removal goal of 31 mg/kg: LL4-005-FS-0408-C (northeast corner of excavation) at 34.4mg/kg; LL4-009-FS-0408-C (northwest corner, duplicate sample) at 34.5 mg/kg; and LL4-008-FS-0408-C (southwest corner) at 83.8 mg/kg.

Subsequently, per the WP, an additional one foot of soil was excavated from each of these three floor grid cells and disposed of. The additional excavation removed approximately 75 cubic yards of soil, for a total of 175 cubic yards of soil removed from Load Line 4. Waste manifests and weight tickets for the additional soil also are provided in Appendix J. Note that the concrete wall on the west side of the excavation continued deeper than the 2 feet of excavation.

A composite confirmation sample was then collected from each of the three floor grid cells which had been further excavated and submitted to the laboratory for analysis of antimony. The results of these confirmation samples were all below the removal goal of 31 mg/kg (see Table 3-3). Therefore, the excavation was determined to be complete. The coordinates of the final limits of the excavation were recorded using GPS and are available in Appendix H. See Figure 3-6 for the final Load Line 4 excavation boundaries and layout of the additional confirmation sample locations.

Backfill and topsoil were subsequently brought in from the Butler County Landfill borrow area and the excavation was backfilled. Backfill was compacted by two passes of construction equipment. The top 4-inches of the excavation were backfilled with topsoil. Weigh tickets for the backfill and topsoil material are available in Appendix K.

The backfilled area was then tilled, seeded with Kentucky 31 Fescue with Rye mix, and watered.

3.4 WASTEWATER DISPOSAL

Wastewater from decontaminating equipment and personnel was stored in a plastic storage tank staged near Load Line 4. After all excavation had been completed and equipment decontaminated, one sample was collected from the plastic storage tank and sent to the laboratory for analysis of metals in accordance with the WP. The sample results are available in Appendix L and are summarized on Table 3-4.

The wastewater was subsequently pumped into a liquid vacuum truck for temporary storage, since all other equipment was being demobilized from the site.

Once the wastewater characterizations sample results were received, they were then sent to ECC, the contractor in charge of the Mead Water Treatment Plant, and NDEQ for approval of disposal of the wastewater at the Mead Water Treatment Plant. Approvals were granted by both ECC and NDEQ on May 19, 2008 via email. Although the treatment plant was designed for the adsorption of organics and explosives, an evaluation was conducted by the treatment plant engineer. The plant engineer determined the treatment plant could accept the wastewater as long as it was limited to 350 gallons. A copy of NDEQ's concurrence is provided in Appendix L.

An approximate total of 350 gallons of wastewater was subsequently transported to the Mead Water Treatment Plant in the vacuum truck and disposed of there on May 21, 2008.

3.5 DEMOBILIZATION

A preliminary site walkthrough was conducted on May 16, 2008 with the UNL-ARDC Facility Manager and UNL Superintendant. Site restoration was considered to be generally acceptable. Items which had not been completed at that time were disposal of the wastewater, removal of the transite tile stockpile, and removal of the silt fences.

Most equipment was demobilized from the former NOP on May 16, 2008, and the rest was demobilized on May 21, 2008 after the transite tile stockpile was removed (see Section 3.1) and the wastewater disposed of (see Section 3.4)

Silt fence was left in place until grass began to be established. On June 6, 2008 Kingston remobilized to the site and removed the silt fence at all three areas. The areas where the silt fence had been located were then regraded and seeded. At the Potential Landfill Area, additional grass seed was also placed in an area not recovering as quickly, where trucks had driven south of the stockpile location.

3.6 DATA VALIDATION

Confirmation sample data was validated in accordance with the Kansas City District Data Quality Evaluation Guidance (USACE, 2003) and the USACE Data Quality Evaluation Guidance (USACE, 2001). All data quality indicators were within quality control limits as specified in the QAPP. Qualifiers were assigned based on laboratory quality control criteria (e.g., "J" qualifiers for results estimated below the reporting limit), but no qualifiers were assigned based on the data validation. Overall field completeness for the project was 100%, acceptable data completeness was 100%, and quality data completeness was 100%. Detailed results of the data validation and quality evaluation are presented in the QCSR, which is attached as Appendix I.

3.7 VERIFICATION SAMPLING

As part of the post excavation work at OU3, antimony verification sampling was completed on October 8, 2008. Verification sampling was limited to native soils beneath the soil stockpile areas, decontamination areas, and truck loading areas. The verification sampling Work Plan Addendum may be found in Appendix N of this report which details the sampling procedures. Actual sample locations corresponded to the figures in the Verification Sampling Work Plan Addendum.

At the Potential Landfill Area the four corners of the Antimony Soil Stockpile and the Asbestos Stockpile were determined from the survey data in Appendix H of this report and a Trimble GPS Unit. The decontamination area and the truck loading area were not originally surveyed and were inferred from the figures in the Verification Sampling Work Plan.

Additionally, the locations of the decontamination area and the truck loading area at Load Lines 2 and 4 were not originally surveyed and their locations were also inferred from the figures in the Verification Sampling Work Plan.

All verification samples were analyzed for antimony through EPA Method 7041. Verification sampling results are presented in Table 3-5. All verification sampling results were below the removal goal of 31 mg/kg for antimony. Data validation is presented in the QCSR attached as Appendix O.

4.0 SUMMARY AND CONCLUSIONS

4.1 SUMMARY

This Non-Time Critical Removal Action was performed in order to address potential human health hazards posed by antimony in soil at the following three OU3 areas in accordance with the Action Memorandum:

- Load Line 2 Paint Operations Area.
- Load Line 4 Paint Operations Area.
- Potential Landfill North of Proving Grounds (Potential Landfill Area).

The selected alternative was excavation and off-site disposal of all soils contaminated with antimony above 31 mg/kg. This value corresponds to the values for the residential EPA Region 9 PRG, EPA Region 6 MSSL, and EPA Region 3 RBC, which are all based on protection of a child resident as the most sensitive receptor.

4.1.1 Potential Landfill Area

Excavation began with the Potential Landfill Area, which was excavated to a depth of four feet bgs starting at the north end and working southward. All excavation activities were observed by UXO specialists from PIKA International, Inc. as specified in the WP. The excavated soil was temporarily stockpiled to the south of the excavation. During excavation of the Potential Landfill Area, a pocket of soil containing transite tiles, an asbestos-containing material, was discovered. This material was moved to a separate stockpile location under the direction of a Nebraska certified Asbestos Inspector.

Once excavation at the Potential Landfill Area was complete, confirmation samples were collected and analyzed for antimony. One confirmation sample, from the west wall of the excavation, exceeded the removal goal of 31 mg/kg. Subsequently, an additional 1 foot was excavated to the west to a depth of 4 feet bgs. An additional confirmation sample was collected from the new west wall of the excavation. This sample was below the removal goal.

Stockpiled soil was loaded onto trucks and transported to the Butler County Landfill near David City, Nebraska for disposal. The transite tile stockpile was also later removed under supervision of a Nebraska certified Asbestos Supervisor and transported to the Butler County Landfill for disposal.

The excavation was backfilled with borrow material obtained from the Butler County Landfill and compacted. Compaction testing was performed at 2 feet and at 4 feet of backfill placement and found to be acceptable. Topsoil was then placed on the top 4 inches of the excavation. The topsoil was tilled, seeded, and watered. Once the grass had time to become established, silt fence was removed from the site and final restoration was performed.

4.1.2 Load Line 2

Load Line 2 was excavated to a depth of 1 foot, starting at the north end of the excavation and proceeding southward. Soil was directly loaded onto trucks for transportation to the Butler County Landfill for disposal. During excavation, a length of empty conduit, approximately 10 feet long, was discovered at a depth of 6-inches, approximately 5 feet north of the known gas line during excavation at Load Line 2. The conduit was empty and had no odor. At the direction of UNL, the empty conduit was removed.

After excavation was completed, confirmation samples were collected and analyzed for antimony. A confirmation sample could not be collected from the west wall of the excavation because the concrete along that wall continued deeper than the depth of the excavation, preventing collection of soil from that excavation wall. All confirmation sample results were below the removal goal of 31 mg/kg antimony.

Backfill and topsoil were subsequently brought in from the Butler County Landfill borrow area and the excavation was backfilled. Backfill was compacted by two passes of construction equipment. The top 4-inches of the excavation were backfilled with topsoil. The backfilled area was then tilled, seeded, and watered. Once the grass had time to become established, silt fence was removed from the site and final restoration was performed.

4.1.3 Load Line 4

Load Line 4 was initially excavated to a depth of 1 foot, starting at the north end of the excavation and working southward. The excavated soil was directly loaded onto trucks and transported to the Butler County Landfill for disposal.

After excavation was completed, confirmation samples were collected and analyzed for antimony. A confirmation sample could not be collected from the west wall of the excavation because the concrete along that wall continued deeper than the depth of the excavation, preventing collection of soil from that excavation wall. Confirmation samples had to be recollected at Load Line 4 after the initial cooler of samples was temporarily lost in shipment.

Three confirmation samples from the floor of the excavation exceeded the removal goal of 31 mg/kg antimony. Subsequently, an additional one foot of soil was excavated from each of the three floor grid cells. Confirmation samples were then collected from each of the floor grid cells which had been further excavated. The results of these confirmation samples were all below the removal goal of 31 mg/kg.

Backfill and topsoil were subsequently brought in from the Butler County Landfill borrow area and the excavation was backfilled. Backfill was compacted by two passes of construction equipment. The top 4-inches of the excavation were backfilled with topsoil. The backfilled area was then tilled, seeded, and watered. Once the grass had time to become established, silt fence was removed from the site and final restoration was performed.

4.2 CONCLUSIONS

All soil contaminated with antimony above the removal goal of 31 mg/kg at each of the three OU3 areas has been removed. Each area has been backfilled and satisfactorily restored to its original condition. Therefore, all RAOs have been achieved in accordance with the Action Memorandum.

5.0 REFERENCES

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TABLES

TABLE 2-1
Removal Action Chronology

Date	Events
12/18/2007	The Action Memorandum for OU3 was signed.
4/10/2008	The Draft Final Work Plan was submitted to the United States Environmental Protection Agency (EPA), Nebraska Department of Environmental Quality (NDEQ), and University of Nebraska at Lincoln (UNL).
4/14/2008	Personnel and equipment were mobilized to the former Nebraska Ordnance Plant (NOP) to conduct the fieldwork. UNL and utilities representatives were met with. Silt fence was installed at Load Line 2 and Load Line 4.
4/15/2008	Excavation began at the Potential Landfill Area. Near the end of the day, transite tiles (an asbestos-containing material) were discovered during excavation at the Potential Landfill Area. Work was halted temporarily.
4/16/2008	A Nebraska-Certified Asbestos Inspector was called to the Potential Landfill Area, and under his supervision the transite tile and associated soil was stockpiled separately near the excavation for later disposal. Excavation of the Potential Landfill Area was then completed without incident and confirmation samples were collected.
4/17/2008	Kingston decontaminated equipment and set up at Load Line 4; however, excavation at Load Line 4 could not commence because the signed CERCLA Off-Site Rule Landfill Approval form had not yet been received.
4/18/2008	Personnel were demobilized from the field. The Potential Landfill Area confirmation sample results and waste characterization sample results were received. One confirmation sample from the west wall of the Potential Landfill Area excavation exceeded the cleanup goal.
4/21/2008	The signed CERCLA Off-Site Rule Landfill Approval form was received in the late afternoon. Because earlier in the day it was unknown when this approval would be granted, and it was assumed it would be later in the week, field personnel had been reassigned to another project for the week. Therefore, no fieldwork was conducted for the week of April 21.
4/24/2008	Approval was received from the Butler County Landfill for disposal of Potential Landfill Area soils and for the transite tile and associated soil.
4/28/2008	Personnel were remobilized to the field. Load Line 4 was excavated and confirmation samples were collected.
4/29/2008	Load Line 4 confirmation samples were lost in shipment. The Load Line 4 excavation was resampled. Load Line 2 was excavated.
4/30/2008	Began hauling the Potential Landfill Area stockpiled soil to the Butler County Landfill. The additional excavation at the Potential Landfill Area was completed. Began collecting confirmation samples at Load Line 2.
5/1/2008	Completed hauling the Potential Landfill Area soil stockpile to the landfill. Completed confirmation sampling at Load Line 2 and performed confirmation sampling at the Potential Landfill Area in the area of the additional excavation.
5/1/2008	The Load Line 4 confirmation sample results were received. Three confirmation samples from the Load Line 4 excavation floor exceeded the cleanup goal.

Date	Events
5/2/2008	Personnel were demobilized from the field.
5/5/2008	The Load Line 2 and additional Potential Landfill Area confirmation sample results were received. All results were below the cleanup goal.
5/6/2008	Personnel were remobilized to the field. Backfilling began at Load Line 2 and the Potential Landfill Area. Potential Landfill Area is backfilled to 2 feet.
5/6/2008	Kingston submitted the NESHAP Notification of Demolition and Renovation for the transite tile and associated soil removal at the Potential Landfill Area to the Nebraska Department of Health and Human Services (DHHS). DHHS informed Kingston that they could not grant a waiver of the 10 business day notification period, despite Kingston previously being assured they could. Therefore the transite tile and associated soil will not be able to be removed until May 21.
5/7/2008	No fieldwork was conducted due to rain.
5/8/2008	Compaction testing was performed at the Potential Landfill Area at the 2 foot level and found acceptable. Load Line 2 was backfilled.
5/9/2008	No fieldwork was conducted due to rain. Personnel demobilized from the site for the weekend.
5/12/2008	Personnel were remobilized to the field. Conducted additional excavation at Load Line 4 and collected confirmation samples. Additionally, a sample of the wastewater was collected and sent it to the laboratory for analysis. Backfilled additional 2 feet at the Potential Landfill Area and compacted it.
5/13/2008	Compaction testing was performed at the Potential Landfill Area at the 4 foot level and found acceptable. Topsoil was placed at Load Line 2 and the Potential Landfill Area.
5/14/2008	Load Line 2 was tilled and seeded. Additional topsoil was brought in to the Potential Landfill Area.
5/14/2008	Preliminary confirmation and wastewater sample results were received for the additional excavation at Load Line 4. All confirmation results were below the cleanup goal.
5/15/2008	Load Line 4 was backfilled and topsoil was placed. Load Line 4 and the Potential Landfill Area were tilled and seeded.
5/15/2008	Preliminary wastewater characterization results were submitted to ECC for approval to dispose of the wastewater at the Mead Water Treatment Plant.
5/16/2008	All three areas were watered. Most large equipment demobilized from the site.
5/16/2008	The final Load Line 4 confirmation sample results and wastewater sample results were received and forwarded to ECC.
5/19/2008	Wastewater sample results were sent to NDEQ with request for approval of disposal at the Mead Water Treatment Plant.
5/19/2008	Received approval from ECC and NDEQ for disposal of the wastewater at the Mead Water Treatment Plant.

Date	Events
5/21/2008	Asbestos-contaminated soil pile removed from the Potential Landfill Area. Wastewater disposed of at the Mead Water Treatment Plant. All equipment and personnel demobilized from the site.
6/6/2008	Silt fence removed at all three sites and final restoration conducted.

TABLE 2-2
Waste Characterization Sample Results

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	Potential Landfill Area	TCLP Limit or Other Criteria
ASTM D92 (ºF)				
Ignitability, Open Cup	>200	>200	>200	NA
SW-846 1311, 3010A, 6010B, Metals in TCLP Extract by ICP (mg/L)				
Arsenic	<0.25	<0.250	<0.250	5
Barium	1.41	0.576	1.04	100
Cadmium	0.03	<0.0200	<0.0200	1
Chromium	0.135	<0.100	<0.100	5
Lead	1.01	0.661	<0.400	5
Selenium	<0.500	<0.500	<0.500	1
Silver	<0.100	<0.100	<0.100	5
SW-846 1311, 3510C, 8270C, Semi-Volatiles in TCLP Extract by GC/MS (mg/L)				
2,4,5-Trichlorophenol	ND	ND	ND	400
2,3,6-Trichlorophenol	ND	ND	ND	2
2,4-Dinitrotoluene	ND	ND	ND	0.13
Cresols, Total	ND	ND	ND	200
Hexachlorobenzene	ND	ND	ND	0.13
Hexachlorobutadiene	ND	ND	ND	0.5
Hexachloroethane	ND	ND	ND	3
m,p-Cresol	ND	ND	ND	200
Nitrobenzene	ND	ND	ND	2
o-Cresol	ND	ND	ND	200
Pentachlorophenol	ND	ND	ND	100
Pyridine	ND	ND	ND	5
SW-846 1311, 5030, 8260B, Volatile Organic Compounds in TCLP Extract by GC/MS (mg/L)				
1,1-Dichloroethene	ND	ND	ND	0.7
1,2-Dichloroethane	ND	ND	ND	0.5
1,4-Dichlorobenzene	ND	ND	ND	7.5
2-Butanone	ND	ND	ND	200
Benzene	ND	ND	ND	0.5
Carbon tetrachloride	ND	ND	ND	0.5
Chlorobenzene	ND	ND	ND	100
Chloroform	ND	ND	ND	6
Tetrachloroethene	ND	ND	ND	0.7
Trichloroethene	ND	ND	ND	0.5
Vinyl chloride	ND	ND	ND	0.2
SW-846 1311, 7470A in TCLP Extract (mg/L)				
Mercury	<0.00020	0.00007 J	0.00013 J	0.2
SW-846 3550B, 8082, Polychlorinated Biphenyls (PCBs) by GC/ECD (µg/Kg)				
Aroclor 1016	ND	ND	ND	50000
Aroclor 1221	ND	ND	ND	50000
Aroclor 1232	ND	ND	ND	50000
Aroclor 1242	ND	ND	ND	50000
Aroclor 1248	ND	ND	ND	50000
Aroclor 1254	ND	ND	ND	50000
Aroclor 1260	17 J	ND	ND	50000
Polychlorinated Biphenyls (Total)	17 J	ND	ND	50000

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	Potential Landfill Area	TCLP Limit or Other Criteria
SW-846 9010B, 9014 (mg/Kg)				
Cyanide	0.28 J	0.26 J	<0.49	NA
SW-846 9023 (mg/Kg)				
Extractable Organic Halogens (EOX)	<100	147	<5.00	1000
SW-846 9034 (Reactive) (mg/Kg)				
Sulfide, Reactive	<9.9	<9.9	<9.6	NA
SW-846 9045C				
pH (1:1)	7.25	6.16	7.56	2-12.5
SW-846 9065 (mg/Kg)				
Phenols	2.54	1.29	1.3	NA
SW-846 9095				
Paint Filter	Pass	Pass	Pass	Pass

J - Analyte detected below reporting limits.

TABLE 3-1
Potential Landfill Area Confirmation Sample Results

Sample ID	Date Collected	Antimony (mg/kg)	Comments
PLA-001-FS-0408-C	4/16/2008	0.47 J	
PLA-002-FS-0408-C	4/16/2008	1.21	
PLA-003-FS-0408-C	4/16/2008	1.1	
PLA-004-FS-0408-C	4/16/2008	**41.7**	
PLA-005-FS-0408-C	4/16/2008	0.97	
PLA-010-FS-0408-C	4/16/2008	0.85	Duplicate of PLA-010-FS-0408-C
PLA-006-FS-0408-C	4/16/2008	2.89	
PLA-007-FS-0408-C	4/16/2008	1.52	
PLA-008-FS-0408-C	4/16/2008	2.85	
PLA-009-FS-0408-C	4/16/2008	0.97 S	
PLA-011-FS-0508-C	5/1/2008	0.56 S	Collected after additional excavation

Notes:
Bold indicates sample result exceeded the removal goal of 31 mg/kg antimony.
J - Analyte detected below reporting limits.
S - Spike recovery outside accepted recovery limits.

TABLE 3-2
Load Line 2 Confirmation Sample Results

Sample ID	Date Collected	Antimony (mg/kg)	Comments
LL2-001-FS-0408-C	4/30/2008	1.28	
LL2-002-FS-0408-C	4/30/2008	11	
LL2-003-FS-0408-C	4/30/2008	1.16	
LL2-005-FS-0408-C	4/30/2008	1.06	
LL2-006-FS-0408-C	4/30/2008	1.06	
LL2-007-FS-0408-C	4/30/2008	5.37	
LL2-015-FS-0408-C	4/30/2008	7.23	Duplicate of LL2-007-FS-0408-C
LL2-008-FS-0408-C	4/30/2008	2.22	
LL2-009-FS-0408-C	4/30/2008	6.43	
LL2-010-FS-0408-C	4/30/2008	9.72	
LL2-011-FS-0408-C	4/30/2008	13.8	
LL2-012-FS-0408-C	5/1/2008	1.97	
LL2-013-FS-0408-C	5/1/2008	1.01 S	
LL2-014-FS-0408-C	5/1/2008	1.11	

Notes:
Bold indicates sample result exceeded the removal goal of 31 mg/kg antimony.
S - Spike recovery outside accepted recovery limits.

TABLE 3-3
Load Line 4 Confirmation Sample Results

Sample ID	Date Collected	Antimony (mg/kg)	Comments
LL4-001-FS-0408-C	4/29/2008	19.4	
LL4-002-FS-0408-C	4/29/2008	1.57	
LL4-003-FS-0408-C	4/29/2008	25.7	
LL4-005-FS-0408-C	4/29/2008	**34.4**	
LL4-006-FS-0408-C	4/29/2008	18.5 S	
LL4-007-FS-0408-C	4/29/2008	29.2	
LL4-009-FS-0408-C	4/29/2008	**34.5**	Duplicate of LL4-007-FS-0408-C
LL4-008-FS-0408-C	4/29/2008	**83.8**	
LL4-010-FS-0508-C	5/12/2008	1.02	Collected after additional excavation
LL4-011-FS-0508-C	5/12/2008	1.54	Collected after additional excavation
LL4-012-FS-0508-C	5/12/2008	13.7 S	Collected after additional excavation

Notes:
Bold indicates sample result exceeded the removal goal of 31 mg/kg antimony.
J - Analyte detected below reporting limits.
S - Spike recovery outside accepted recovery limits.

TABLE 3-4
Wastewater Characterization Sample Results

Analyses	Wastewater Storage Tank Sample
SW-846 3050B, 6010B, Metals by ICP (mg/L)	
Aluminum	52.3 S
Arsenic	0.022 J
Barium	0.64
Beryllium	0.0022
Cadmium	0.0008 J
Calcium	52.4 S
Chromium	0.0579
Cobalt	0.0207
Copper	0.0608
Iron	56.8 S
Lead	0.171
Magnesium	18.3 S
Manganese	1.64
Nickel	0.048
Potassium	16.0 S
Selenium	<0.0500
Silver	<0.0100
Sodium	13.5 S
Thallium	0.034 J
Vanadium	0.102
Zinc	0.244
SW-846 3020A, Metals by GFAA (total) (mg/L)	
Antimony	0.0452 S
SW-846 7470A (mg/L)	
Mercury	0.00023

J - Analyte detected below reporting limits.
S - Spike Recovery outside accepted recovery limits.

Note: The wastewater sample was very turbid at the time of collection.

TABLE 3-5
Verfication Sample Results

Potential Landfill Area

Sample ID	Date Collected	Animony (mg/kg)
PLA-VS-Main	10/8/2008	0.592 J
PLA-VS-Main E	10/8/2008	9.82
PLA-VS-Main W	10/8/2008	3.66
PLA-VS-Decon	10/8/2008	3.54 J
PLA-VS-TLA	10/8/2008	0.992 U

Load Line 2

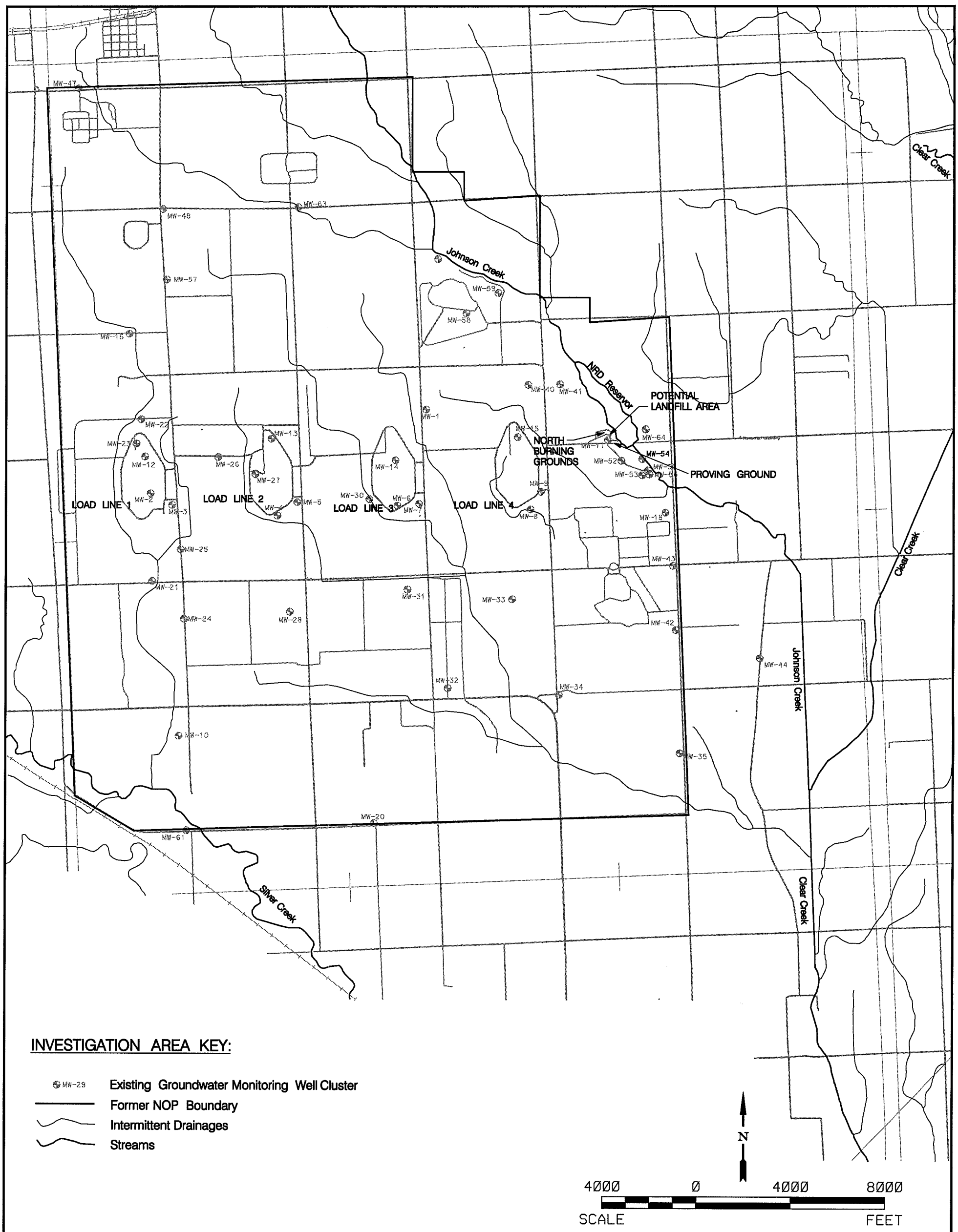
Sample ID	Date Collected	Animony (mg/kg)
LL2-VS-Decon	10/8/2008	0.888 U
LL2-VS-TLA	10/8/2008	0.830 J

Load Line 4

Sample ID	Date Collected	Animony (mg/kg)
LL4-VS-Decon	10/8/2008	2.06

Notes:
J - Analyte detected below reporting limit
U - Analyte detected below detection limit

FIGURES



INVESTIGATION AREA KEY:

- MW-29 Existing Groundwater Monitoring Well Cluster
- Former NOP Boundary
- Intermittent Drainages
- Streams

Revisions			
Symbol	Descriptions	Date	Approved

URS Greiner Woodward Clyde Federal Services
10975 El Monte, Suite 100
Overland Park, Kansas 66211

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

Designed by: D.E.F.
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NEBRASKA

FORMER NOP SITE MAP

Scale: 1 IN - 4000 FT
Date: DECEMBER, 2000
Dwg. No.: 1-1
Sheet number: 1

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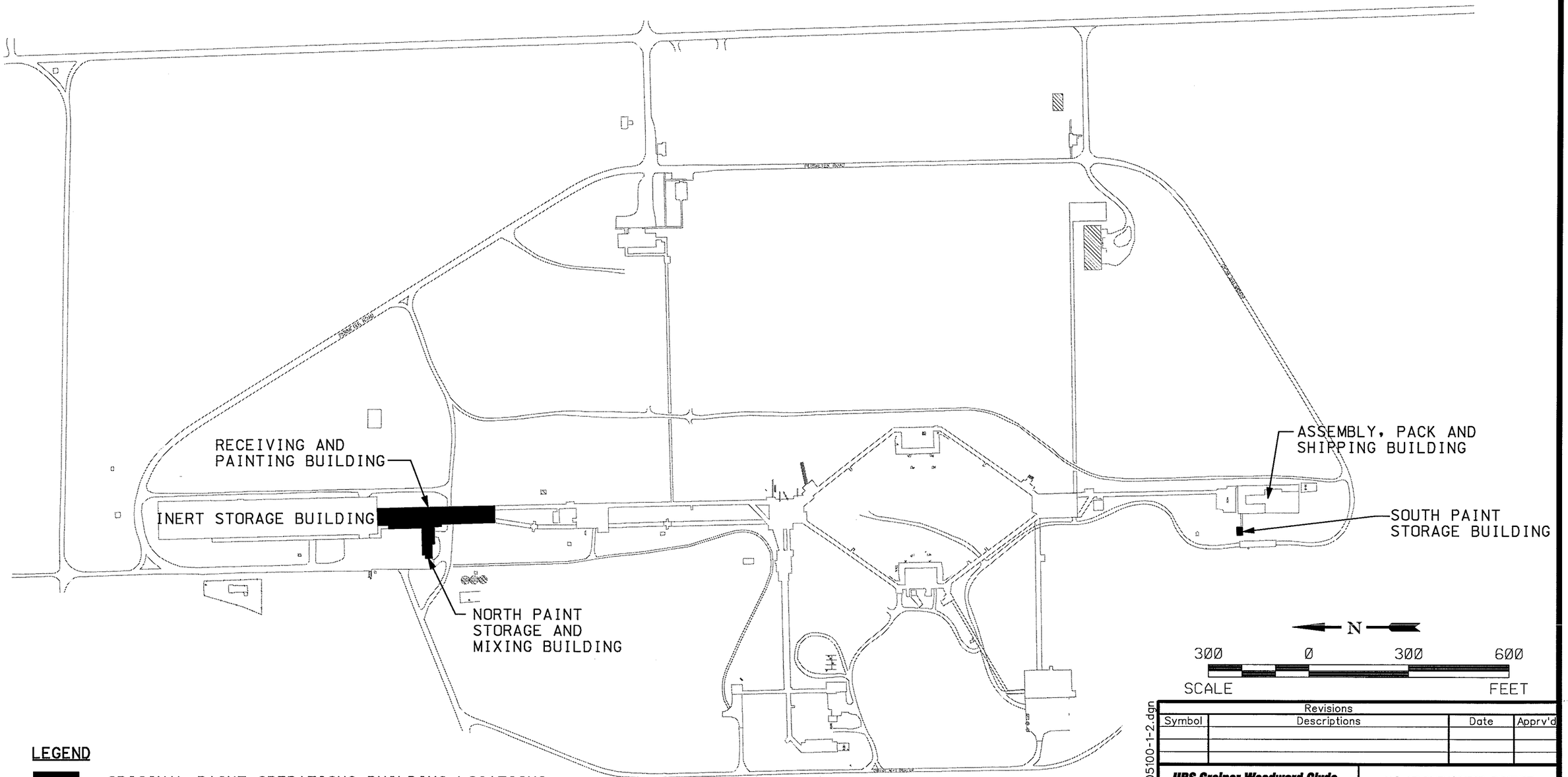

LEGEND

ORIGINAL PAINT OPERATIONS BUILDING LOCATIONS

NOTE:

THE SOUTH PAINT STORAGE BUILDING AT LOAD LINE 2 HAS BEEN DEMOLISHED.

SOURCE : DONOHUE, 1992B

06 DEC 2000 15:06:20
MCS FILE: J:\MEAD\K97209.00\05100-1-2.dgn

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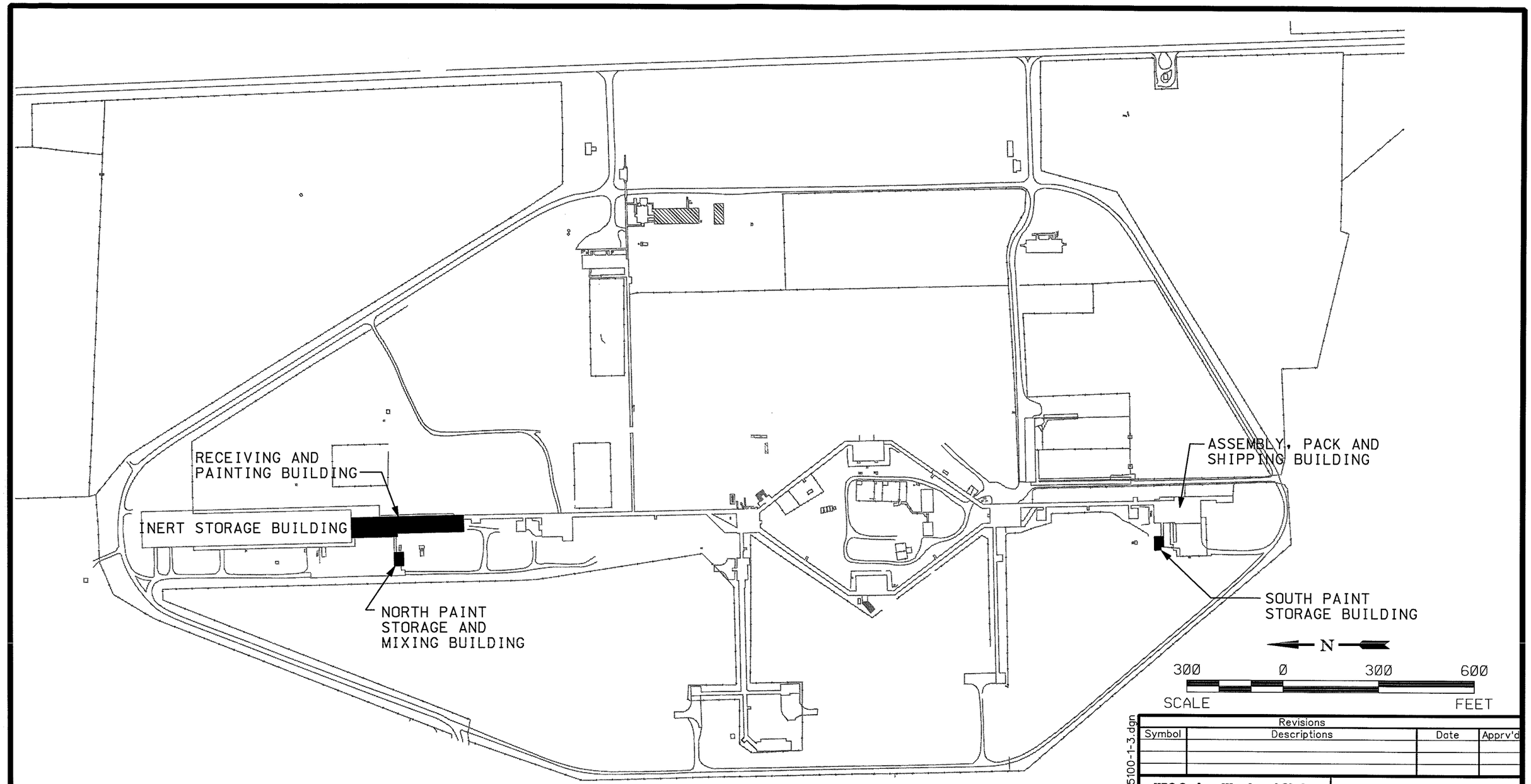
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

PAINT OPERATIONS AREAS AT LOAD LINE 2

Scale: 1 IN = 300 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-2
Sheet number: 1



LEGEND

ORIGINAL PAINT OPERATIONS BUILDING LOCATIONS

SOURCE : DONOHUE, 1992B

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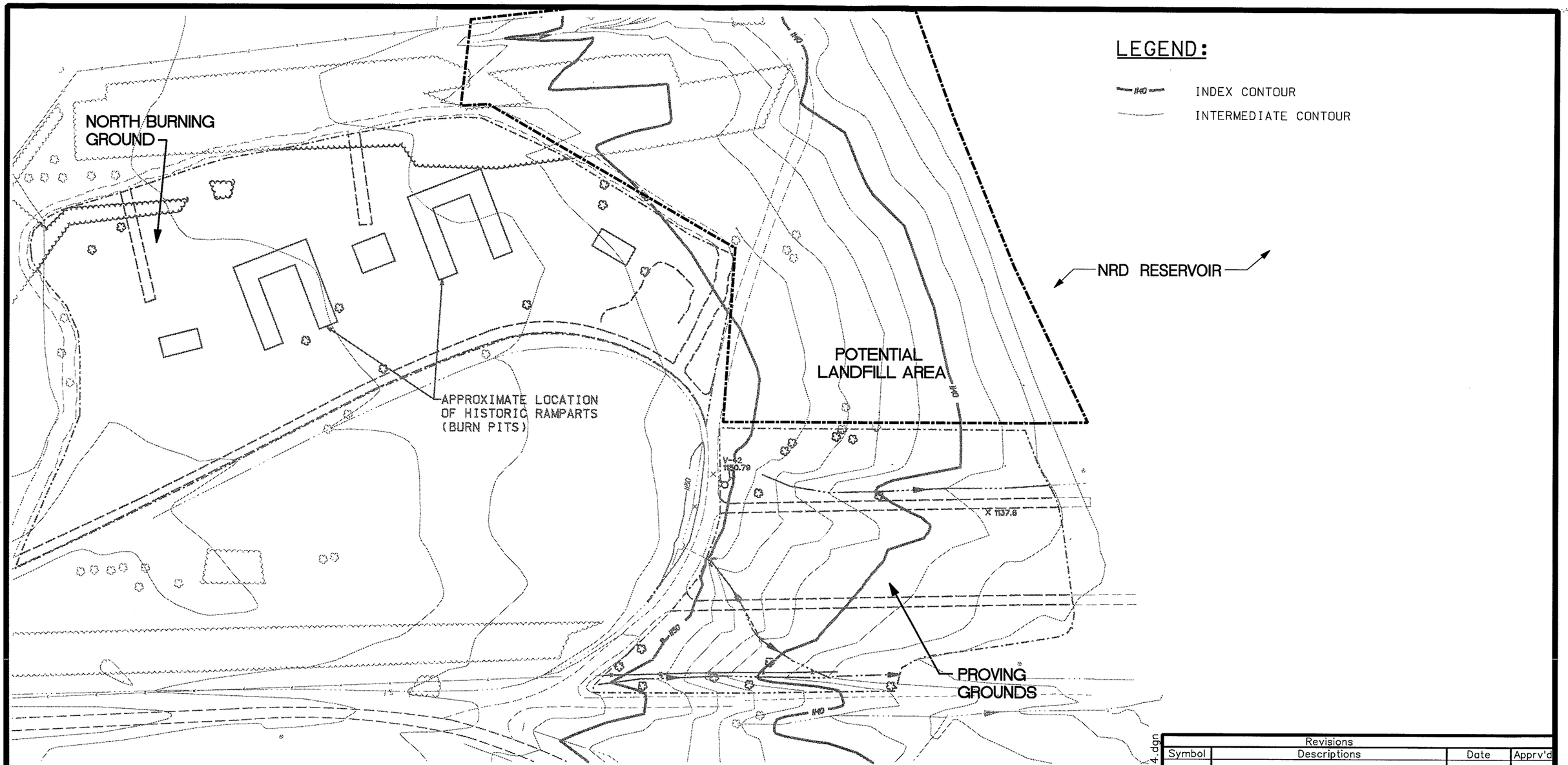
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

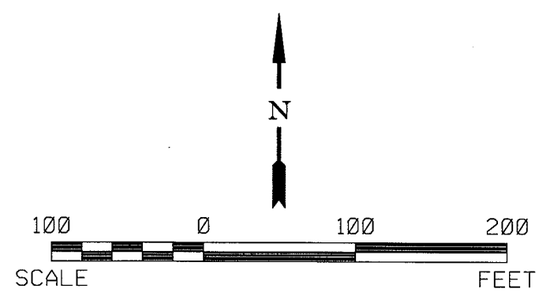
U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

PAINT OPERATIONS AREAS AT LOAD LINE 4

Scale: 1 IN - 300 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-3
Sheet number: 1





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Revisions			
Symbol	Descriptions	Date	Apprv'd

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

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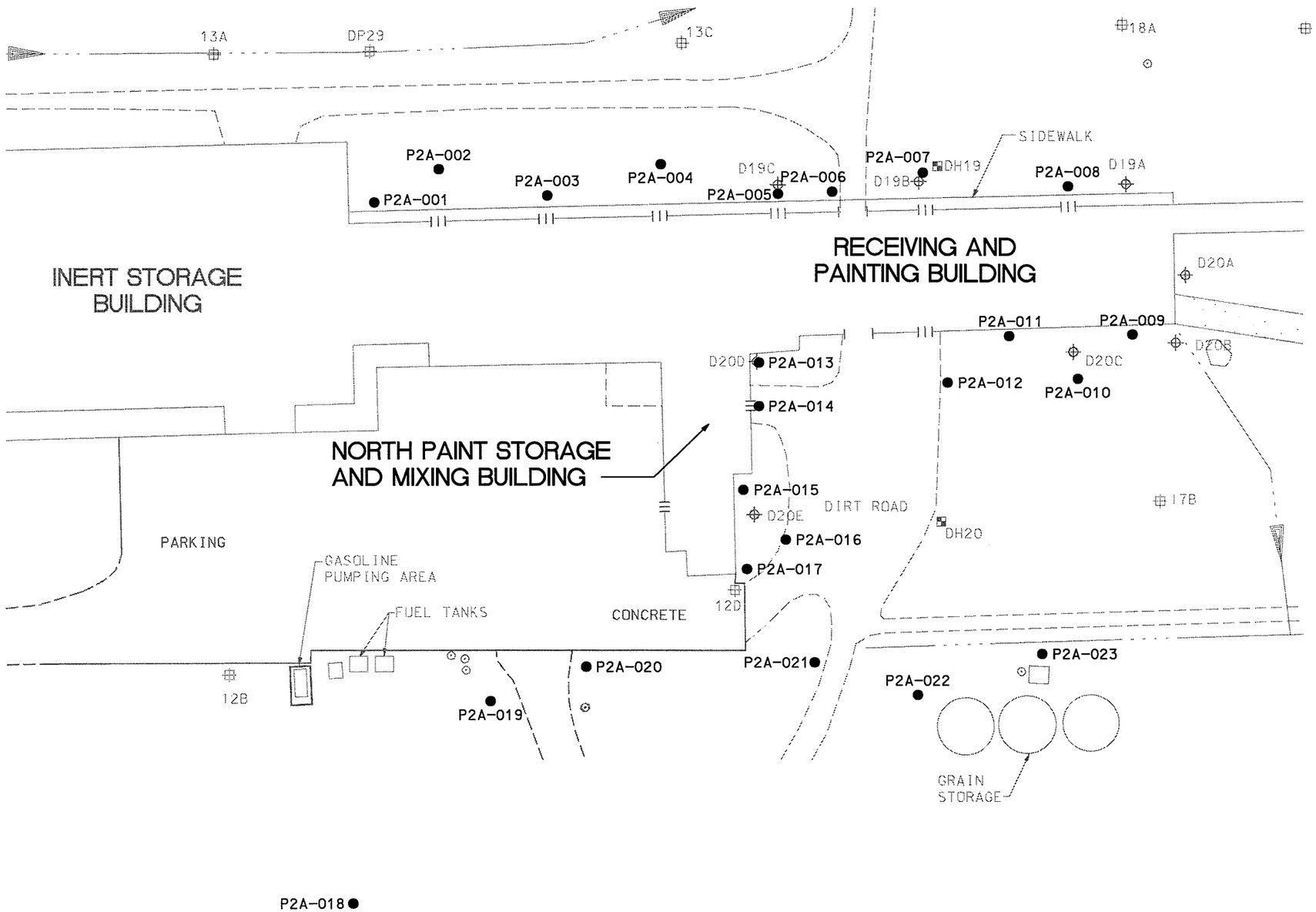
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

POTENTIAL LANDFILL SITE MAP AREA

Scale: 1 IN = 100 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-4
Sheet number: 1



SOURCE : DONOHUE, 1992B

LEGEND:

● P2A-001	PHASE I RI SAMPLE LOCATION
▩ DH4	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
⊕ D19C	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
⊞ CP40	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING:
   P2A-001 AT 6.5 FT, P2A-002 AT 20.0 FT,
   P2A-003 AT 7.5 FT, P2A-004 AT 20.0 FT,
   P2A-005 AT 7.0 FT, P2A-006 AT 7.0 FT,
   P2A-007 AT 20.0 FT, P2A-008 AT 7.0 FT,
   P2A-009 AT 2.0 FT, P2A-010 AT 20.0 FT,
   P2A-011 AT 1.0 FT, P2A-012 AT 20.0 FT,
   P2A-013 AT 2.0 FT
2. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE NORTH PAINT STORAGE AND MIXING BUILDING:
   P2A-015 AT 2.0 FT, P2A-016 AT 20.0 FT,
   P2A-017 AT 5.0 FT
3. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE CONCRETE PAD WEST OF THE NORTH PAINT STORAGE AND MIXING BUILDING:
   P2A-018 AT 100.0 FT, P2A-019 AT 20.0 FT,
   P2A-020 AT 5 FT
4. SHALLOW SOIL SAMPLE P2A-014 NOT COLLECTED DUE TO CONCRETE PAD AT SAMPLING LOCATION.

N

50 0 50 100

SCALE FEET

Revisions

Symbol	Descriptions	Date	Apprv'd

URS Greiner Woodward Clyde Federal Services
10975 El Monte, Suite 100
Overland Park, Kansas 66211

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

Designed by: D.E.F.
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

LOAD LINE 2
RECEIVING AND PAINTING BUILDING / NORTH PAINT STORAGE AND MIXING BUILDING SAMPLING LOCATIONS

Scale: 1 IN = 50 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-5
Sheet number: 1

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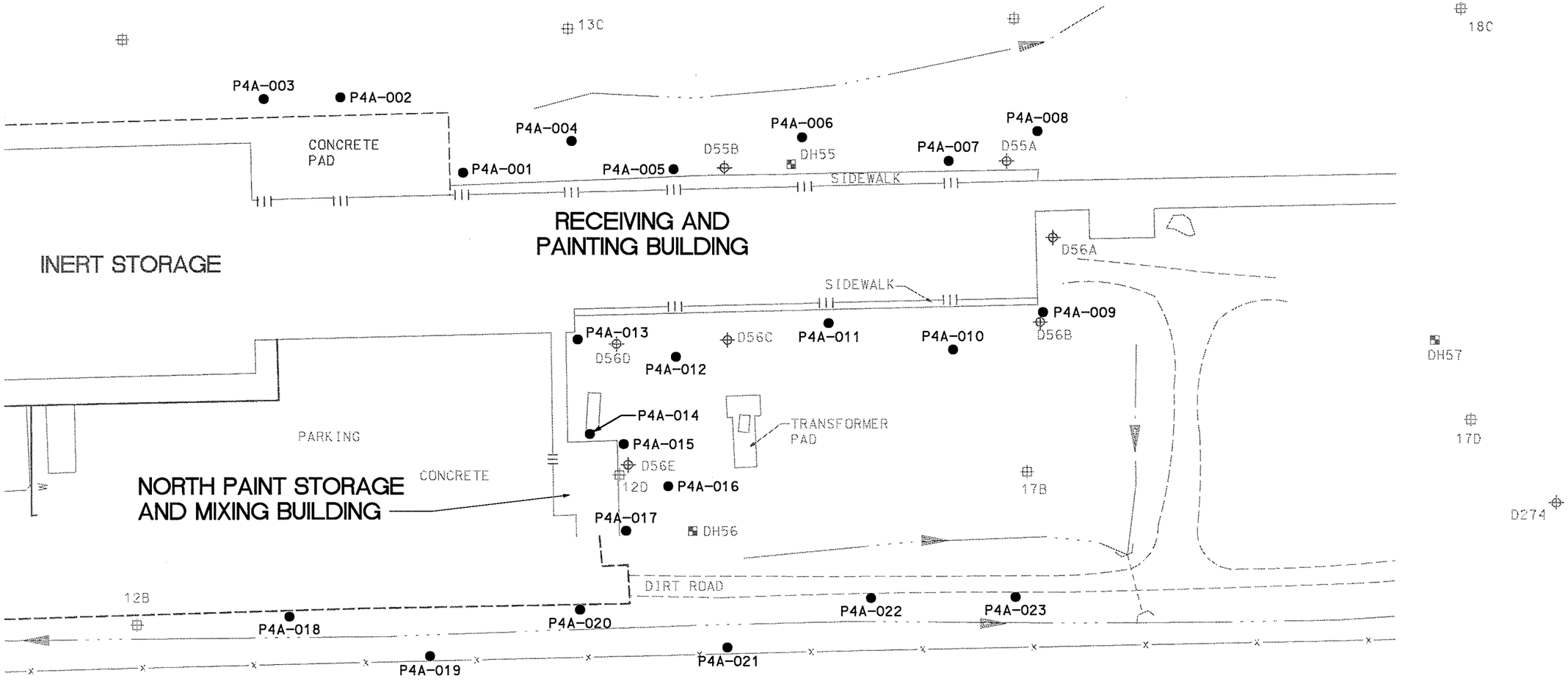

LEGEND:

● P4A-001	PHASE I RI SOIL SAMPLE LOCATION
▣ DH56	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
⊕ D56E	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
⊞ 12B	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING:
   P4A-001 AT 7.0 FT, P4A-002 AT 42.0 FT,
   P4A-003 AT 42.0 FT, P4A-004 AT 20.0 FT,
   P4A-005 AT 7.0 FT, P4A-006 AT 20.0 FT,
   P4A-007 AT 7.0 FT, P4A-008 AT 20.0 FT,
   P4A-009 AT 3.0 FT, P4A-010 AT 20.0 FT,
   P4A-011 AT 7.0 FT, P4A-012 AT 20.0 FT,
   P4A-013 AT 3.0 FT

2. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE NORTH PAINT STORAGE/MIXING BUILDING:
   P4A-014 AT 1.0 FT, P4A-015 AT 1.0 FT,
   P4A-016 AT 20.0 FT, P4A-017 AT 1.0 FT

3. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES WEST OF THE CONCRETE PAD AND OR DIRT ROAD WEST OF THE NORTH PAINT STORAGE/MIXING BUILDING:
   P4A-018 AT 1.0 FT, P4A-019 AT 20.0 FT,
   P4A-020 AT 1.0 FT, P4A-021 AT 20.0 FT,
   P4A-022 AT 1.0 FT, P4A-023 AT 1.0 FT

N

50 0 50 100
SCALE FEET

Revisions			
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URS Greiner Woodward Clyde Federal Services
10975 El Monte, Suite 100
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

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Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

LOAD LINE 4
RECEIVING AND PAINTING BUILDING / NORTH PAINT STORAGE AND MIXING BUILDING SAMPLING LOCATIONS

Scale: 1 IN = 50 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-6
Sheet number: 1

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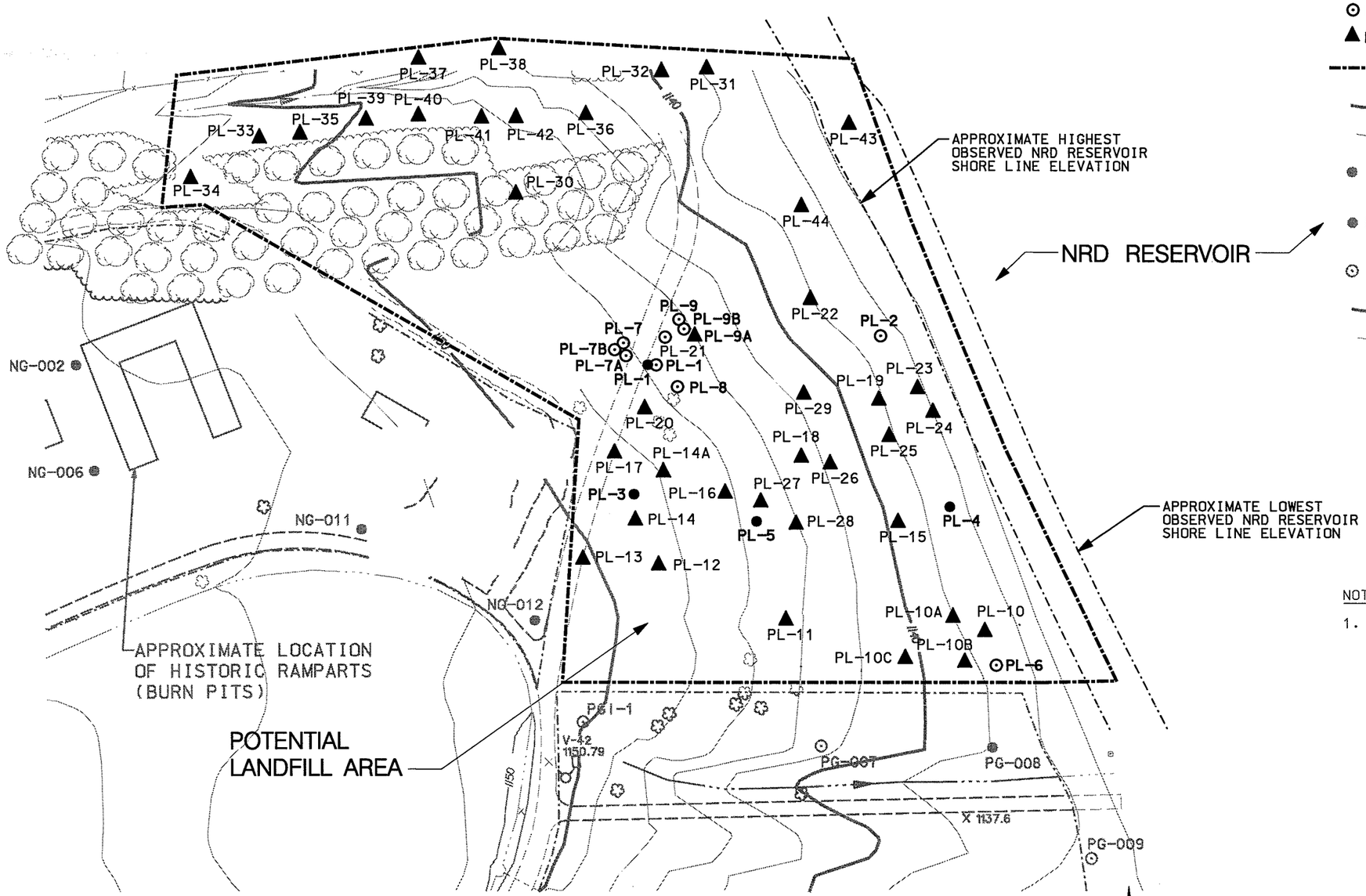

LEGEND:

● PL-5	PHASE I AND II SOIL SAMPLE LOCATION
⊙ PL-6	PHASE I AND II SOIL SAMPLE LOCATION
▲ PL-44	PHASE III SOIL SAMPLE LOCATION
-·-·-·-	OU3 RI STUDY AREA BOUNDARIES
— 1140 —	INDEX CONTOUR
———	INTERMEDIATE CONTOUR
● NG-006	NORTH BURNING GROUND PHASE I AND II SOIL SAMPLE LOCATION
● PG-008	PROVING GROUND PHASE I AND II SOIL SAMPLE LOCATION
⊙ PG-009	PROVING GROUND PHASE I AND II SOIL SAMPLE LOCATION
— 1140 —	INDEX CONTOUR
———	INTERMEDIATE CONTOUR

NOTES:

1. ALL PREVIOUS SOIL INVESTIGATION SAMPLING LOCATIONS ARE PRESENTED IN APPENDIX A OF THE DRAFT FINAL SAMPLING AND ANALYSIS PLAN (WOODWARD CLYDE, 1999)

Revisions

Symbol	Descriptions	Date	Apprv'd

URS Greiner Woodward Clyde Federal Services
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U.S. ARMY ENGINEER DISTRICT
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KANSAS CITY, MISSOURI

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Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY - OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

POTENTIAL LANDFILL AREA SAMPLING LOCATIONS

Scale: 1 IN = 80 FEET
Date: DECEMBER, 2000
Dwg. No.: 1-7
Sheet number: 1

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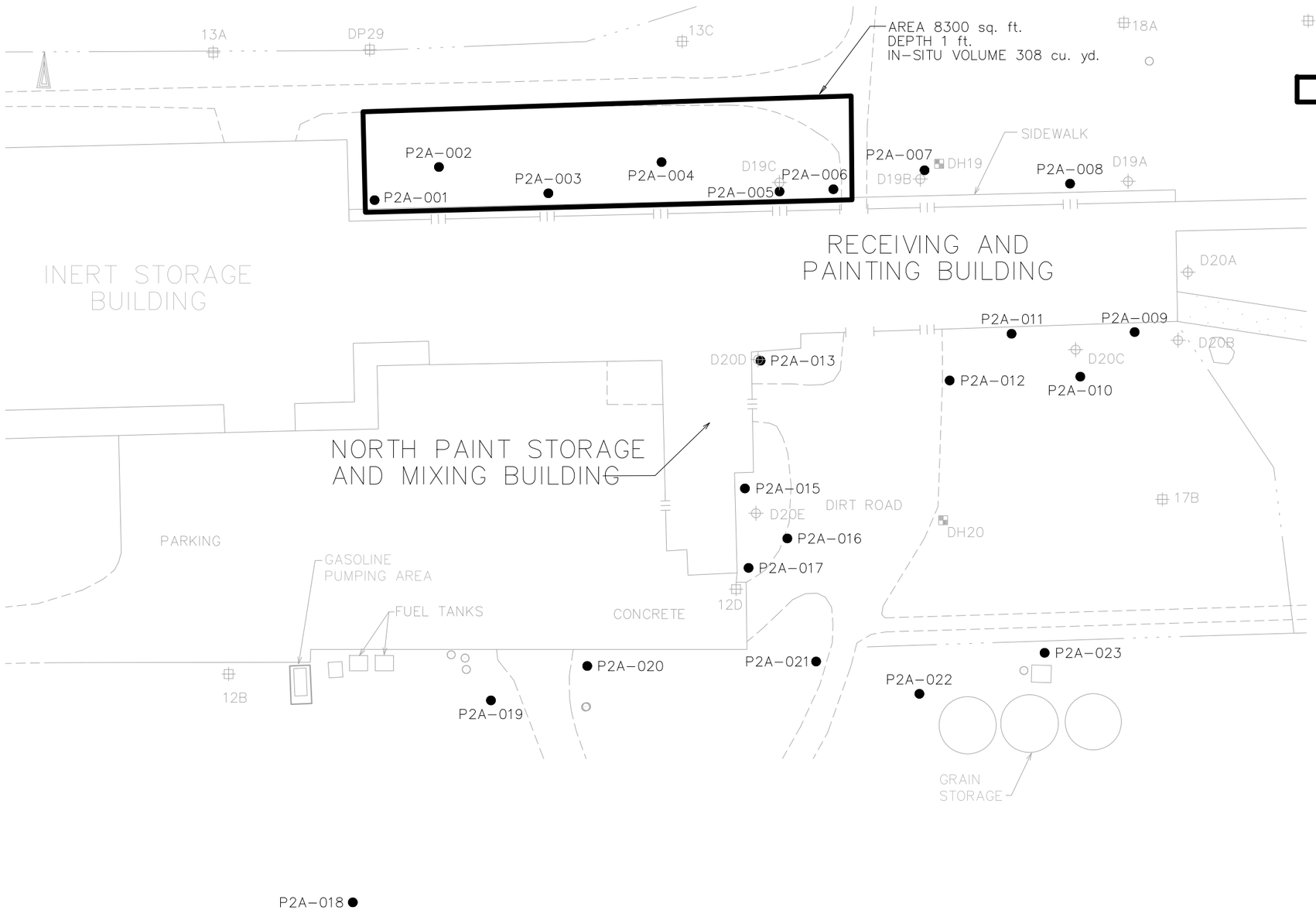

SOURCE : DONOHUE, 1992B

LEGEND:

● P2A-001	PHASE I RI SAMPLE LOCATION
DH4	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
D19C	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
CP40	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)
▭	PRELIMINARY SOIL REMEDIATION AREA

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING:
P2A-001 AT 6.5 FT, P2A-002 AT 20.0 FT,
P2A-003 AT 7.5 FT, P2A-004 AT 20.0 FT,
P2A-005 AT 7.0 FT, P2A-006 AT 7.0 FT,
P2A-007 AT 20.0 FT, P2A-008 AT 7.0 FT,
P2A-009 AT 2.0 FT, P2A-010 AT 20.0 FT,
P2A-011 AT 1.0 FT, P2A-012 AT 20.0 FT,
P2A-013 AT 2.0 FT

2. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE NORTH PAINT STORAGE AND MIXING BUILDING:
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P2A-017 AT 5.0 FT

3. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE CONCRETE PAD WEST OF THE NORTH PAINT STORAGE AND MIXING BUILDING:
P2A-018 AT 100.0 FT, P2A-019 AT 20.0 FT,
P2A-020 AT 5 FT

4. SHALLOW SOIL SAMPLE P2A-014 NOT COLLECTED DUE TO CONCRETE PAD AT SAMPLING LOCATION.

N

50 0 50 100

SCALE FEET

Revisions			
Symbol	Descriptions	Date	Apprv'd

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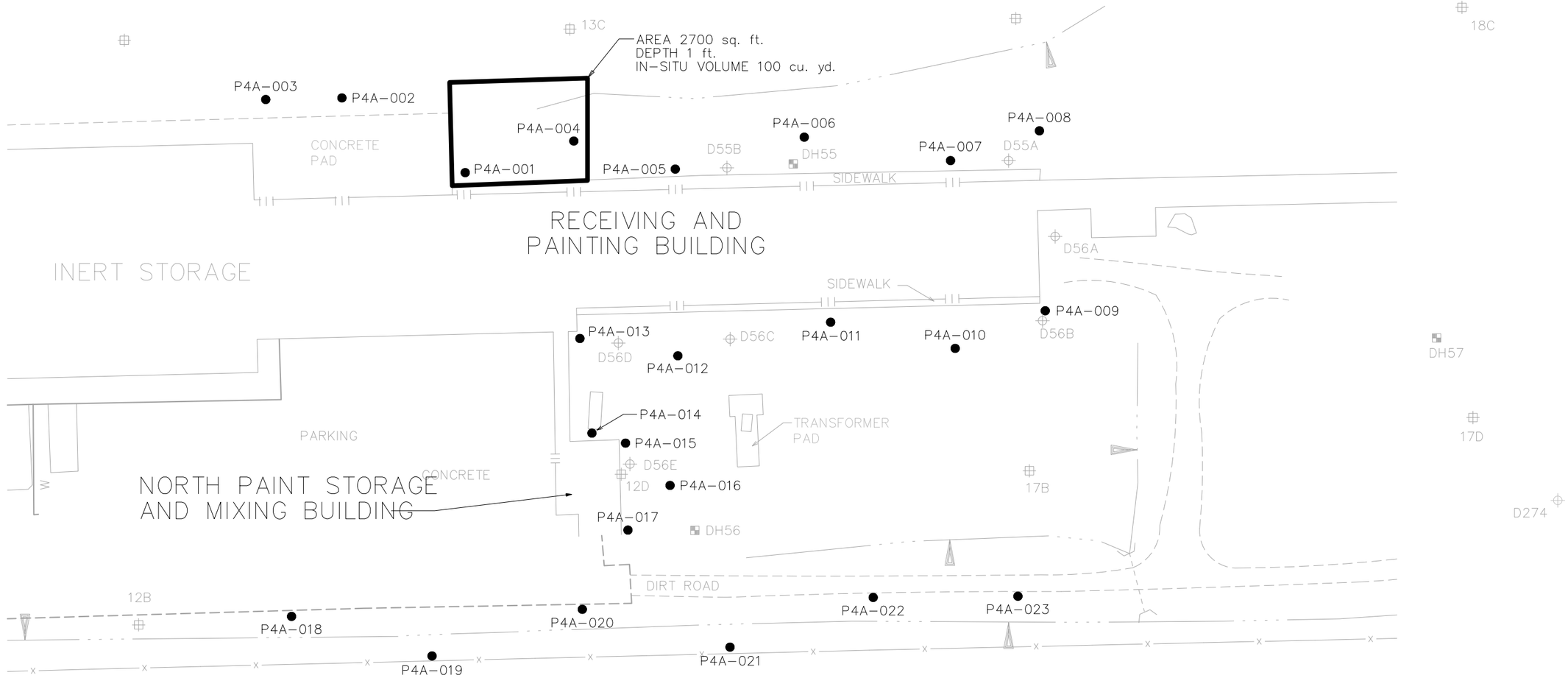
Designed by: D.E.F.
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY – OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

LOAD LINE 2
RECEIVING AND PAINTING BUILDING / NORTH PAINT STORAGE AND MIXING BUILDING
PRELIMINARY REMEDIATION AREA AND VOLUME

Scale: 1 IN = 50 FEET
Date: DECEMBER, 2000
Dwg. No.: 1–8
Sheet number: 1



LEGEND:

● P4A-001	PHASE I RI SOIL SAMPLE LOCATION
DH56	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
D56E	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
12B	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)
▭	PRELIMINARY SOIL REMEDIATION AREA

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING:
   P4A-001 AT 7.0 FT, P4A-002 AT 42.0 FT,
   P4A-003 AT 42.0 FT, P4A-004 AT 20.0 FT,
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   P4A-009 AT 3.0 FT, P4A-010 AT 20.0 FT,
   P4A-011 AT 7.0 FT, P4A-012 AT 20.0 FT,
   P4A-013 AT 3.0 FT

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   P4A-014 AT 1.0 FT, P4A-015 AT 1.0 FT,
   P4A-016 AT 20.0 FT, P4A-017 AT 1.0 FT

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   P4A-020 AT 1.0 FT, P4A-021 AT 20.0 FT,
   P4A-022 AT 1.0 FT, P4A-023 AT 1.0 FT

N

50 0 50 100

SCALE FEET

Revisions			
Symbol	Descriptions	Date	Apprv'd

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

Designed by: D.E.F.
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

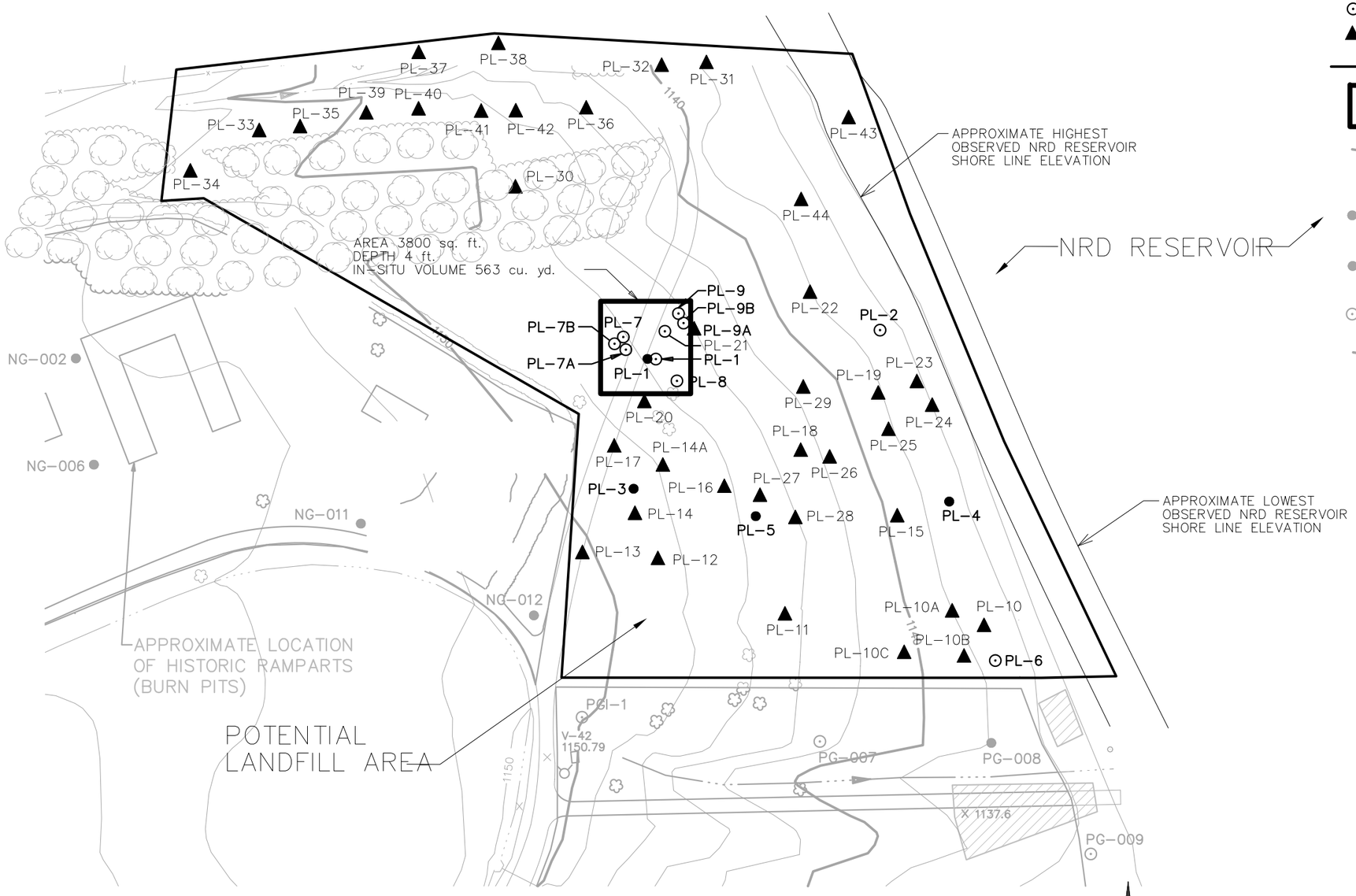
U.S. Army Corps of Engineers

FEASIBILITY STUDY – OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

LOAD LINE 4
RECEIVING AND PAINTING BUILDING / NORTH PAINT STORAGE AND MIXING BUILDING
PRELIMINARY REMEDIATION AREA AND VOLUME

Scale: 1 IN = 50 FEET
Date: DECEMBER, 2000
Dwg. No.: 1–9
Sheet number: 1

SOURCE : DONOHUE, 1992B



LEGEND:

● PL-5	PHASE I AND II SOIL SAMPLE LOCATION
⊙ PL-6	PHASE I AND II SOIL SAMPLE LOCATION
▲ PL-44	PHASE III SOIL SAMPLE LOCATION
———	OU3 RI STUDY AREA BOUNDARIES
▭	PRELIMINARY SOIL REMEDIATION AREA
—1140—	INDEX CONTOUR
	INTERMEDIATE CONTOUR
● NG-006	NORTH BURNING GROUND PHASE I AND II SHALLOW SOIL SAMPLE LOCATION
● PG-008	PROVING GROUND PHASE I AND II SOIL SAMPLE LOCATION
⊙ PG-009	PROVING GROUND PHASE I AND II SOIL SAMPLE LOCATION
—1140—	INDEX CONTOUR
	INTERMEDIATE CONTOUR

Revisions

Symbol	Descriptions	Date	Apprv'd

URS Greiner Woodward Clyde
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CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

Designed by: D.E.F.
Drawn by: R.A.D.
Checked by: L.A.T.
Submitted by: R.A.N.

U.S. Army Corps of Engineers

FEASIBILITY STUDY – OPERABLE UNIT 3
FMR. NEBRASKA ORDNANCE PLANT
MEAD, NE.

POTENTIAL LANDFILL AREA PRELIMINARY REMEDIATION AREA AND VOLUME

Scale: 1 IN = 80 FEET
Date: DECEMBER, 2000
Dwg. No.: 1–10
Sheet number: 1

BUTLER COUNTY LANDFILL BORROW SOURCE AREA MAP

SCALE: NTS

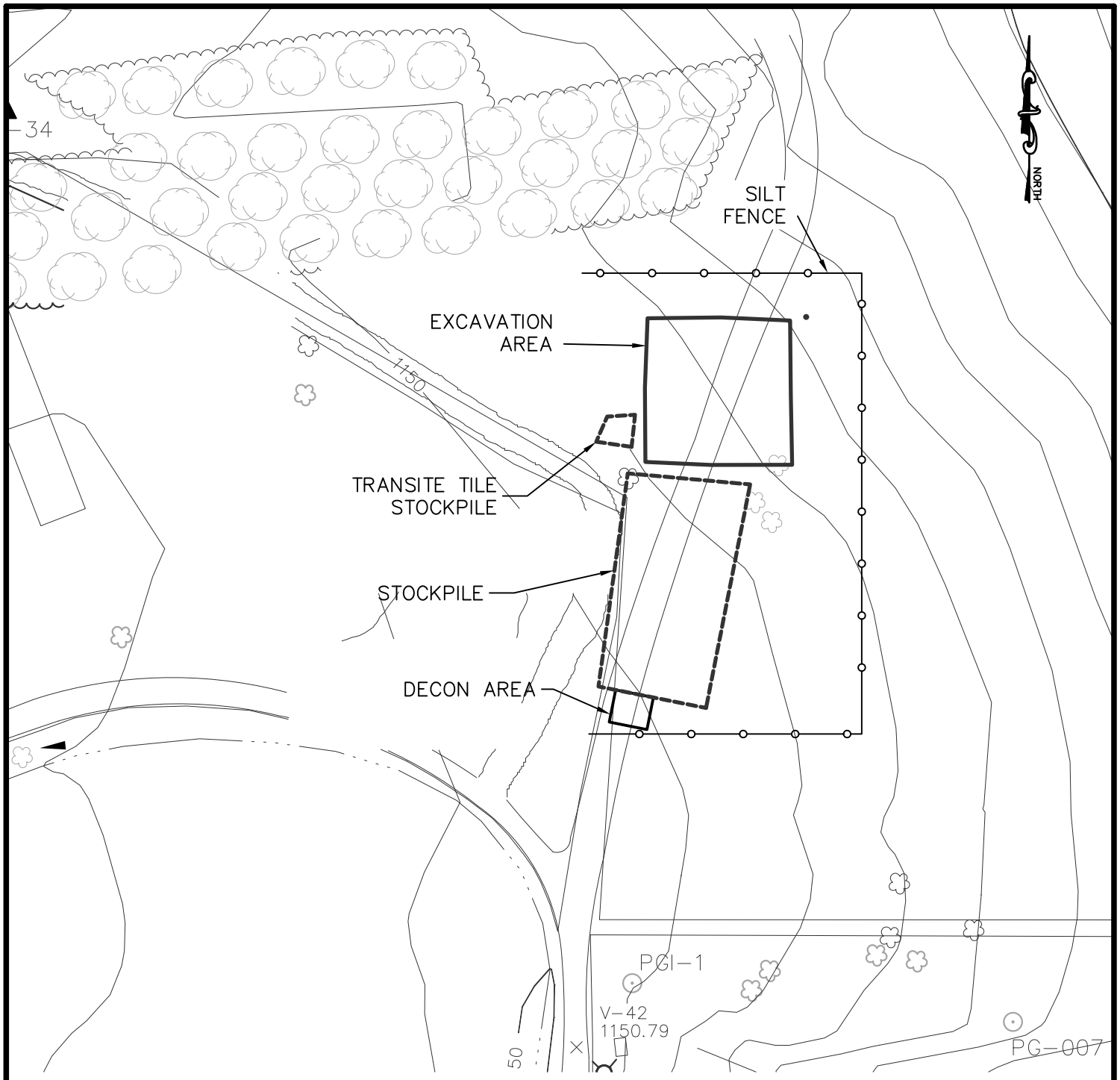
KINGSTON ENVIRONMENTAL COMPANIES
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 03-27-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 009-1	
SHEET INDEX: FIGURE 2-1	LAYOUT: 1

06/13/2008 09:26 AM Y:\KINGSTON DRAWINGS\2007\R-REMEDIATION\07R760\07R760 009-1.DWG



STOCKPILE LOCATIONS
POTENTIAL LANDFILL AREA

SCALE: 1" = 60'

KINGSTON ENVIRONMENTAL COMPANIES

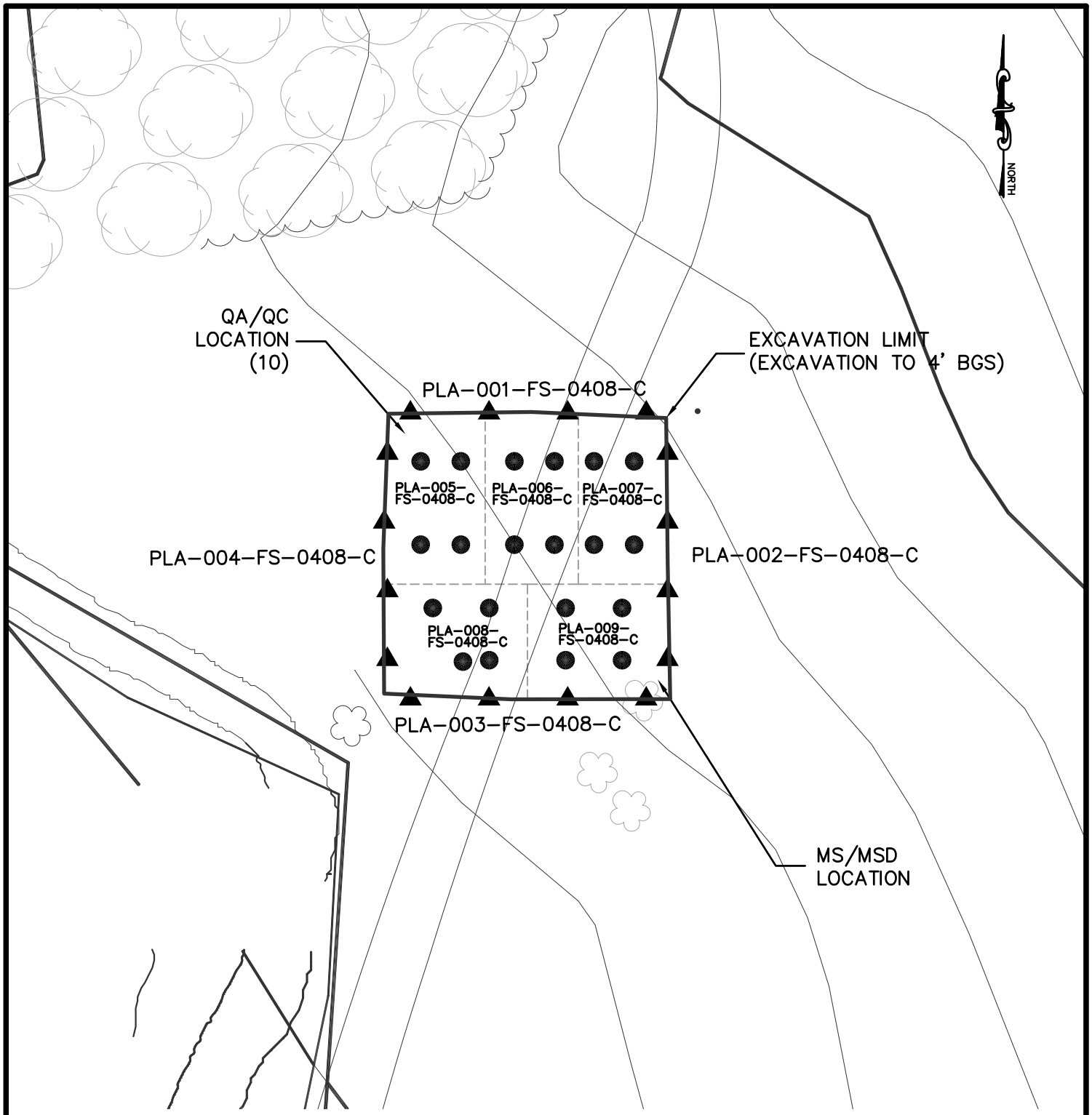
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 06-12-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011-2	
SHEET INDEX: FIGURE 3-1	LAYOUT: 3-1

06/13/2008 09:21 AM Y:\KINGSTON DRAWINGS\2007\R-REMEDIATION\07R760\07R760 011-2.DWG



INITIAL EXCAVATION LIMITS & CONFIRMATION SAMPLE LOCATIONS POTENTIAL LANDFILL AREA

SCALE: 1" = 30'

LEGEND:

▲ WALL SAMPLE ALIQUOTS

● FLOOR SAMPLE ALIQUOTS

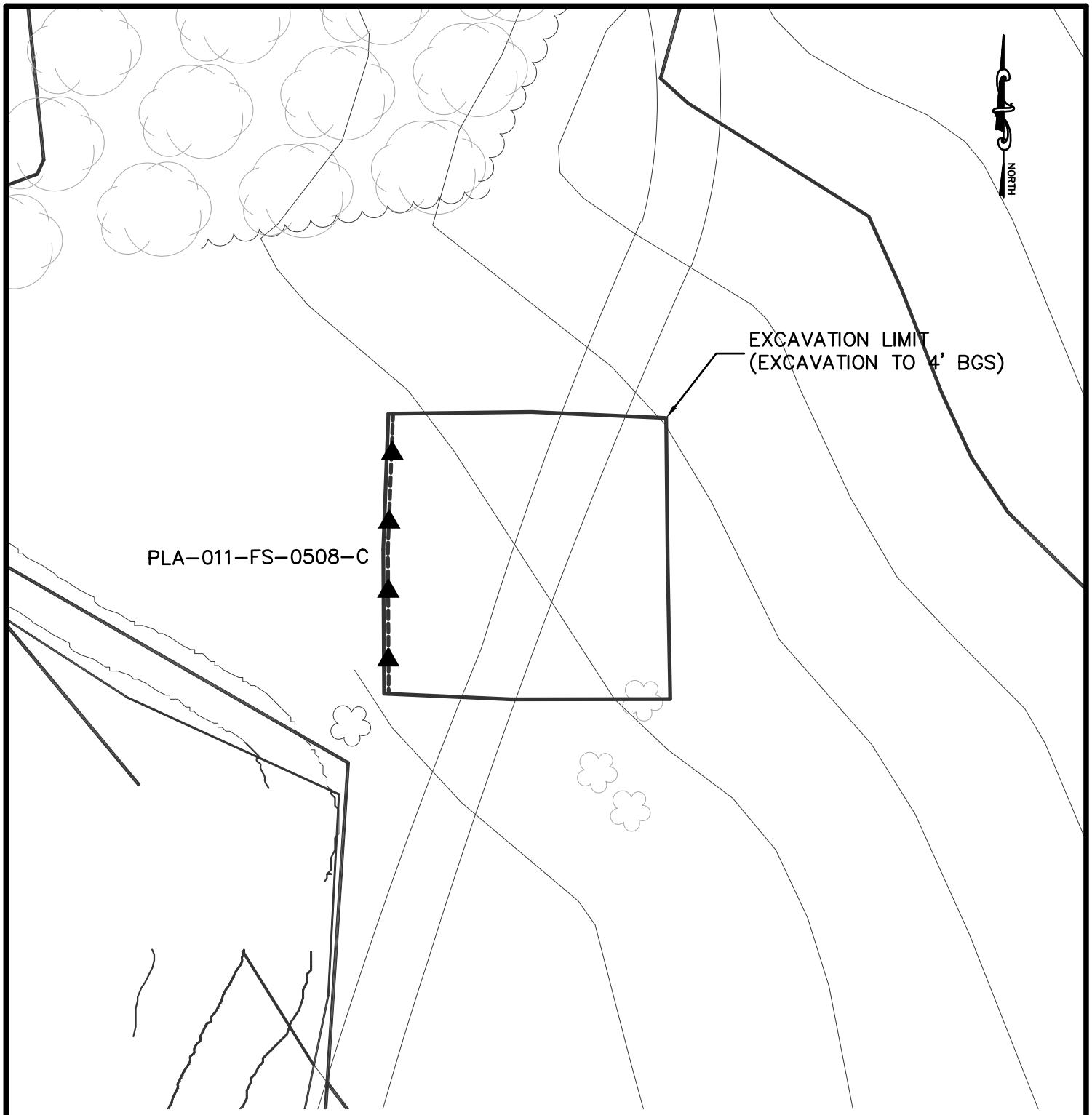
NOTE:
4 ALIQUOTS = 1 COMPOSITE SAMPLE

KINGSTON ENVIRONMENTAL COMPANIES
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 06-09-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011-1	
SHEET INDEX: FIGURE 3-2	LAYOUT: 3-2



FINAL EXCAVATION LIMITS & ADDITIONAL CONFIRMATION SAMPLE LOCATIONS POTENTIAL LANDFILL AREA

SCALE: 1" = 30'

LEGEND:

▲ WALL SAMPLE ALIQUOTS

● FLOOR SAMPLE ALIQUOTS

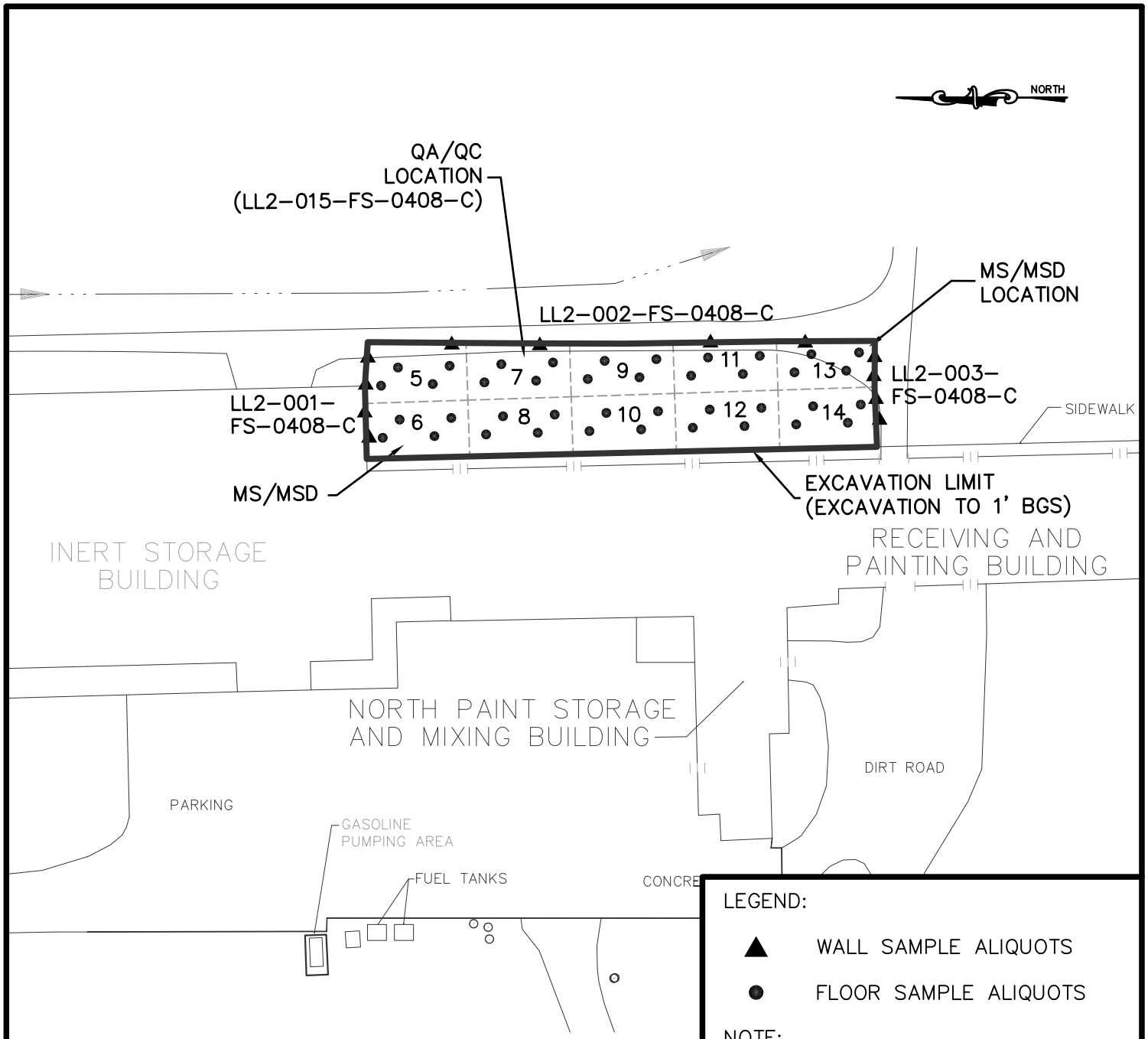
NOTE:
4 ALIQUOTS = 1 COMPOSITE SAMPLE

KINGSTON ENVIRONMENTAL COMPANIES
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 06-09-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011-1	
SHEET INDEX: FIGURE 3-3	LAYOUT: 3-3



LEGEND:

▲ WALL SAMPLE ALIQUOTS

● FLOOR SAMPLE ALIQUOTS

NOTE:
4 ALIQUOTS = 1 COMPOSITE SAMPLE

KEY#	SAMPLE#
5	LL2-005-FS-0408-C
6	LL2-006-FS-0408-C
7	LL2-007-FS-0408-C
8	LL2-008-FS-0408-C
9	LL2-009-FS-0408-C
10	LL2-010-FS-0408-C
11	LL2-011-FS-0408-C
12	LL2-012-FS-0408-C
13	LL2-013-FS-0408-C
14	LL2-014-FS-0408-C

FINAL EXCAVATION LIMITS & CONFIRMATION SAMPLE LOCATIONS LOAD LINE 2

SCALE: 1" = 60'

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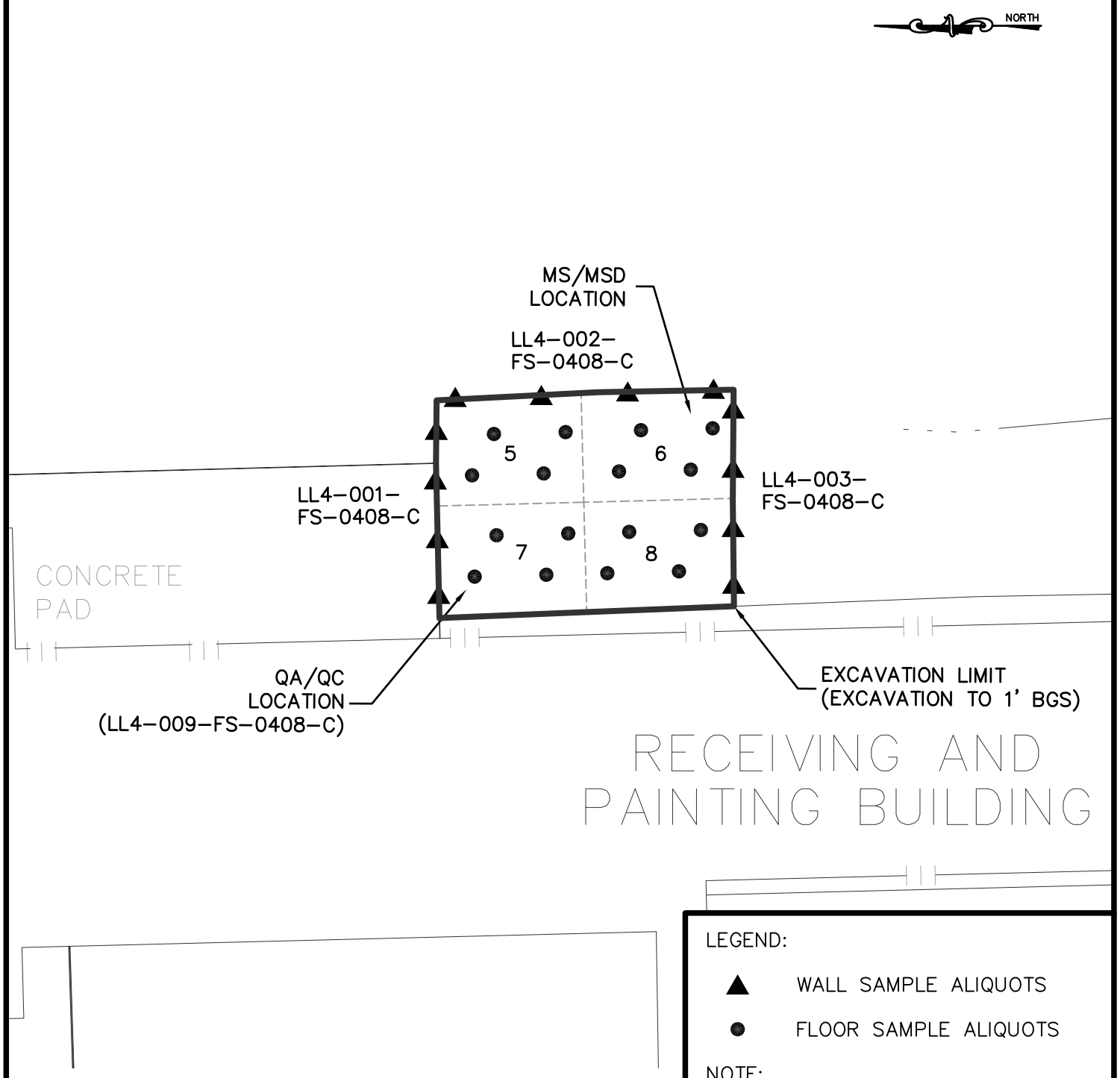
MEAD, NE

DATE: 06-09-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011-1	
SHEET INDEX: FIGURE 3-4	LAYOUT: 3-4



LEGEND:

▲ WALL SAMPLE ALIQUOTS

● FLOOR SAMPLE ALIQUOTS

NOTE:
4 ALIQUOTS = 1 COMPOSITE SAMPLE

KEY#	SAMPLE#
5	LL4–005–FS–0408–C
6	LL4–006–FS–0408–C
7	LL4–007–FS–0408–C
8	LL4–008–FS–0408–C

INITIAL EXCAVATION LIMITS & CONFIRMATION SAMPLE LOCATIONS LOAD LINE 4

SCALE: 1" = 30'

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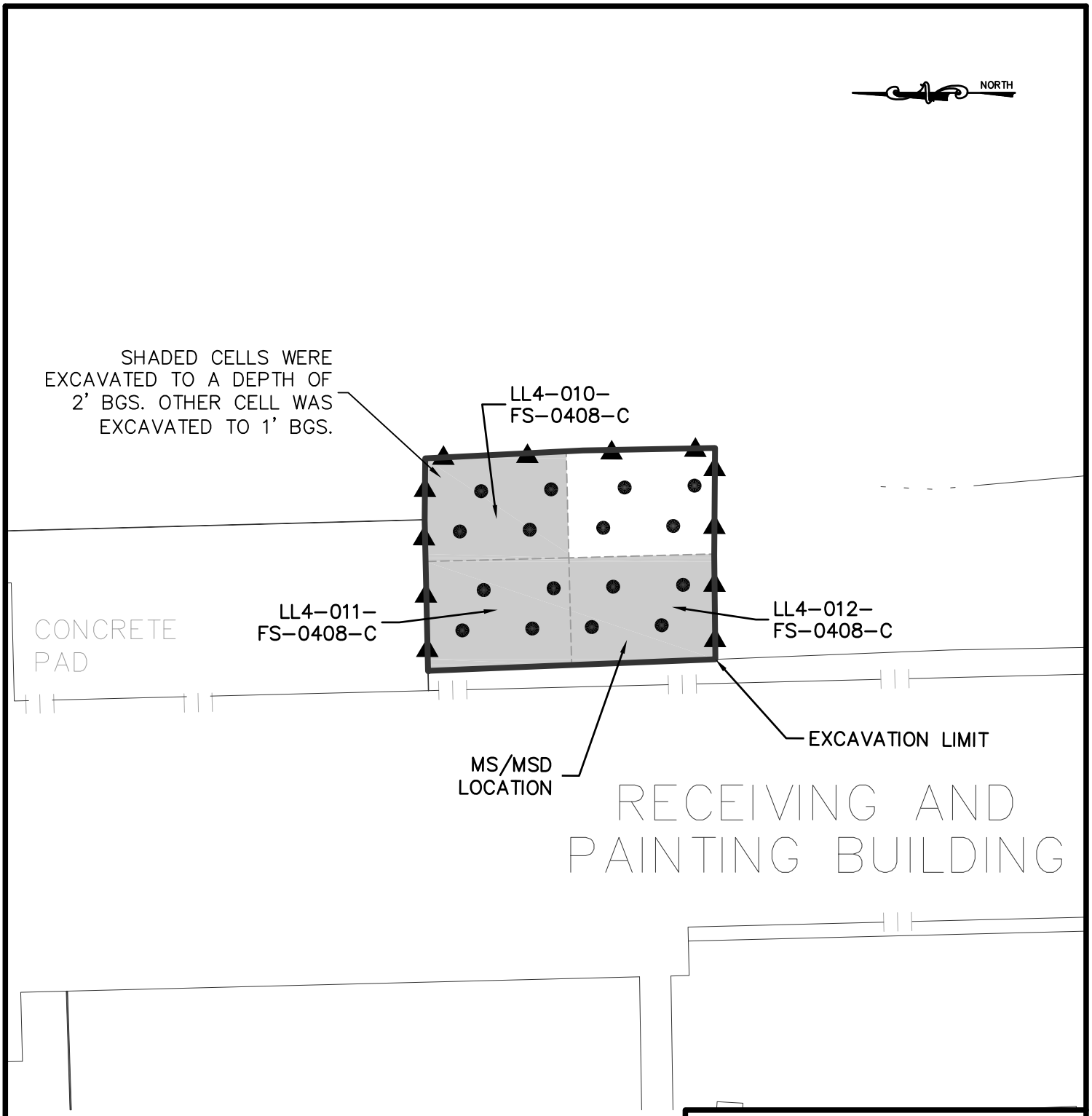
FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 06–09–2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011–1	
SHEET INDEX: FIGURE 3–5	LAYOUT: 3–5



FINAL EXCAVATION LIMITS & ADDITIONAL CONFIRMATION SAMPLE LOCATIONS LOAD LINE 4

SCALE: 1" = 30'

LEGEND:

▲ WALL SAMPLE ALIQUOTS

● FLOOR SAMPLE ALIQUOTS

NOTE:
4 ALIQUOTS = 1 COMPOSITE SAMPLE

KINGSTON ENVIRONMENTAL COMPANIES
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KANSAS CITY, MO 64147 (816) 525–5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 06–09–2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 011–1	
SHEET INDEX: FIGURE 3–6	LAYOUT: 3–6

APPENDIX A – ACTION MEMORANDUM

FINAL
ACTION MEMORANDAM

for

NON TIME CRITICAL REMOVAL ACTION
OPERABLE UNIT 3

FORMER NEBRASKA ORDNANCE PLANT

MEAD, NEBRASKA

US Army Corps
of Engineers ®

prepared by

US ARMY CORPS OF ENGINEERS - KANSAS CITY DISTRICT
KANSAS CITY, MISSOURI
DECEMBER 2007

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Attachment
Attachment 1: Responsiveness Summary

LIST OF ABBREVIATIONS AND ACRONYMS

ARDC	Agricultural Research and Development Center
bgs	Below Ground Surface
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
EE/CA	Engineering Evaluation/Cost Analysis
EPA	U.S. Environmental Protection Agency
HI	Hazard Index
mg/kg	milligram per kilogram
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NOP	Nebraska Ordnance Plant
NPL	National Priorities List
NRD	Lower Platte (North) Natural Resource District
OU3	Operable Unit 3
PRG	Preliminary Remediation Goal
RAO	Removal Action Objective
RCRA	Resources Conservation and Recovery Act
RI	Remedial Investigation
SARA	Superfund Amendments and Reauthorization Act
Site	Former NOP
USC	U.S. Code
UNL	University of Nebraska, Lincoln

SECTION I

PURPOSE

1.0 Purpose and Basis

This Action Memorandum presents the selected Non Time Critical Removal Action for the Former Nebraska Ordnance Plant (NOP or Site) Operable Unit 3 (OU3) Areas: Load Line 2 Paint Operations Area; Load Line 4 Paint Operations Area; and Potential Landfill Area. The selected Removal Action is the excavation and off-site disposal of soils that have elevated concentrations of antimony.

The selected Removal Action will be undertaken pursuant to Defense Environmental Restoration Program (DERP), 10 U.S. Code (USC) 2701 et. seq. and the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), 42 USC. 9601 et. seq., the National Oil and Hazardous Substances Contingency Plan (NCP).

SECTION II

SITE CONDITIONS AND BACKGROUND

2.0 Site Description

The Site was a Department of Defense (DoD)-owned, contractor-operated facility operated intermittently from October 1942 through 1956. The Site is located in east central Saunders County, approximately one (1) mile south of Mead, Nebraska (see Figure 1: General Site Location Map). The principal operation at the Former NOP was loading bombs using four load lines (see Figure 2: Former NOP Site Map). This activity was conducted from October 1942 through August 1945 with the lines undergoing periodic operational changes. Operations were terminated in 1945.

In 1950, the Site was temporarily reactivated and produced an assortment of weapons for the Korean Conflict. In 1956, the Site was placed on standby. In 1959, the Former NOP was determined to be surplus and was transferred to the General Services Administration. During the period of 1959 through 1971, much of the site was sold and resold, except a few areas which were retained for Government use. Currently, the University of Nebraska, Lincoln (UNL), Agricultural Research and Development Center (ARDC), U.S. Army National Guard and Reserves, and various private interests own the land.

2.1 Location

The Site is approximately 17,258 acres and is located approximately one (1) mile south of Mead, Nebraska (see Figure 1). It is six (6) miles east of Wahoo, two (2) miles east of Ithaca, four (4) miles north of Memphis, three (3) miles southwest of Yutan, three (3) miles west of Wann, and nine (9) miles northwest of Ashland. The Site encompasses the western half of the Township 14 North, Range 9 East, and the eastern one-third of Township 14 North, Range 8 East.

2.1.1 Load Line 2 and 4 Paint Operations Areas

There are three former paint operations buildings at Load Lines 2 and at Load Line 4: the Receiving and Painting Building, Paint Storage and Mixing Building, and South Paint Storage Building. The Receiving and Painting Building is located south of the Inert Storage Building. The Paint Storage and Mixing Building is located west of the Receiving and Painting Building. The South Paint Storage Building is located west of the Assembly, Pack, and Shipping Building. See Figure 3, Load Line 2 Location Map and Figure 4, Load Line 4 Location Map.

2.1.1.1 Load Line 2 Paint Operations Area

The elevated concentrations of antimony in the soils at Load Line 2 are located east of the Receiving and Painting Building. The removal area is approximately 41.5 by 200 feet and has a depth of 1 foot. The total anticipated volume of soil is 308 cubic yards. See Figure 5, Load Line 2 Removal Area.

2.1.1.2 Load Line 4 Paint Operations Area

The elevated concentrations of antimony in the soil at Load Line 4 are located east of the Receiving and Painting Building. The removal area is approximately 36 by 75 feet and has a depth of 1 foot. The total anticipated volume of soil is 100 cubic yards. See Figure 6, Load Line 4 Removal Area.

2.1.2 Potential Landfill Area

The Potential Landfill Area an untilled grassy area with no surface evidence of past disposal activities. See Figure 7, Potential Landfill Location Map.

The elevated antimony levels in the soils at the Potential Landfill Area are located in the central portion of the site. The removal area is approximately 62 by 62 feet and has a depth of 4 foot. The total anticipated volume of soil is 563 cubic yards. See Figure 8, Potential Landfill Removal Area.

2.1.3 Environmental Investigation History

OU3 was extensively investigated and reported on in the 1993 and 1997 Remedial Investigations (RI) and the 2000 RI Addendum Report. Based on the findings and conclusions of the RIs, soil samples indicated elevated concentrations of antimony. These elevated concentrations of antimony are limited to Load Line 2 & 4 Paint Operations Areas and the Potential Landfill Area. The elevated concentrations of antimony at the Load Line 2 & 4 Paint Operations Areas appear to be isolated occurrences with limited vertical and horizontal extent. The elevated concentrations of antimony are in the 0 to 6 inch below ground surface (bgs) sampling interval at contiguous sampling locations along the east side of the Receiving and Painting Building at each Load Line. See Figures 5 and 6.

As detailed in the OU3 RI Reports and OU3 RI Addendum, the Potential Landfill Area soil samples indicate elevated concentrations of antimony in soil of limited vertical and horizontal extent. The elevated concentrations of antimony are in the uppermost two feet bgs sampling interval at one sample location in the Potential Landfill Area. See Figure 8.

2.1.4 Baseline Risk Assessment Summary

An OU3 Baseline Risk Assessment was conducted to specifically address potential human health effects and ecological effects associated with the contaminated media. The OU3 Baseline Risk Assessment incorporated data collected as part of the 1993 and 1997 OU3 RIs and the 2000 OU3 RI Addendum sampling activities. The Baseline Risk Assessment determined that antimony was the only potential contaminant of concern that may cause adverse non-cancer health effects. Other potential contaminants of concern are not present in significant concentrations that would pose adverse non-cancer health effects.

In the Human Health Risk Assessment, the scenarios evaluated in the Load Line Areas included residential (adult and child), trespasser/visitor (adult and juvenile), and on-site worker exposure to surface soil. Scenarios evaluated at the Potential Landfill Area included residential (adult and child) and trespasser (adult and juvenile) exposure to surface soil and construction worker exposure to both surface and subsurface soils. Potential health risks were evaluated quantitatively for ingestion and direct dermal contact for all receptors. Potential excess cancer risks and non-carcinogenic hazards were estimated for exposure to site-related contaminants of potential concern using both a Reasonable Maximum Exposure and an Average Exposure approach.

The non-carcinogenic cumulative Hazard Index (HI) exceeded the threshold target of one for the Reasonable Maximum Exposure child resident scenario at the Load Line 2 Paint Operations Area, the Load Line 4 Paint Operations Area, and at the Potential Landfill Area. HI greater than one indicates the potential for adverse health effects. Antimony is the potential contaminant of concern contributing the majority of the potential hazard at each exposure area. Soil ingestion was the exposure pathway contributing the majority of the hazard. See Table 1: Antimony-Specific Child Resident Scenario Hazardous Index Calculation Results.

Potential excess cancer risks are within, or below, EPA risk range of 1×10^{-4} to 1×10^{-6} (i.e., 1 in 10,000 to 1 in 1,000,000) for all scenarios and areas evaluated. An evaluation of the potential health risks to children associated with exposure to lead was conducted for all areas of concern. The results of this evaluation indicate that lead in Site soils is unlikely to pose a health hazard.

The potential for protected species or their habitats to occur at the Site was assessed as part of the OU3 RI. A qualified biologist walked all three exposure areas (Load Line 2, Load Line 4, and the Potential Landfill Area) to assess the suitability of the areas for threatened and endangered species habitat. All areas have had past soil disturbances associated with their previous land-use. Presently, these areas are fairly dry and consist of non-native grasses and forbs, which are periodically mowed. There are also buildings and daily operational activities still associated with Load Line 2 and 4. Due to the historical and present day land-uses and the present species composition of the three exposure areas, no suitable habitat for threatened and endangered species was observed at any of these areas.

2.2 National Priorities List Status

The Site is listed on the National Priorities List (NPL).

SECTION III

3.0 Protection of Public Health and the Environment

The OU3 Baseline Risk Assessment identified three areas where the soil ingestion pathway exceeded the HI of 1 for the resident child exposure scenario. These areas: Load Line 2 Paint Operations Area; Load Line 4 Paint Operations Area; and Potential Landfill Area are addressed in this Removal Action to prevent any potential or actual exposure from soil ingestion. Removal of the elevated concentrations of antimony will reduce the HI values at each area and reduce antimony concentrations to acceptable risk based standards.

SECTION IV

4.0 Endangerment Determination

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the Removal Action selected in the Action Memorandum, may present an imminent and substantial endangerment to public health, or welfare, or the environment.

SECTION V

REMOVAL ACTION OBJECTIVES/REMOVAL GOALS

5.0 Removal Action Objective

The Removal Action Objective (RAO) is to minimize the potential for ingestion of contaminated soils that are above risk based standards for antimony.

5.1 Removal Goal

The removal goal for antimony in soil is 31 milligram per kilogram (mg/kg). This value corresponds to the values for the residential Region 9 Preliminary Remediation Goal (PRG), Region 6 Media-Specific Screening Level (MSSL), and Region 3 Risk-Based Concentration (RBC), which are all based on protection of a child resident as the most sensitive receptor.

SECTION VI

PROPOSED ALTERNATIVES

6.1 Discussion of Alternatives:

Four alternatives for OU3 were developed in a 2000 Feasibility Study that were subsequently incorporated in a 2007 Engineering Evaluation/Cost Analysis (EE/CA) Addendum. The alternatives and their basic concepts are summarized below.

Alternative 1 – No Action: The No Action alternative consists only of environmental monitoring of the contaminated soil. This alternative is required by the NCP, in accordance with CERCLA, to provide a baseline for comparison with the other alternatives. Estimated cost of Alternative 1 is $231,000.

Alternative 2 – Capping: This alternative consists of installing a barrier (cap) over the contaminated soils. The cap, which can be constructed of asphalt, concrete, or clay, or an engineered material (geosynthetics) will prevent human contact with the contaminated soils. Institutional controls such as land use restrictions may be appropriate for Alternative 2. Estimated cost of Alternative 2 is $322,000.

Alternative 3 – Excavation and Off-Site Disposal: This alternative consists of excavation of the contaminated soils and transportation of the soils to a permitted landfill. It is assumed that the excavated soil can be characterized as non-hazardous and will be disposed at an appropriate facility. Estimated cost of Alternative 3 is $440,000.

Alternative 4 – Capping at Load Lines 2 and 4 Paint Operations Areas and Excavation and Off-Site Disposal at the Potential Landfill Area: At the Load Line 2 Paint Operations Area the location of the preliminary soil remediation area is between the receiving and painting building and a driveway. At the Load Line 4 Paint Operations Area the location of the preliminary soil remediation area is adjacent to the receiving and painting building and a concrete pad. Capping will consist of installing a low permeability or an impermeable barrier (cap) over the contaminated soils at the Load Lines 2 and 4 removal areas with periodic inspection of the cap. The cap, which can be constructed of asphalt, concrete, clay or similar engineered materials (geosynthestics) will prevent human contact with the contaminated soils. Use restrictions may be appropriate for Alternative 4. At the Potential Landfill Area**,** there are no buildings or roadways near to the preliminary soil removal area. At this location, the remedial alternative consists of excavating the contaminated soils and transporting it to a permitted landfill without treatment. Estimated cost for Alternative 4 is $439,000.

SECTION VII

SELECTED ACTIONS AND ESTIMATED COSTS

7.1 Selected Alternative:

Alternative 3 – Excavation and Off Site Disposal is selected as the Removal Action based upon the evaluation of the screening alternatives as presented in the Feasibility Study and the EE/CA Addendum. Alternative 3 – Excavation and Off Site Disposal addresses the elevated concentrations of antimony in the soils at all three exposure areas (Load Line 2, Load Line 4, and Potential Landfill) by excavating the soils to concentrations which are below the EPA Region IX PRG for antimony. It is anticipated that the volume of the excavated soil will be 308, 100, and 563 cubic yards at Load Line 2, Load Line 4, and the Potential Landfill Areas respectively (see Figures 5, 6, and 8). Confirmatory sampling will be undertaken to verify that the RAOs have been achieved. It is assumed that the soils with elevated concentrations of antimony can be characterized as non-hazardous and will be disposed of at the appropriate facility.

The EE/CA was released as an Addendum to the Former NOP OU3 Feasibility Study. These documents were made available to the public starting on February 22, 2007. A Public Meeting was held on March 5, 2007 that included a presentation of the EE/CA process and the preferred Alternative 3 Removal Action. Public concerns were recorded at the meeting. Attachment 1 (Non-Time Critical Removal Action Responsiveness Summary) is a summary of the public comments and the DoD responses.

The EE/CA was made available to the public at the Mead Public Library and the project web site (http://www.nwk.usace.army.mil/projects/mead/projectindex.html). The initial public comment period lasted from February 23 through March 22, 2007. Due to the non-availability of portions of planning documents for this OU3 Removal Action on the project web site, a 30 day extension to the public comment period was provided. Overall, no formal

written comments were received. Comments were generated at the March 5, 2007 public meeting. These comments are summarized and addressed in Attachment 1. A copy of the transcript of the public meeting may be found at the above mentioned project web site.

Alternative 3 is the selected alternative as it successfully addresses all of the screening criteria:

- Overall protection of human health and the environment
- Compliance with Applicable or Relevant and Appropriate Requirements
- Long-term effectiveness and permanence
- Reduction of toxicity, mobility, or volume
- Short-term effectiveness
- Implementability, and
- Cost

7.2 Elements of Selected Alternative:

The selected action for this Removal Action will include the following:

- Excavate soils with antimony greater than 31 mg/kg;
- Sample to verify the Removal Goal has been met;
- Dispose of the excavated soils at a permitted, off-site facility as approved by EPA; and
- Restore the removal areas with backfill, grade, and seed.

7.3 Estimated Costs:

The estimated cost for completion of Alternative 3 is $440,000. Table 2, Cost Estimate for Alternative 3 – Excavation and Off-Site Disposal, provides a detailed description of the estimated costs for the Removal Action.

7.4 Contribution to Remedial Performance

The Removal Action selected will, to the extent practicable, contribute to the efficient performance of any long term remedial action by reducing the overall site risk by eliminating the potential for exposure to soils with elevated concentrations of antimony above the EPA Region IX PRG of 31 mg/kg.

7.5 Applicable or Relevant and Appropriate Requirements and To Be Considered Standards

7.5.1 Applicable or Relevant and Appropriate Requirements

Federal

Resource Conservation and Recovery Act (RCRA) 261, Identification and Listing of Hazardous Waste.

State

Nebraska Solid Waste Rules, Title 132 chapter 13

7.5.2 To Be Considered Standards:

Federal

EPA Region IX PRG for antimony

EPA Region III RBC for antimony

EPA Region VI MSSL for antimony.

7.6 Project Schedule

This Removal Action is planned to be completed in 2008. The schedule presented below is based on the number of days after the Action Memorandum is signed.

Complete Work Plans	+ 90 days
Complete Field Work	+ 180 days
Complete Investigation Report	+ 270 days

SECTION VIII

RECOMMENDATION

This Action Memorandum presents the Removal Action for the Former NOP. The Removal Action is protective of human health and the environment and attains Federal and State requirements that are applicable and relevant and appropriate to this Removal Action.

SIGNATURE

Roger A. Wilson, Jr.
Colonel, Corps of Engineers
District Commander

12/18/07
Date

TABLE 1
Antimony-Specific Child Resident Scenario Hazardous Index Calculation Results
Former Nebraska Ordnance Plant, Mead, Nebraska

OU3 Exposure Area	Depth Below Ground Surface (feet)	No. of Samples	Concentration Range for Antimony (mg/kg)	Reasonable Maximum Exposure Point Concentrations for Antimony (mg/kg)	Antimony Hazard Index	Total Hazard Index
Load Line 2 Paint Operations Area	0 – 0.5	22	0.6 – 37.4	37.4	1.5	2.0
Load Line 2 Paint Operations Area	0 – 0.5	18	0.71 – 171	106	4.1	4.2
Potential Landfill Area	0 – 2	16	0.5 – 81.8	46	2.0	2.4

Table 2

Cost Estimate for Alternative 3
Excavation and Off-Site Disposal
Former Nebraska Ordnance Plant, Mead, Nebraska

Cost Item	Quantity	Unit	Unit Cost, $	Total Base Cost, $	Ref.
1. Capital Cost					
1.1 Direct Capital Cost					
Sampling & Analysis to Verify Remediation Area					
(3 samples east of easternmost remediation area boundary at Load Line 2 collected prior to final remedial design)					
Travel From Kansas City Or Equal					
Car Rental	2	Day	$ 48	$ 96	13
Mobilization/Demobilization To Site - Labor, Staff Scientist	12	Hour	$ 50	$ 600	6, 12
Sampling - Hand Auger, Staff Scientist	4	Hour	$ 50	$ 200	6, 12
Per Diem - Full Day	1	Day	$ 85	$ 85	11
Per Diem - Half Day, No Lodging	1	Day	$ 30	$ 30	11
Sample Containers & Shipping, Supplies, Personal Protective Equipment	1	Lump Sum	$ 50	$ 50	12
Sample Analysis For Antimony	3	Sample	$ 50	$ 150	7
Total Remediation Verification Sampling Direct Capital Cost				$ 1,211	
Fencing Around Burning/Proving Grounds					
8 ft. H, 6 ga wire, 2.5 inch line post, galv. steel	4500	Feet	$ 30.50	$ 137,250	5
3 inch diam corner post, galv. steel	20	Each	$ 106.00	$ 2,120	6
Double swing gates, 8 ft. H, 20 ft. opening	2	Each	$ 1,625.00	$ 3,250	6
Total Fencing Direct Capital Cost				$ 142,620	
Excavating And Hauling, Safety Level C					
Ordnance and Explosives Avoidance and Supervision	1	Lump Sum	$ 3,000	$ 3,000	12
Excavating To 4 Ft. Depth 1/2 Cu. Yd. Tractor/Loader Backhoe	971	Cu. Yd.	$ 5.81	$ 5,642	5
($4.65/Cu. Yd. + 25% for Safety Level C = $5.81/Cu. Yd.)					6
Transport To Butler County, NE Landfill - Roll-Off Boxes	1636	Ton	$ 20.00	$ 32,720	1
(971 Cu. Yd. @ 1.685 Ton/Cu. Yd. = 1636 Ton)					2
Disposal At Butler County Landfill, No Treatment	1636	Ton	$ 36.25	$ 59,305	1
Sampling & Analysis For Soil Toxicity Characterization For Landfill Acceptance					
(Sampling conducted Prior to Excavation)					
Travel From Kansas City Or Equal					
Car Rental	3	Day	$ 48	$ 144	13
Mobilization/Demobilization To Site - Labor, Staff Scientist	16	Hour	$ 50	$ 800	6, 12
Sampling - Hand Auger, Staff Scientist	8	Hour	$ 50	$ 400	6, 12

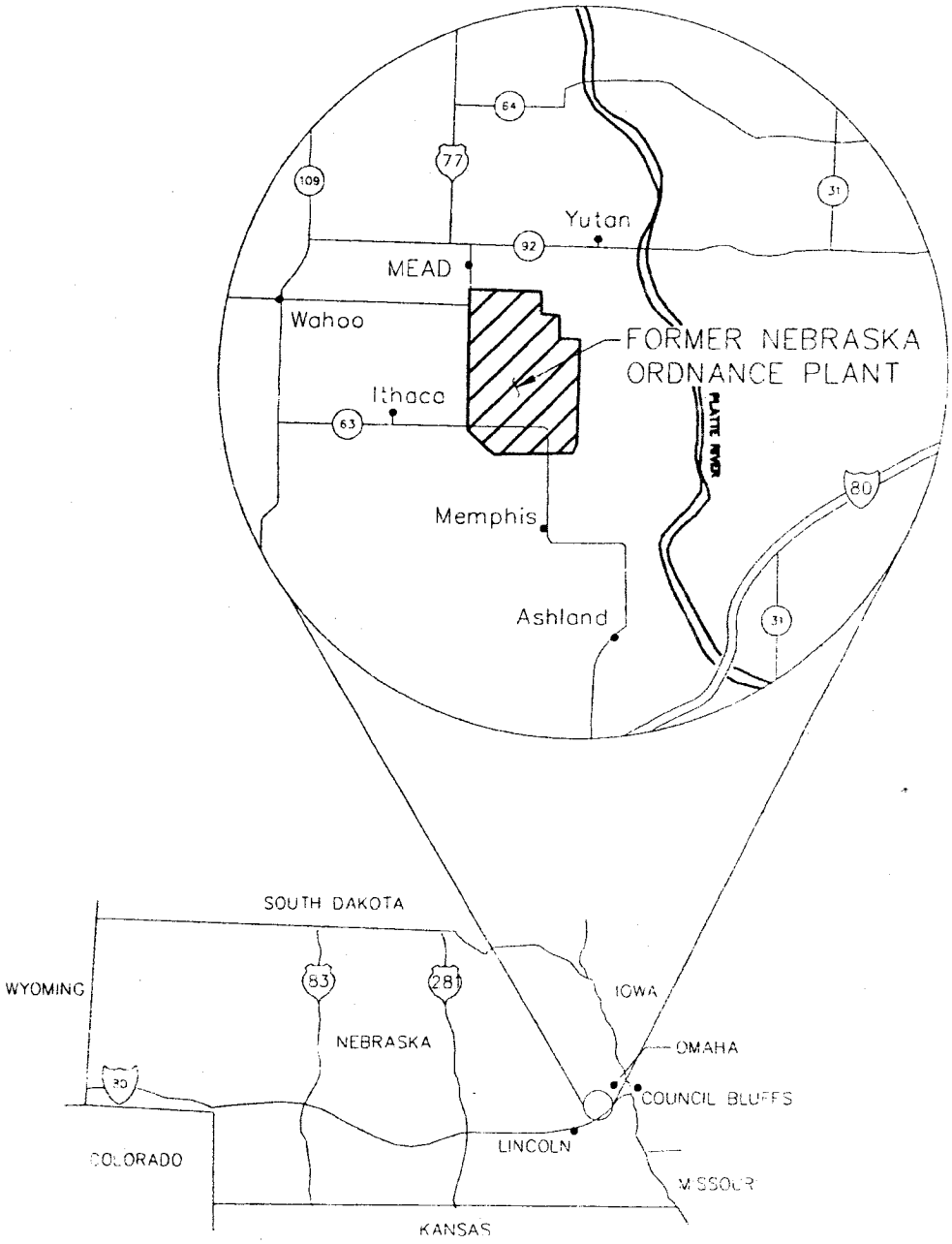
Table 2 (cont.)

Per Diem - Full Day	2	Day	$	85	$	170	11
Per Diem - Half Day, No Lodging	1	Day	$	30	$	30	11
Sample Containers & Shipping, Supplies, Personal Protective Equipment	1	Lump Sum	$	100	$	100	12
Sample Analysis For Soil Toxicity Characterization For Landfill Acceptance	9	Sample	$	959	$	8,631	7
(3 samples per location x 3 locations of Load lines 2 & 4 & Potential Landfill)							12
Replace Excavated Soil With Backfill - Top Soil From Off-Site (Loose Soil AT 1.2 Ton/Cu. Yd. = 1223 Cu. Yd. To Be Compacted Into Excavation) (Includes soil cost, transportation, compaction & labor)	1223	Cu. Yd.	$	28.51	$	34,868	6
Seeding - Vegetative Cover	1644	Sq. Yd.	$	2.93	$	4,817	6
Total Excavation and Off-Site Disposal Direct Capital Cost					$	150,626	
Total Direct Capital Cost					$	294,457	
1.2 Indirect Capital Cost							
Design Plan	1	Lump Sum		10,000	$	10,000	12
Health & Safety - 8% of Direct Capital Cost	1	Lump Sum		23,557	$	23,557	12
Legal & Administration - 5% of Direct Cost	1	Lump Sum		14,723	$	14,723	6
Construction Related Services - 8% of Direct Cost (Administrative, Bonds & Insurance, Fees/Permits, etc.)	1	Lump Sum		23,557	$	23,557	6
Contingency -25% of Direct Cost	1	Lump Sum		73,614	$	73,614	12
Total Indirect Capital Cost					$	145,450	
Total Capital Cost					**$**	**439,907**	
2. Operations and Maintenance Cost						$0	
There is no annual Operations & Maintenance because all contaminated soil is removed from the site.							
Present Worth Of Annual Operations And Maintenance Costs						$0	
Total Capital and Present Worth Costs					**$**	**439,907**	

Table 2 (cont.)

Summary of Estimated Costs

	+50% Range Base Cost, $	Base Cost, $	-30% Range Base Cost, $
1. Total Capital Cost	$ 659,861	$ 439,907	$ 307,935
2. Total Present Worth Annual Operation And Maintenance Cost	$0	$0	$0
3. Total Present Worth Cost - Alternative 3 - Excavation And Off-Site Disposal (Total Capitol And Present Worth Annual Operations And Maintenance Cost)	$ 659,861	$ 439,907	$ 307,935



US Army Corps of Engineers
Kansas City District

Figure 1

General Site Location Map

October 20, 1999 6:37:54 pm (OVP)
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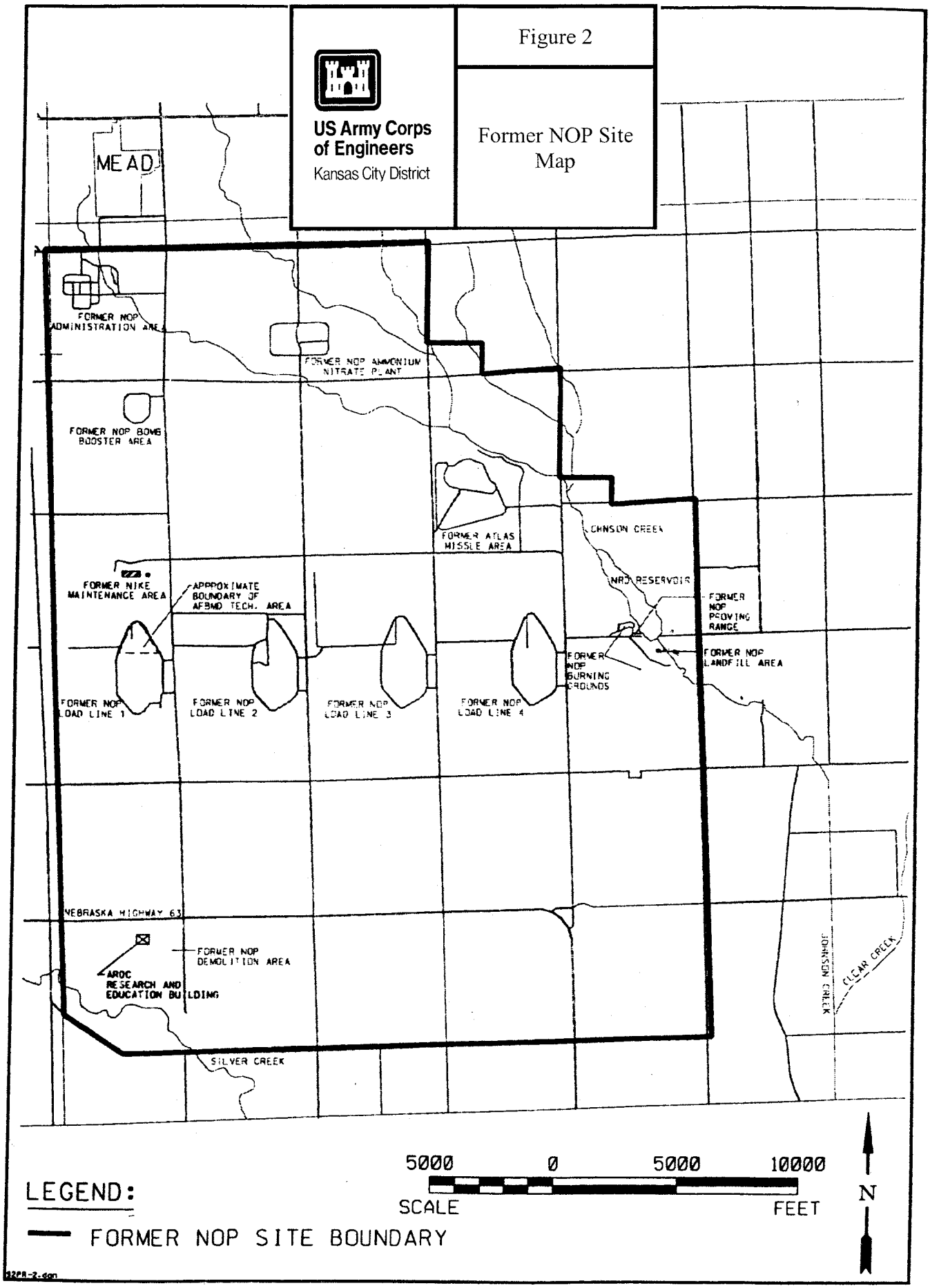
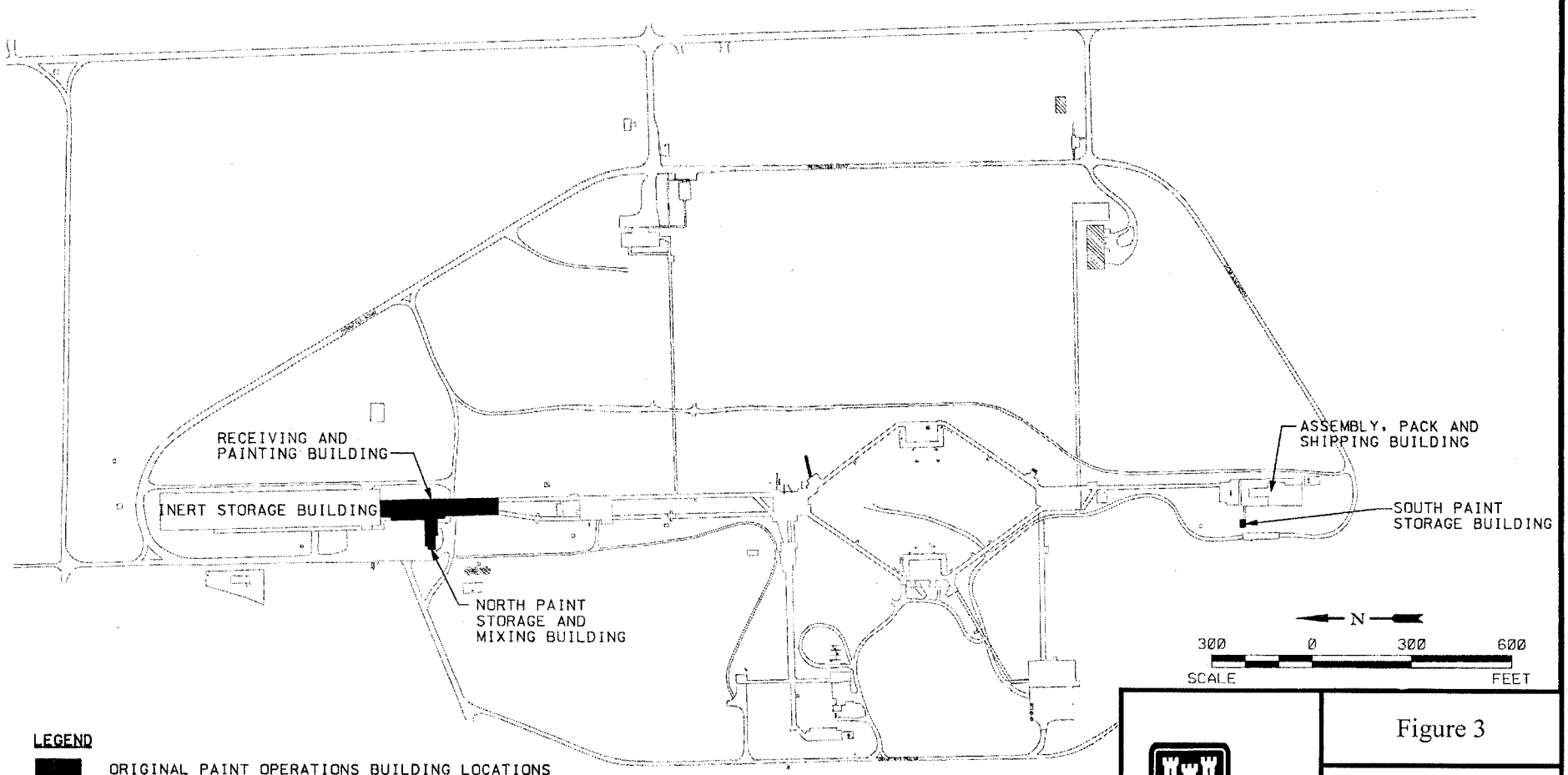

US Army Corps of Engineers
Kansas City District
Figure 2
Former NOP Site Map
MEAD
FORMER NOP ADMINISTRATION AREA
FORMER NOP AMMONIUM NITRATE PLANT
FORMER NOP BOMB BOOSTER AREA
FORMER ATLAS MISSLE AREA
JOHNSON CREEK
NRD RESERVOIR
FORMER NOP PROVING RANGE
FORMER NIKE MAINTENANCE AREA
APPROXIMATE BOUNDARY OF AFBMD TECH. AREA
FORMER NOP BURNING GROUNDS
FORMER NOP LANDFILL AREA
FORMER NOP LOAD LINE 1
FORMER NOP LOAD LINE 2
FORMER NOP LOAD LINE 3
FORMER NOP LOAD LINE 4
NEBRASKA HIGHWAY 63
FORMER NOP DEMOLITION AREA
AROC RESEARCH AND EDUCATION BUILDING
SILVER CREEK
JOHNSON CREEK
CLEAR CREEK
5000 0 5000 10000
SCALE FEET
N
LEGEND:
FORMER NOP SITE BOUNDARY



LEGEND

ORIGINAL PAINT OPERATIONS BUILDING LOCATIONS

NOTE:

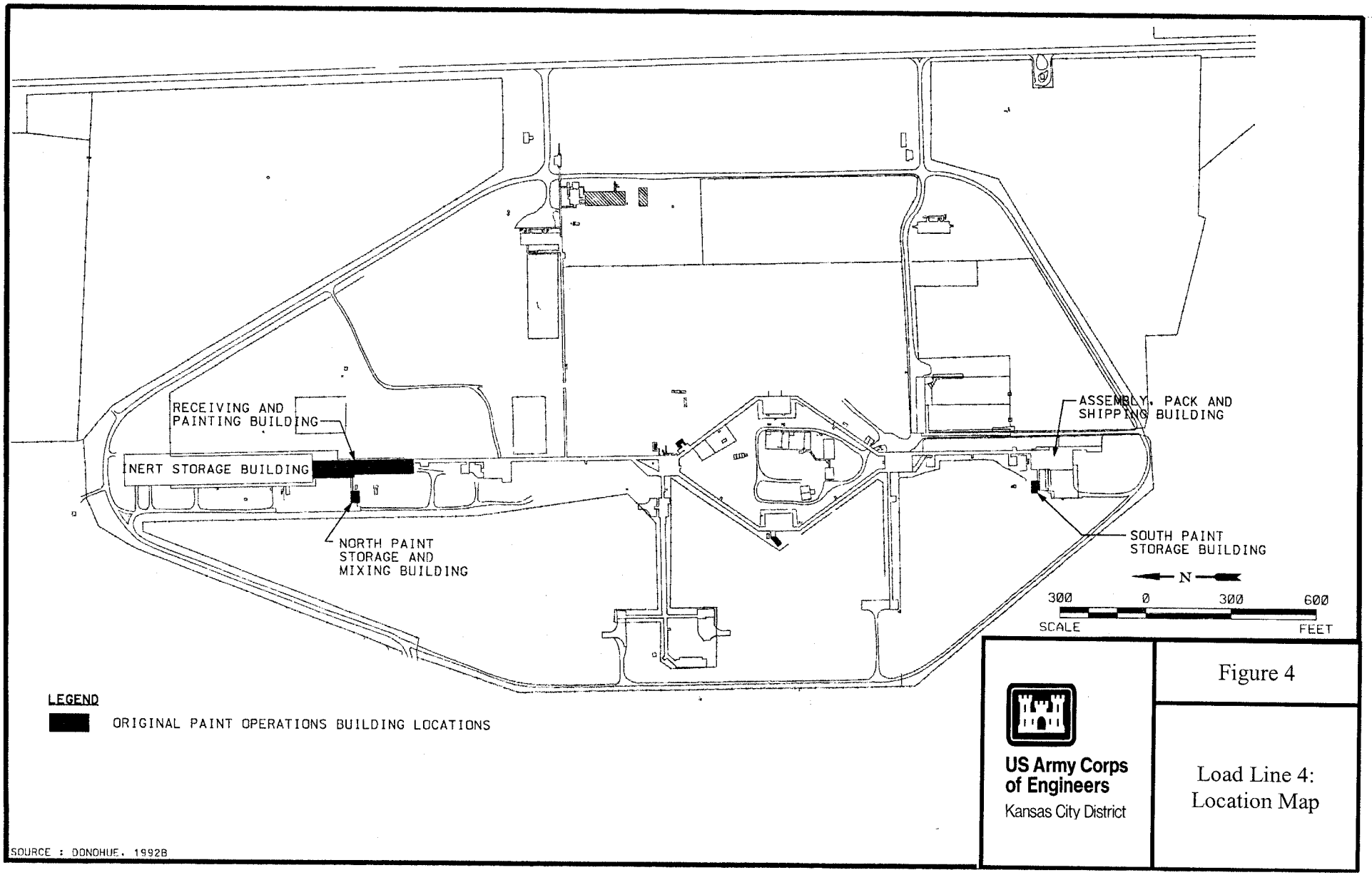
THE SOUTH PAINT STORAGE BUILDING AT LOAD LINE 2 HAS BEEN DEMOLISHED.

SOURCE : DONOHUE, 1992B

US Army Corps of Engineers
Kansas City District

Figure 3

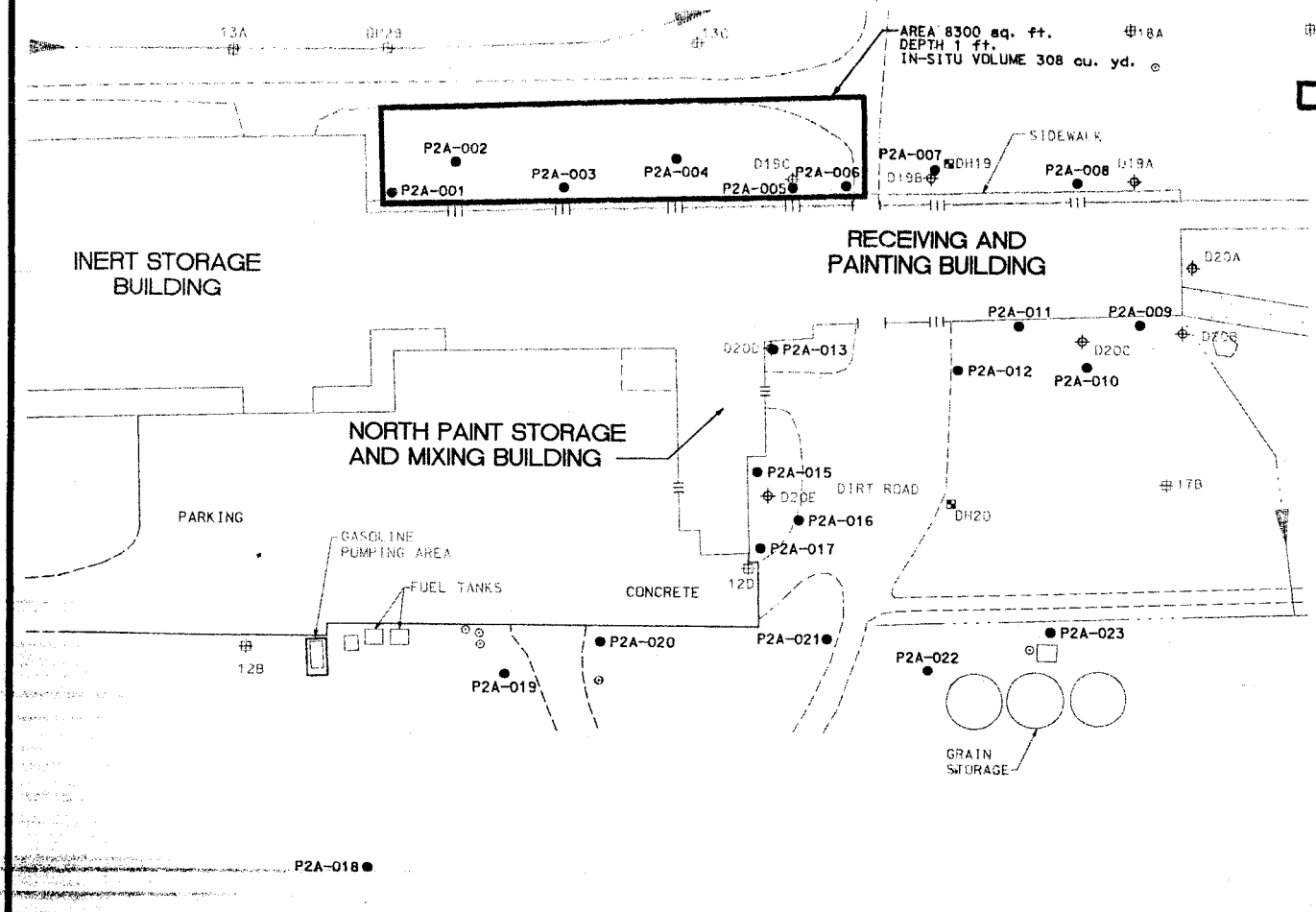
Load Line 2:
Location Map



US Army Corps of Engineers
Kansas City District

Figure 4

Load Line 4:
Location Map



LEGEND:

● P2A-001	PHASE I RI SAMPLE LOCATION
DH4	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
D19C	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
CP40	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)
	PRELIMINARY SOIL REMEDIATION AREA

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING: P2A-001 AT 6.5 FT, P2A-002 AT 20.0 FT, P2A-003 AT 7.5 FT, P2A-004 AT 20.0 FT, P2A-005 AT 7.0 FT, P2A-006 AT 7.0 FT, P2A-007 AT 20.0 FT, P2A-008 AT 7.0 FT, P2A-009 AT 2.0 FT, P2A-010 AT 20.0 FT, P2A-011 AT 1.0 FT, P2A-012 AT 20.0 FT, P2A-013 AT 2.0 FT
2. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE NORTH PAINT STORAGE AND MIXING BUILDING: P2A-015 AT 2.0 FT, P2A-016 AT 20.0 FT, P2A-017 AT 5.0 FT
3. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE CONCRETE PAD WEST OF THE NORTH PAINT STORAGE AND MIXING BUILDING: P2A-018 AT 100.0 FT, P2A-019 AT 20.0 FT, P2A-020 AT 5 FT
4. SHALLOW SOIL SAMPLE P2A-014 NOT COLLECTED DUE TO CONCRETE PAD AT SAMPLING LOCATION.

N

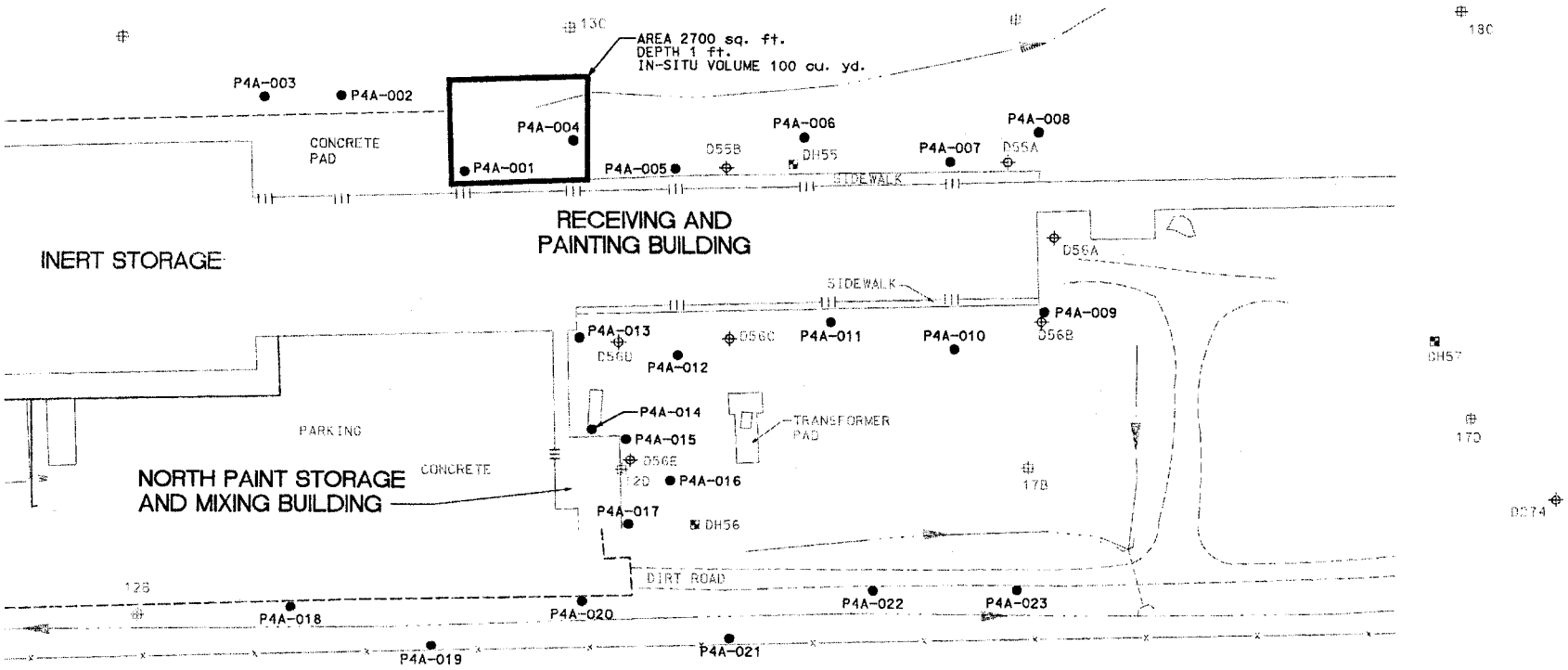
50 0 50 100

SCALE FEET

US Army Corps of Engineers
Kansas City District

Figure 5

Load Line 2: Removal Area



LEGEND:

● P4A-001	PHASE I RI SOIL SAMPLE LOCATION
■ DH56	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 RI 1991)
⊕ D56E	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (CONFIRMATION STUDY 1989)
⊕ 12B	PREVIOUS INVESTIGATION SOIL SAMPLE LOCATION (OU1 SUPPLEMENTAL RI/FS 1992)
▭	PRELIMINARY SOIL REMEDIATION AREA

NOTES:

1. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE RECEIVING AND PAINTING BUILDING:
   P4A-001 AT 7.0 FT, P4A-002 AT 42.0 FT,
   P4A-003 AT 42.0 FT, P4A-004 AT 20.0 FT,
   P4A-005 AT 7.0 FT, P4A-006 AT 20.0 FT,
   P4A-007 AT 7.0 FT, P4A-008 AT 20.0 FT,
   P4A-009 AT 3.0 FT, P4A-010 AT 20.0 FT,
   P4A-011 AT 7.0 FT, P4A-012 AT 20.0 FT,
   P4A-013 AT 3.0 FT
2. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES FROM THE EXTERIOR WALLS OF THE NORTH PAINT STORAGE/MIXING BUILDING:
   P4A-014 AT 1.0 FT, P4A-015 AT 1.0 FT,
   P4A-016 AT 20.0 FT, P4A-017 AT 1.0 FT
3. SOIL SAMPLES WERE COLLECTED THE FOLLOWING DISTANCES WEST OF THE CONCRETE PAD AND OR DIRT ROAD WEST OF THE NORTH PAINT STORAGE/MIXING BUILDING:
   P4A-018 AT 1.0 FT, P4A-019 AT 20.0 FT,
   P4A-020 AT 1.0 FT, P4A-021 AT 20.0 FT,
   P4A-022 AT 1.0 FT, P4A-023 AT 1.0 FT

N

50 0 50 100

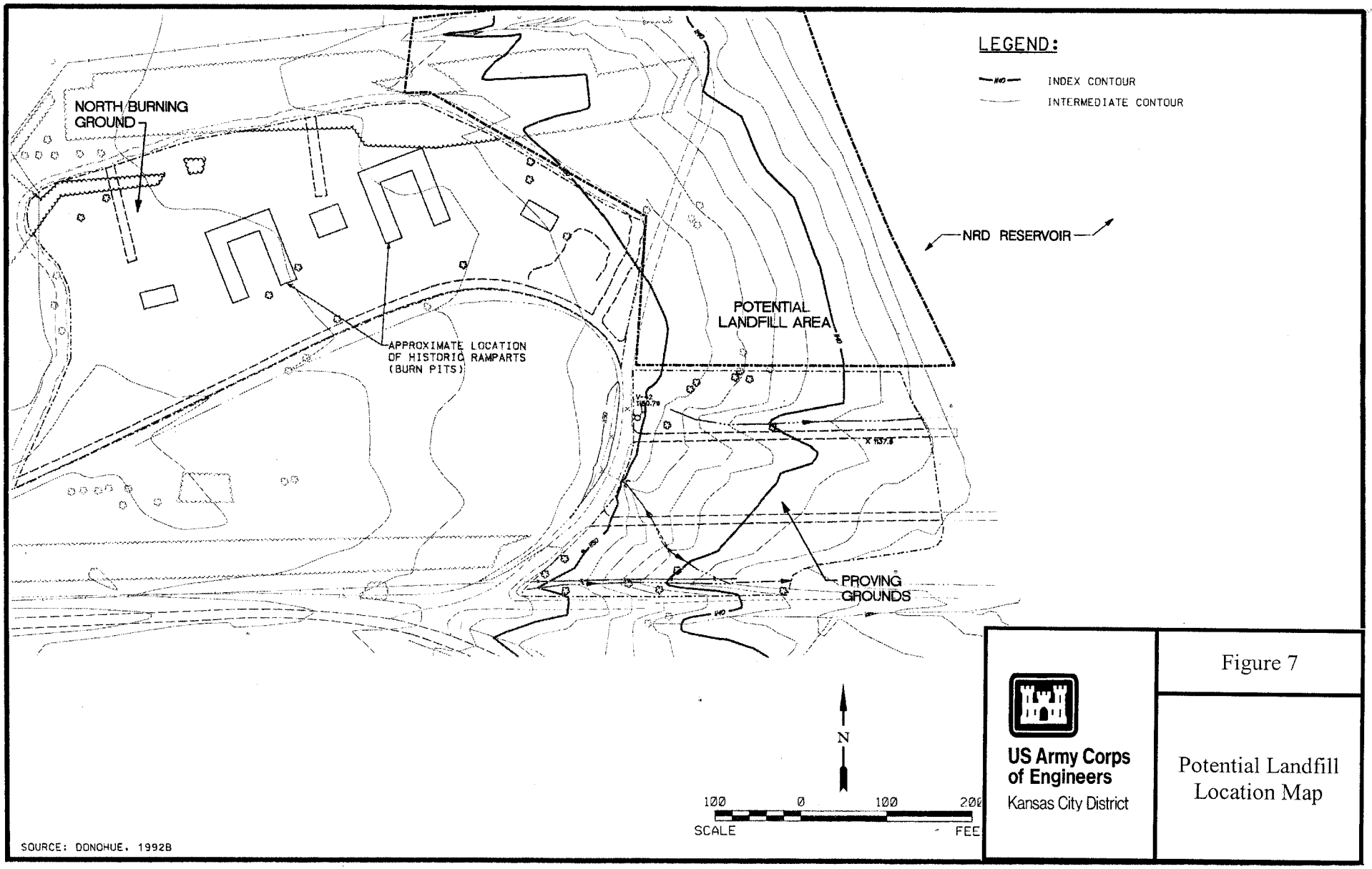
SCALE FEET

SOURCE : DONOHUE, 1992B

US Army Corps of Engineers
Kansas City District

Figure 6

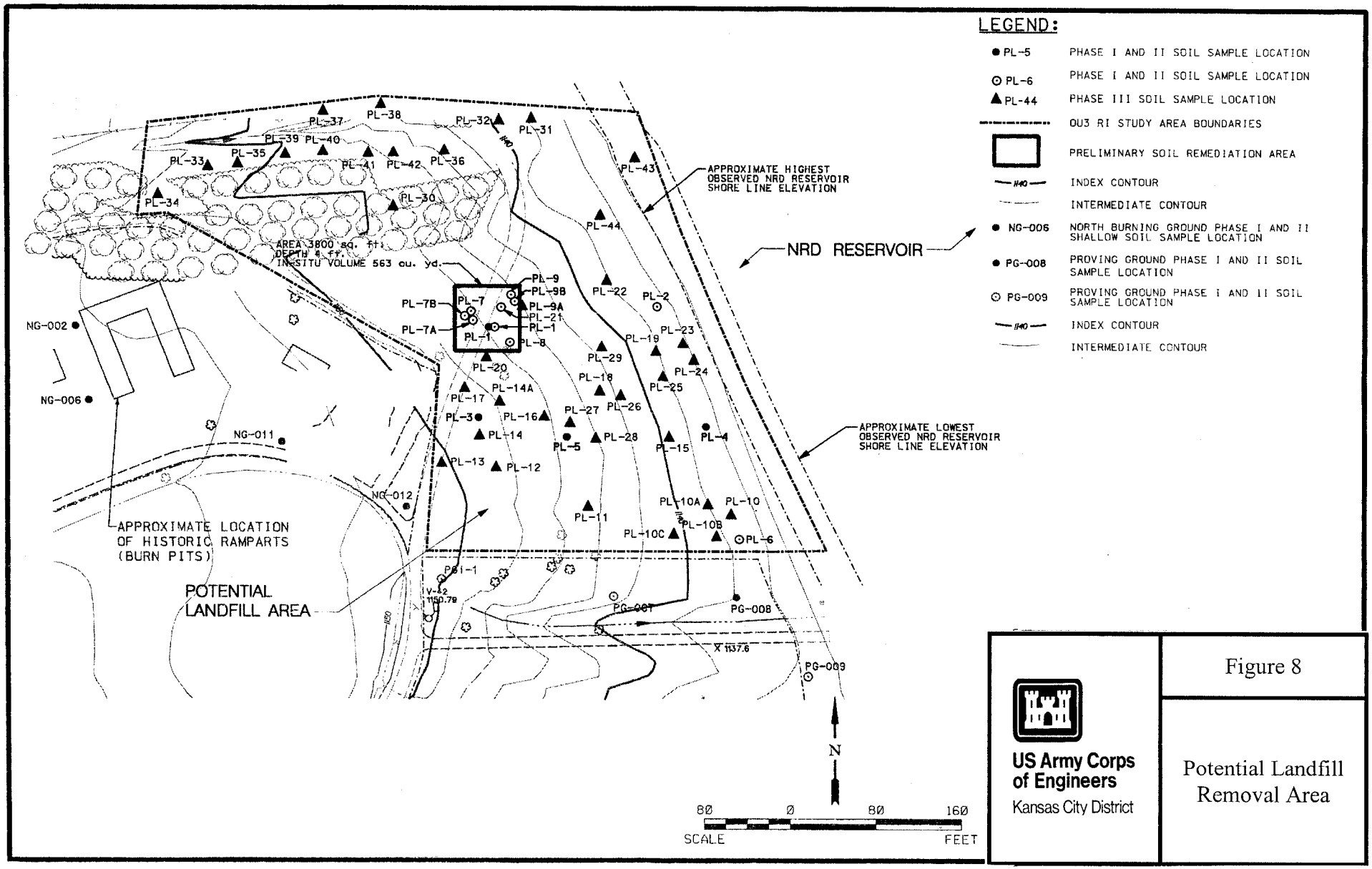
Load Line 4: Removal Area



US Army Corps of Engineers
Kansas City District

Figure 7

Potential Landfill Location Map



US Army Corps of Engineers
Kansas City District

Figure 8

Potential Landfill Removal Area

ATTACHMENT 1

NON-TIME CRITICAL REMOVAL ACTION RESPONSIVENESS SUMMARY OPERABLE UNIT 3 Former Nebraska Ordnance Plant

The EE/CA was released as an Addendum to the Former NOP OU3 Feasibility Report. A Public Meeting was held on March 5, 2007 that included a presentation of the EE/CA process and the preferred Alternative 3 Removal Action. Public concerns were recorded at the meeting. This Attachment is a summary of the public comments and the DoD responses.

The EE/CA was made available to the public at the Mead Public Library and the project web site (http://www.nwk.usace.army.mil/projects/mead/projectindex.html). The public comment period lasted from February 23 through March 22, 2007. No comments were received.

Public comments and questions from the Public Meeting held on March 5, 2007 were grouped and summarized into ten general questions. The Army received no comments via mail during the public comment period.

1. What was the extent of sampling done around and under the reservoir?

   During the 1999 Field Event for the Remedial Investigation Addendum Report released in February 2000, soil samples were collected along the eastern edge of the Potential Landfill and Proving Grounds (i.e. the western shore of the Lower Platte (North) Natural Resource District [NRD] Reservoir). Sampling was conducted approximately within 50 feet of the shoreline at 50 foot intervals along the shoreline adjacent to the Potential Landfill and Proving Ground.

   Additionally, during a 1999 drawdown of the NRD Reservoir, sediment sampling was completed within the lakebed. Two samples were collected in the sediments of the reservoir directly east of both the Potential Landfill and Proving Ground. An additional 3 sediment samples were collected around the shoreline.

2. Past risk questions that were previously raised during public meetings and associated with the reservoir should be included in this project.

   As the commenter was informed during the public meeting, this comment did not contain a specific issue related to this Removal Action. In February 2000 a Baseline Risk Assessment for Operational Unit 3 was issued to address the current risk status at the Site. This Action Memorandum addresses the antimony in soil removal.

3. Explain discrepancies in the date of the report and included tables that are missing on the internet site. The public requested additional time to review the corrected document.

The comment period was extended 30 days to accommodate the public's request. The materials were updated on the internet site. The Final Baseline Risk Assessment for Operational Unit 3 is dated February 2000. There appears to be some discrepancies in the date found at the bottom of some tables. Tables are generated for various drafts of the report. The date on the table reflects the last date it was updated. Updates are typically generated based on comments from the public and environmental regulators.

4. How was the final extent of contamination for antimony determined in all areas? How were sampling intervals and depths determined? How did the Army decide on the antimony cleanup level of 31 parts per million?

The removal goal of 31 parts per million is based upon the U. S. Environmental Protection Agency's Region III, VI, and IX screening levels for antimony which are protective of the residential child as the most sensitive receptor. The estimated extent of the excavation (width and depth) is based on soil data where the antimony risk is reduced to acceptable levels. The estimated extent of the excavation is also based on physical features such as buildings and roads. Confirmation sampling is part of the field work that will be done as part of the removal action.

5. Clarify the Risk Assessment timeline and guidance used. Explain the derivation and use of the Hazard Index risk number.

The method for calculating a Hazard Index for antimony has changed since the BLRA was finalized. Under RAGS Part E (2004) which addresses dermal risk assessment, skin absorption of metals is no longer assumed without metal-specific data and the soil adherence to skin for the child resident is reduced to 1/5th of the level used in the BLRA. The 31 mg/kg antimony cleanup level conforms with the exposure and toxicity factors that would be used in a risk assessment if the BLRA were being done today. This value is not only presented in the 2004 Region 9 PRGs, but is also the number currently presented in the Region III Risk-Based Concentration Table (October, 2007) and the Region 6 Media-Specific Screening Levels (December, 2007).

6. How is contaminated soil treated before disposal? What are the approximate costs and how will they compare to the cost estimates in the Feasibility Study?

There is no requirement to treat this soil before disposal. The costs as stated in Feasibility Study represent the approximate costs for this Removal Action.

7. How will the Army make a hazardous waste determination of the contaminated soil prior to disposal?

This soil is not considered hazardous waste, however; the Army will follow all applicable Resource Conservation and Recovery Act criteria to determine classification of waste prior to disposal.

8. Explain why land use controls and deed restrictions have not been implemented. How will land use controls be put in place for this operable unit?

> *Land use controls or deed restrictions are not appropriate for this Removal Action at the Load Line 2 Paint Operations Area, the Load Line 4 Paint Operations Area, and the Potential Landfill Area. The selected Removal Action will results in no hazardous substance above the removal goals following soil excavation and disposal.*

9. Why does the current description of OU3 as the "catch-all" unit differ from the description in the Federal Facilities Agreement (FFA)? Has the FFA ever been updated?

> *The FFA has not been updated. The FFA parties have agreed that the most efficient manner to address the remaining issues at the Site is to include them in the final Operable Unit 3.*

10. Why do the Hazard Index risk numbers change between the Draft and Draft Final Feasibility Study Reports?

> *In the period between the issuance of the Draft and Draft Final Feasibility Study Reports, the analytical results used to calculate the Hazard Index were deemed to be of questionable data quality based on one estimated value for antimony. Therefore, that result was removed from the calculations and the Hazard Index was revised. The Hazard Index in the Draft and Draft Final Feasibility Study Report both exceeded the standard of 1.0 which indicates the potential for adverse health effects. Despite the change in the Hazard Index values the overall extent (length, width, and depth) and removal goal of the removal action were not changed as a result of the change in the risk estimate.*

APPENDIX B – BUTLER COUNTY LANDFILL SPECIAL WASTE DISPOSAL REQUESTS AND APPROVALS

LOAD LINE 2 AND LOAD LINE 4
SPECIAL WASTE DISPOSAL REQUEST

SPECIAL WASTE PERMIT APPLICATION

BUTLER COUNTY LANDFILL INC.

3588 R Rd
David City, NE 68632
Phone: (402) 367-4662 Fax: (402) 367-4079

Disposal Facility: BUTLER COUNTY LANDFILL INC. 3558 R ROAD DAVID CITY, NE 68632

Generator name and address: USACE, 601 E. 12th Street, Kansas City MO 64106

Billing name & address Kingston Environmental, 15450 Hangar Rd, KC MO 64147

Waste description: Soil contaminated with Antimony

Quantity: 1000 cuyds Frequency of disposal: ☒ One-time ☐ Monthly ☐ Other:

Process generating waste: excavation

Waste address *(include county & zip code)*: Load Line 2, Load Line 4, MEAD NOP, Saunders County, NE 68041

Contact: Jennifer Shimamoto Phone: 816 / 524-8811 Fax: 816 / 525-5027

Transporter: Kingston Environmental Phone: 816 / 524-8811 Fax: 816 / 525-5027

PHYSICAL CHARACTERISTICS AND DOCUMENTATION

Physical state: ☒ Solid ☐ Semi-solid ☐ Dusty ☐ Sludge ☐ Color:

Analytical results: ☒ TPH (PCS) ☒ Volatiles ☒ pH ☒ TCLP-Metals ☒ BTEX ☐ Pesticides ☒ PCB ☐ Other:

Sample source: ☐ Pile ☒ In-ground ☐ Pit bottom ☐ Other:

Additional information: ☐ MSDS ☐ Process knowledge ☐ Other:

NON-HAZARDOUS DETERMINATION

Under 40 CFR Part 261, is this a Listed or Characteristic waste? ☐ Yes ☒ No
Is waste classified as a state-only or provincial hazardous waste? ☐ Yes ☒ No
Is waste covered or restricted from landfilling by any permit? ☐ Yes ☒ No
Basis for non-hazardous determination: Low Concentration Levels

WASTE CERTIFICATION STATEMENT

I hereby certify that all information contained herein is true and correct, and the material described is properly identified, classified, packaged, labeled, and prepared as indicated. I certify this waste is not hazardous or dangerous as defined by the U.S. EPA, or the state or province of origin. I certify this waste does not contain any regulated radioactive materials. I certify that all samples used for this analysis are representative of the materials described herein. I will notify the company if there is a change in the composition of, or process generating this waste stream.

Virgil B. Teaford III
Name (print)

Environmental Specialist
Title

Authorized representative's signature

Date

Form EC1004200

REPRESENTATIVE SAMPLE CERTIFICATION

INSTRUCTIONS: This form must be completed in order to determine the acceptability of the waste described in the Special Waste Permit Application for disposal at a municipal solid waste landfill. Analytical data for certain wastes is required for an adequate assessment of waste composition and regulatory status. This form is used to certify that the analytical data presented was derived from testing a *representative* sample, which reflects the physical characteristics and chemical components in the same proportion as the *total* waste stream. A representative sample may be obtained using methods specified in federal (40 CFR Part 261, Appendix I) or state regulations.

SECTION A: DESCRIBE SAMPLING POINT OR LOCATION

☐ Pile ☒ In-ground ☐ Pit bottom ☐ Drum ☐ Other: _____

SECTION B: SAMPLING METHOD

☒ I have obtained a representative sample of the waste material described in the attached special waste permit application according to the sampling methods specified in 40 CFR Part 261.

☐ I have obtained a representative sample of the waste material described in the attached special waste permit application by an equivalent method.

SECTION C: REPRESENTATIVE DATA CERTIFICATION

Generators' name: USACE - Kansas City

Waste type: Soil

Date sample collected: 11-08-07

Samplers' name: Virgil B. Teaford III

Samplers' employer: Kingston Environmental

SECTION D: REPRESENTATIVE SAMPLE CERTIFICATION

I hereby certify that the analytical data presented was derived from testing a representative sample taken in accordance with one of the methods listed in Section A of this form.

Virgil B. Teaford III
Name

Virgil B. Teaford III
Authorized representative's signature

Environmental Specialist
Title

Date

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

November 21, 2007

Brad Teaford
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: Mead NOP 07R760

WorkOrder: 07110336

Dear Brad Teaford:

TEKLAB, INC received 4 samples on 11/10/2007 9:23:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
LabOrder: 07110336
Report Date: 21-Nov-07

CASE NARRATIVE

Cooler Receipt Temp: 4.2 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 9:35:46 PM	LAL
Barium	NELAP	0.0500		**1.41**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Cadmium	NELAP	0.0200		**0.0300**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Chromium	NELAP	0.100		**0.135**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Lead	NELAP	0.400		**1.01**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 9:35:46 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Cresols, Total	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobutadiene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachloroethane	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
m,p-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Nitrobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
o-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pentachlorophenol	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pyridine	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**82.7**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**75.2**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**46.4**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**71.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**33.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**75.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL

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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
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Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**101.0**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**102.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**100.9**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Toluene-d8		84.6-115		**98.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1221	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1232	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1242	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1248	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1254	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1260	NELAP	36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Polychlorinated Biphenyls (Total)		36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**56.0**	%REC	1	11/13/2007 2:33:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.7**	%REC	1	11/13/2007 2:33:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.47	J	**0.28**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**< 100**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**7.25**		1	11/12/2007 8:50:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.413		**2.54**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 10:01:15 PM	LAL
Barium	NELAP	0.0500		**0.576**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Cadmium	NELAP	0.0200		**< 0.0200**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Chromium	NELAP	0.100		**< 0.100**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Lead	NELAP	0.400		**0.661**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 10:01:15 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Cresols, Total	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobutadiene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachloroethane	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
m,p-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Nitrobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
o-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pentachlorophenol	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pyridine	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**85.1**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**74.9**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**42.0**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**70.4**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**30.3**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**79.5**	%REC	1	11/13/2007 5:25:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**99.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**97.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**104.6**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Toluene-d8		84.6-115		**97.1**	%REC	50	11/14/2007 1:39:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020	J	**0.00007**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1221	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1232	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1242	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1248	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1254	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1260	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Polychlorinated Biphenyls (Total)		37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**85.7**	%REC	1	11/13/2007 2:50:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.4**	%REC	1	11/13/2007 2:50:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.46	J	**0.26**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**147**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**6.16**		1	11/12/2007 8:52:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.439		**1.29**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**17.5**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**82.5**	%	1	11/13/2007	JPK
SW-846 3050B, 6010B, METALS BY ICP								
Aluminum	NELAP	4.72		**16400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Antimony	NELAP	4.72		**< 4.72**	mg/Kg-dry	1	11/13/2007 4:47:19 PM	LAL
Arsenic	NELAP	2.36		**4.57**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Barium	NELAP	0.47		**287**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Beryllium	NELAP	0.09		**0.84**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cadmium	NELAP	0.19		**0.54**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Calcium	NELAP	4.72		**11600**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Chromium	NELAP	0.94		**18.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cobalt	NELAP	0.94		**9.15**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Copper	NELAP	0.94		**12.6**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Iron	NELAP	1.89		**21400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Lead	NELAP	3.77		**12.5**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Magnesium	NELAP	0.94		**8180**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Manganese	NELAP	0.47		**197**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Nickel	NELAP	0.94		**22.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Potassium	NELAP	9.43		**2890**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Selenium	NELAP	3.77	J	**2.7**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Silver	NELAP	0.94		**< 0.94**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Sodium	NELAP	4.72	B	**184**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Thallium	NELAP	4.72		**5.23**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Vanadium	NELAP	0.94		**35.7**	mg/Kg-dry	1	11/14/2007 4:20:46 PM	LAL
Zinc	NELAP	0.94		**62.4**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
4,4´-DDD	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4´-DDE	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4´-DDT	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Aldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-Chlordane	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
beta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Chlordane	NELAP	4.04		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
delta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Dieldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan I	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
Endosulfan II	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan sulfate	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin aldehyde	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin ketone	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-Chlordane		2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor epoxide	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Methoxychlor	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Toxaphene	NELAP	36.3		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Surr: Decachlorobiphenyl		48-149		**96.8**	%REC	1	11/13/2007 10:23:00 PM	HE
Surr: Tetrachloro-m-xylene		19-145		**76.1**	%REC	1	11/13/2007 10:23:00 PM	HE
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1221	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1232	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1242	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1248	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1254	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1260	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**77.1**	%REC	1	11/13/2007 3:07:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**55.1**	%REC	1	11/13/2007 3:07:00 PM	HE
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,3-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,4-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,5-Trichlorophenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dichlorophenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dimethylphenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrophenol	NELAP	1.18		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,6-Dinitrotoluene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chloronaphthalene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chlorophenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Methoxy-4-methylphenol		0.764		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3,3´-Dichlorobenzidine	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Bromophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloro-3-methylphenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chlorophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Aniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Azobenzene		0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzidine	NELAP	1.24		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)pyrene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzyl alcohol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethoxy)methane	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethyl)ether	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroisopropyl)ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-ethylhexyl)phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Butyl benzyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Carbazole		0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Chrysene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzofuran	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Diethyl phthalate	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dimethyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-butyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-octyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Fluoranthene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Fluorene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobenzene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobutadiene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorocyclopentadiene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachloroethane	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Isophorone	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
m,p-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Naphthalene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Nitrobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodimethylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitroso-di-n-propylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodiphenylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
o-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pentachlorophenol	NELAP	2.35		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenanthrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyrene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyridine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Diphenylhydrazine		0.987		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Surr: 2,4,6-Tribromophenol		32.7-130		**68.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorobiphenyl		34.1-116		**51.5**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorophenol		30.5-99		**54.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Nitrobenzene-d5		34.1-101		**56.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Phenol-d5		34.9-110		**59.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: p-Terphenyl-d14		41.7-124		**65.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
SW-846 7471A								
Mercury	NELAP	0.012		**0.030**	mg/Kg-dry	1	11/14/2007	MEK

Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

Na - Sample result was more than 10 times the blank contamination. Data is reportable.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**18.9**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**81.1**	%	1	11/13/2007	JPK
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloro-2-propanone		59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloropropene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichloropropane	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trimethylbenzene		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromoethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1-Chlorobutane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Butanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Hexanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Nitropropane	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Methyl-2-pentanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acetone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrolein	NELAP	118		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrylonitrile	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Allyl chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Benzene	NELAP	1.18		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromodichloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromoform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon disulfide	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon tetrachloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chlorobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.73		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Cyclohexanone		118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromomethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dichlorodifluoromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl acetate	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl ether	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Heptane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachlorobutadiene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachloroethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Iodomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Isopropylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
m,p-Xylenes	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methacrylonitrile	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl Methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.37		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylacrylate		11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylene chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Naphthalene	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
n-Butylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Nitrobenzene	NELAP	118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Propylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
o-Xylene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Pentachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
p-Isopropyltoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Propionitrile	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
sec-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Styrene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
tert-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrachloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrahydrofuran	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Toluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	4.73		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichlorofluoromethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl acetate	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl chloride	NELAP	2.37		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		65.5-125		**102.7**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: 4-Bromofluorobenzene		75.8-120		**95.9**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Dibromofluoromethane		72.8-122		**107.0**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Toluene-d8		85-115		**96.3**	%REC	1	11/13/2007 3:22:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 07110336
Report Date: 21-Nov-07

Carrier: FedEx

Received By: EAH

Completed by: Marvin L. Darling II
On: 12-Nov-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 12-Nov-07
Elizabeth A. Hurley

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.2
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

EMVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Page: 1 of 1

07110336

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	Head NOP	A	Landfill Special Wastes	K	
WO:		Project Number:	07R760	B	TCL SVOC SW846 Meth 8270 C		
Company:	Kingston Environmental	Bill To:		C	TCL VOC SW846 Meth 8260 B		
Report to:	Brad Teaford	Invoice ATTN:		D	TCL Pesticides SW-846	N	
Address:	15450 Hangar Road	Address:		E	PCBs method 8081A	O	
	Kansas City, KS 66147			F	TAL Metals SW846 method 6000 and 7000 series	P	
				G		Q	
E-mail:	bradt@kingstonenv.com			H		R	
Phone:	816.624.8811	Phone:		I		Other:	
Fax:	816.525.5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	07110336
1	LL2-001-FS-1107-G	Unpreserved	11-08-07	1250	grab	Soil	1	X															-001
2	LL4-001-FS-1107-G	Unpreserved	11-08-07	1200	grab	Soil	1	X															-002
3	BS1-001-FS-1107-C	Unpreserved	11-08-07	1:50	composite	Soil	3		X	X	X	X	X										-003
4	BS1-001-FS-1107-G		11-08-07	1.50	grab	Soil	1			X													-004
6																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford | Shipment Method: Fed ex | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	11-09-07	[signature]	11/9/07	[signature]	11/9/07	Elizabeth A Hurley	11/10/07
Company: KES	Time: 940	Company:	Time: 940	Company:	Time: 1500	Company:	Time: 0923
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: The VOC sample for BS1-001-FS-1107 was taken as a grab from one of the 4 Aliquots used in the composite

Standard turn | Other ICED

Rushturn | Cooler Temp: 4.2°C

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Phone: 877.344.1003 Fax: 618.344.1005

Project Manager: Shelly Hennessy

POTENTIAL LANDFILL AREA
SPECIAL WASTE DISPOSAL REQUEST

SPECIAL WASTE PERMIT APPLICATION
BUTLER COUNTY LANDFILL INC.

3588 R Rd David City, NE 68632
Phone: (402) 367-4662 Fax: (402) 367-4079

DISPOSAL SITE: **BUTLER COUNTY LANDFILL INC. 2558 R ROAD DAVID CITY, NE 68632**

Generator name and address: USACE, 601 E. 12th Street, Kansas City, MO 64106

Billing name & address Kingston Environmental, 15450 Hangar Rd, Kansas City, MO 64147

Waste description: Soil contaminated with Antimony

Quantity: 700 cuyd Frequency of disposal: ☒ One-time ☐ Monthly ☐ Other:_____

Process generating waste: Excavation

Waste address ***(include county & zip code)***: PLA (potential landfill area), Mead NOP OU3, Saunders County NE 68041

Contact: Jennifer Shimamoto Phone: 816/524-8811 Fax: 816/525-5027

Transporter: Kingston Environmental Phone: 816/524-8811 Fax: 816/525-5027

PHYSICAL CHARACTERISTICS AND DOCUMENTATION

Physical state: ☒ Solid ☐ Semi-solid ☐ Dusty ☐ Sludge ☐ Color: _____

Analytical results: ☒ TPH (PCS) ☒ Volatiles ☒ pH ☒ TCLP-Metals
☒ BTEX ☐ Pesticides ☒ PCB ☐ Other: _____

Sample source: ☐ Pile ☒ In-ground ☐ Pit bottom ☐ Other: _____
Sample Type ☒ Grab Sample ☐ Composite Sample

Additional information: ☐ MSDS ☐ Process knowledge ☐ Other: _____

NON-HAZARDOUS DETERMINATION

Under 40 CFR Part 261, is this a Listed or Characteristic waste? ☐ Yes ☒ No
Is waste classified as a state-only hazardous or dangerous waste? ☐ Yes ☒ No
Is waste covered or restricted from landfilling by any permit? ☐ Yes ☒ No
Basis for non-hazardous determination: low concentration levels

WASTE CERTIFICATION STATEMENT

I hereby certify that all information contained herein is true and correct, and the material described is properly identified, classified, packaged, labeled, and prepared as indicated. I certify this waste is not hazardous or dangerous as defined by the U.S. EPA, or the state or province of origin. I certify this waste does not contain any regulated radioactive materials. I certify that all samples used for this analysis are representative of the materials described herein. I will notify the company if there is a change in the composition of, or process generating this waste stream.

Virgil B. Teaford III
Name (print)

Authorized representative's signature

Environmental Specialist
Title

4-24-08
Date

Form EC1004200

REPRESENTATIVE SAMPLE CERTIFICATION

INSTRUCTIONS: This form must be completed in order to determine the acceptability of the waste described in the Special Waste Permit Application for disposal at a municipal solid waste landfill. Analytical data for certain wastes is required for an adequate assessment of waste composition and regulatory status. This form is used to certify that the analytical data presented was derived from testing a *representative* sample, which reflects the physical characteristics and chemical components in the same proportion as the *total* waste stream. A representative sample may be obtained using methods specified in federal (40 CFR Part 261, Appendix I) or state regulations.

SECTION A: DESCRIBE SAMPLING POINT OR LOCATION

☐ Pile ☒ In-ground ☐ Pit bottom ☐ Drum ☐ Other: _____

SECTION B: SAMPLING METHOD

☒ I have obtained a representative sample of the waste material described in the attached special waste permit application according to the sampling methods specified in 40 CFR Part 261.

☐ I have obtained a representative sample of the waste material described in the attached special waste permit application by an equivalent method.

SECTION C: REPRESENTATIVE DATA CERTIFICATION

Generators' name: USACE- Kansas City

Waste type: soil

Date sample collected: 4-15-2008

Samplers' name: Virgil B. Teaford III

Samplers' employer: Kingston Environmental

SECTION D: REPRESENTATIVE SAMPLE CERTIFICATION

I hereby certify that the analytical data presented was derived from testing a representative sample taken in accordance with one of the methods listed in Section A of this form.

Virgil B. Teaford III
Name

Authorized representative's signature

Environmental Specialist
Title

4-24-08
Date

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

April 18, 2008

Jennifer Shimamoto
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: MEAD NOP 07R760

WorkOrder: 08040606

Dear Jennifer Shimamoto:

TEKLAB, INC received 1 sample on 4/16/2008 8:15:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: MEAD NOP 07R760
LabOrder: 08040606
Report Date: 18-Apr-08

CASE NARRATIVE

Cooler Receipt Temp: 5.6 °C

State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08040606
Lab ID: 08040606-001
Report Date: 18-Apr-08

Client Project: MEAD NOP 07R760
Client Sample ID: PLA-001-FS-0408-G
Collection Date: 4/15/2008 9:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**> 200**	°F	1	4/16/2008	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Barium	NELAP	0.0500		**1.04**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Cadmium	NELAP	0.0200		**< 0.0200**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Chromium	NELAP	0.100		**< 0.100**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Lead	NELAP	0.400		**< 0.400**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	4/17/2008 2:08:33 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.010		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Cresols, Total	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachlorobenzene	NELAP	0.010		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachlorobutadiene	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachloroethane	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
m,p-Cresol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Nitrobenzene	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
o-Cresol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Pentachlorophenol	NELAP	0.200		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Pyridine	NELAP	0.200		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**77.2**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**72.6**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**49.4**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**72.1**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**31.4**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**76.5**	%REC	1	4/17/2008 12:00:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08040606
Lab ID: 08040606-001
Report Date: 18-Apr-08

Client Project: MEAD NOP 07R760
Client Sample ID: PLA-001-FS-0408-G
Collection Date: 4/15/2008 9:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.9**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: 4-Bromofluorobenzene		86-119		**99.0**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: Dibromofluoromethane		81.7-123		**94.8**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: Toluene-d8		84.3-114		**100.9**	%REC	50	4/18/2008 7:48:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020	J	**0.00013**	mg/L	1	4/17/2008	SRH
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1221	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1232	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1242	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1248	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1254	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1260	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Surr: Decachlorobiphenyl		5-156		**101.8**	%REC	1	4/17/2008 10:49:00 AM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**51.2**	%REC	1	4/17/2008 10:49:00 AM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.49		**< 0.49**	mg/Kg	1	4/16/2008	AET
SW-846 9023								
Extractable Organic Halogens (EOX)	NELAP	5.00		**< 5.00**	mg/Kg	1	4/17/2008	CSO
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.6		**< 9.6**	mg/Kg	1	4/16/2008	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**7.56**		1	4/16/2008 12:11:00 PM	NJK
SW-846 9065								
Phenols	NELAP	2.26	J	**1.3**	mg/Kg	1	4/16/2008	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	4/16/2008	NJK

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: MEAD NOP 07R760
Lab Order: 08040606
Report Date: 18-Apr-08

Carrier: FedEx

Received By: MLD

Completed by: Erika K. Starman
On: 16-Apr-08

Reviewed by: Marvin L. Darling
On: 16-Apr-08

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.6
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

Page: 1 of 1

QUOTE#

08040606

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	~~Antimony~~	K	
WO:		Project Number:	07R760	B	Landfill Special Waste Chart	L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:		Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:				H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:		Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	08040606
1	PLA-001-FS-0409-G		4-15-08	0920	9647 Liter	Soil	3		X														-001
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford

Shipment Method: FedEX

Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-15-08	Marvin L. Darling II	4/16/08 815				
Company: KES	Time:	Company: FEDEX	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: Rush Turn

Custody seal intact on cooler, mov and bottles.

RUSH

Standard turn	Other
Rush turn	Cooler Temp: 5.6 ICE

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

TRANSITE TILES AND ASSOCIATED SOIL
SPECIAL WASTE DISPOSAL REQUEST

SPECIAL WASTE PERMIT APPLICATION
BUTLER COUNTY LANDFILL INC.

3588 R Rd David City, NE 68632
Phone: (402) 367-4662 Fax: (402) 367-4079

DISPOSAL SITE: **BUTLER COUNTY LANDFILL INC. 2558 R ROAD DAVID CITY, NE 68632**

Generator name and address: USACE, 601 E. 12th Street, Kansas City, MO 64106

Billing name & address Kingston Environmental, 15450 Hangar Rd, Kansas City, MO 64147

Waste description: Soil contaminated with Antimony and friable asbestos

Quantity: 3 cuyd Frequency of disposal: ☒ One-time ☐ Monthly ☐ Other:_____

Process generating waste: Excavation

Waste address ***(include county & zip code)***: PLA (potential landfill area), Mead NOP OU3, Saunders County NE 68041

Contact: Jennifer Shimamoto Phone: 816/524-8811 Fax: 816/525-5027

Transporter: Kingston Environmental Phone: 816/524-8811 Fax: 816/525-5027

PHYSICAL CHARACTERISTICS AND DOCUMENTATION

Physical state: ☒ Solid ☐ Semi-solid ☐ Dusty ☐ Sludge ☐ Color: _____

Analytical results: ☒ TPH (PCS) ☒ Volatiles ☒ pH ☒ TCLP-Metals
☒ BTEX ☐ Pesticides ☒ PCB ☐ Other: _____

Sample source: ☐ Pile ☒ In-ground ☐ Pit bottom ☐ Other: _____
Sample Type ☒ Grab Sample ☐ Composite Sample

Additional information: ☐ MSDS ☐ Process knowledge ☐ Other: _____

NON-HAZARDOUS DETERMINATION

Under 40 CFR Part 261, is this a Listed or Characteristic waste? ☐ Yes ☒ No
Is waste classified as a state-only hazardous or dangerous waste? ☐ Yes ☒ No
Is waste covered or restricted from landfilling by any permit? ☐ Yes ☒ No
Basis for non-hazardous determination: low concentration levels

WASTE CERTIFICATION STATEMENT

I hereby certify that all information contained herein is true and correct, and the material described is properly identified, classified, packaged, labeled, and prepared as indicated. I certify this waste is not hazardous or dangerous as defined by the U.S. EPA, or the state or province of origin. I certify this waste does not contain any regulated radioactive materials. I certify that all samples used for this analysis are representative of the materials described herein. I will notify the company if there is a change in the composition of, or process generating this waste stream.

Virgil B. Teaford III
Name (print)

Authorized representative's signature

Environmental Specialist
Title

4-24-08
Date

Form EC1004200

REPRESENTATIVE SAMPLE CERTIFICATION

INSTRUCTIONS: This form must be completed in order to determine the acceptability of the waste described in the Special Waste Permit Application for disposal at a municipal solid waste landfill. Analytical data for certain wastes is required for an adequate assessment of waste composition and regulatory status. This form is used to certify that the analytical data presented was derived from testing a *representative* sample, which reflects the physical characteristics and chemical components in the same proportion as the *total* waste stream. A representative sample may be obtained using methods specified in federal (40 CFR Part 261, Appendix I) or state regulations.

SECTION A: DESCRIBE SAMPLING POINT OR LOCATION

☐ Pile ☒ In-ground ☐ Pit bottom ☐ Drum ☐ Other: _____

SECTION B: SAMPLING METHOD

☒ I have obtained a representative sample of the waste material described in the attached special waste permit application according to the sampling methods specified in 40 CFR Part 261.

☐ I have obtained a representative sample of the waste material described in the attached special waste permit application by an equivalent method.

SECTION C: REPRESENTATIVE DATA CERTIFICATION

Generators' name: USACE- Kansas City

Waste type: soil

Date sample collected: 4-15-2008

Samplers' name: Virgil B. Teaford III

Samplers' employer: Kingston Environmental

SECTION D: REPRESENTATIVE SAMPLE CERTIFICATION

I hereby certify that the analytical data presented was derived from testing a representative sample taken in accordance with one of the methods listed in Section A of this form.

Virgil B. Teaford III — *Name*

Authorized representative's signature

Environmental Specialist — *Title*

4-24-08 — *Date*

KINGSTON ENVIRONMENTAL COMPANIES
KINGSTON ENVIRONMENTAL LABORATORY
15450 Hangar Rd., Kansas City, MO 64147
(816) 524-8811 fax (816) 525-5027

POLARIZED LIGHT MICROSCOPY REPORT

Analysis Method: Interim (40 CFR Part 763 Appendix E)/ Improved (EPA-600/R-93/116)
Sample Preparation Method: Chemical reduction for organically bound components, RI determined by dispersion staining method.

Client Information:	Report Date	KEL Project No.	07R760
USACE	4/17/08	Client Project Name:	Nebraska Ordinance Plant
601 E. 12th Street	**Date Sampled**	Client Project Address:	Mead, NE
Kansas City, MO 64106	4/15/08		
Phone #	**Date Received**	# of Samples Received:	3
Fax #	4/17/08	Turn-around Time:	ASAP
Attn: Kirk Baer			

Sample #	Layer #	Physical Description of Subsample	Homo-genous (Y/N)	Asbestos Type/ Visual Estimate %	Non-Asbestos Fiber Type %	Non-Fibrous Type %
1	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous
2	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous
3	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous

NVLAP LAB CODE 200041-0
END OF REPORT

Georgi Popov
Analyst

Dr. G. Popov
Lab. Director

Notes:
Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detected by PLM. TEM analysis of bulk material is recommended in this case. All asbestos percentages are based on visual estimate technique. The results relate only to the items tested. KEL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for bulk asbestos fiber analysis (PLM). All bulk materials submitted to KEL will be held in storage for a period of 60 days and after that discarded by approved methods.
This report cannot be reproduced without written permission by KEL. This report must not be used by the client to claim a product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
Analysis performed at Kingston Environmental Laboratory (KEL) 15411 Hangar Rd., Building 927, Kansas City, MO 64147

Form B-9

STOP WORK INSPECTION DOCUMENTATION FORM

Date: 4-16-08 **Project Name:** MEAD NOP

Project No.: 07R760 **Room/Area Name** Potential Landfill Area

Item Number	TYPE OF MATERIAL	QUANTITY	CONDIDTION ASSESSMENT	Date Observed	Initial of Sign Off
	TRANSITE DEBRIS + SOIL	72 CF	DAMAGED	4/16/08	WCB

☐ **OTHER** TRANSITE IS MIXED IN WITH SOIL, SMALL ACTUAL AMOUNT.

This list has been complied with and submitted to the building owner.
Reference to General Conditions of the Contract for Construction, Article 3.15.

ATC Associates Inc.

Signature, Authorized Representative

Contractor/Supervisor

Signature, Authorized Representative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

April 18, 2008

Jennifer Shimamoto
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: MEAD NOP 07R760

WorkOrder: 08040606

Dear Jennifer Shimamoto:

TEKLAB, INC received 1 sample on 4/16/2008 8:15:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: MEAD NOP 07R760
LabOrder: 08040606
Report Date: 18-Apr-08

CASE NARRATIVE

Cooler Receipt Temp: 5.6 °C

State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08040606
Lab ID: 08040606-001
Report Date: 18-Apr-08

Client Project: MEAD NOP 07R760
Client Sample ID: PLA-001-FS-0408-G
Collection Date: 4/15/2008 9:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**> 200**	°F	1	4/16/2008	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Barium	NELAP	0.0500		**1.04**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Cadmium	NELAP	0.0200		**< 0.0200**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Chromium	NELAP	0.100		**< 0.100**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Lead	NELAP	0.400		**< 0.400**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	4/17/2008 2:08:33 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	4/17/2008 2:08:33 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.010		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Cresols, Total	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachlorobenzene	NELAP	0.010		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachlorobutadiene	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Hexachloroethane	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
m,p-Cresol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Nitrobenzene	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
o-Cresol	NELAP	0.100		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Pentachlorophenol	NELAP	0.200		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Pyridine	NELAP	0.200		**ND**	mg/L	1	4/17/2008 12:00:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**77.2**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**72.6**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**49.4**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**72.1**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**31.4**	%REC	1	4/17/2008 12:00:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**76.5**	%REC	1	4/17/2008 12:00:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08040606
Lab ID: 08040606-001
Report Date: 18-Apr-08

Client Project: MEAD NOP 07R760
Client Sample ID: PLA-001-FS-0408-G
Collection Date: 4/15/2008 9:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	4/18/2008 7:48:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.9**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: 4-Bromofluorobenzene		86-119		**99.0**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: Dibromofluoromethane		81.7-123		**94.8**	%REC	50	4/18/2008 7:48:00 AM	TAL
Surr: Toluene-d8		84.3-114		**100.9**	%REC	50	4/18/2008 7:48:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020	J	**0.00013**	mg/L	1	4/17/2008	SRH
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1221	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1232	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1242	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1248	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1254	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Aroclor 1260	NELAP	36.6		**ND**	µg/Kg	1	4/17/2008 10:49:00 AM	HE
Surr: Decachlorobiphenyl		5-156		**101.8**	%REC	1	4/17/2008 10:49:00 AM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**51.2**	%REC	1	4/17/2008 10:49:00 AM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.49		**< 0.49**	mg/Kg	1	4/16/2008	AET
SW-846 9023								
Extractable Organic Halogens (EOX)	NELAP	5.00		**< 5.00**	mg/Kg	1	4/17/2008	CSO
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.6		**< 9.6**	mg/Kg	1	4/16/2008	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**7.56**		1	4/16/2008 12:11:00 PM	NJK
SW-846 9065								
Phenols	NELAP	2.26	J	**1.3**	mg/Kg	1	4/16/2008	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	4/16/2008	NJK

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: MEAD NOP 07R760
Lab Order: 08040606
Report Date: 18-Apr-08

Carrier: FedEx

Received By: MLD

Completed by: Erika K. Starman
On: 16-Apr-08

Reviewed by: Marvin L. Darling
On: 16-Apr-08

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.6
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Page: 1 of 1

08040606

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	~~Antimony~~	K	
WO:		Project Number:	07R760	B	Landfill Special Waste Char	L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:		Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:				H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:		Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	08040606
1	PLA-001-FS-0408-G		4-15-08	0920	9633 Liter	Soil	3		X														-001
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford

Shipment Method: FedEX

Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-15-08	Marvin L. Darling II	4/16/08 815				
Company: KES	Time:	Company: FedEX	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: Rush Turn

Custody seal intact on cooler, most and bottles.

RUSH

Standard turn

Rush turn

Other

Cooler Temp: 5.6 ICE

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003

Fax: 618.344.1005

SPECIAL WASTE DISPOSAL APPROVALS

WASTE CONNECTIONS, INC.

FACSIMILE TRANSMITTAL SHEET

To:	Kelly Danielson	From:	Donna J. Pentecost, CHMM
Company:	WCI	Date:	December 13, 2007
Fax Number	402.367.4079	Total Pages:	1
cc:	Butler County Landfill	Fax Number:	402.367.4079

SPECIAL WASTE APPROVAL

Generator: USACE – MEAD NOP Load Line 2/Load Line 4

Customer: Kingston Environmental

Disposal Facility: Butler County Landfill

Approval Number: BCL-07-050 Approval Date: December 13, 2007

Expiration Date: February 13, 2008 Note: Disposal frequency is one-time.

Waste Types/Instructions:

Soil Contaminated with Antimony

Basis for non-hazardous determination is BTEX, TPH, pH, PCB, TCLP-Metals, TCLP-VOC/SVOC, Reactivity, and Flash.

Anticipated volume is approximately 1,000 cubic yards.

Approval By: Donna J. Pentecost

Review and approval of waste for use as Alternative Daily Cover is based upon a submitted documentation from generator/customer. Approval is granted subject to the enforcement of the following conditions:

1. Loads may be randomly inspected upon receipt at the landfill to conform to Alternative Daily Cover application.
2. This material must be properly contained, bagged, or tarped prior to and during shipment and disposal.
3. The customer must contact the respective landfill to schedule the waste shipment prior to disposal.

DONNA J. PENTECOST, CHMM – ENVIRONMENTAL COMPLIANCE SUPERVISOR
PHONE: 248.547.5649 / FAX: 248.547.8561

WASTE CONNECTIONS, INC.

FACSIMILE TRANSMITTAL SHEET

To:	Kelly Danielson	From:	Donna J. Pentecost, CHMM
Company:	WCI	Date:	January 4, 2008 December 13, 2007
Fax Number	402.367.4079	Total Pages:	1
cc:	Butler County Landfill	Fax Number:	402.367.4079

SPECIAL WASTE APPROVAL

Generator: USACE – MEAD NOP Load Line 2/Load Line 4

Customer: Kingston Environmental

Disposal Facility: Butler County Landfill

Approval Number: BCL-07-050 Approval Date: December 13, 2007; January 4, 2008

Expiration Date: February 13, 2008 Note: Disposal frequency is one-time.
June 30, 2008

Waste Types/Instructions:

Soil Contaminated with Antimony

Basis for non-hazardous determination is BTEX, TPH, pH, PCB, TCLP-Metals, TCLP-VOC/SVOC, Reactivity, and Flash.

Anticipated volume is approximately 1,000 cubic yards.

Approval By: Donna J. Pentecost

Review and approval of waste for use as Alternative Daily Cover is based upon a submitted documentation from generator/customer. Approval is granted subject to the enforcement of the following conditions:

1. Loads may be randomly inspected upon receipt at the landfill to conform to Alternative Daily Cover application.
2. This material must be properly contained, bagged, or tarped prior to and during shipment and disposal.
3. The customer must contact the respective landfill to schedule the waste shipment prior to disposal.

DONNA J. PENTECOST, CHMM – ENVIRONMENTAL COMPLIANCE SUPERVISOR
PHONE: 248.547. 5649 / FAX: 248.547.8561

WASTE CONNECTIONS, INC.

FACSIMILE TRANSMITTAL SHEET

To:	Kelly Danielson	From:	Donna J. Pentecost, CHMM
Company:	WCI	Date:	April 24, 2008
Fax Number	402.367.4079	Total Pages:	1
cc:	Butler County Landfill	Fax Number:	402.367.4079

SPECIAL WASTE APPROVAL

Generator: USACE/PLA Mead NOP OU3

Customer: Kingston Environmental

Disposal Facility: Butler County Landfill

Approval Number: BCL-08-022 Approval Date: April 24, 2008

Expiration Date: June 24, 2008 Note: Disposal frequency is one-time.

Waste Types/Instructions:

Soil Contaminated with Antimony and FACM (Damaged Transite Debris).

Basis for non-hazardous determination is Process Knowledge, Full TCLP, PCB, and RCI Analysis.

Anticipated volume is approximately 3 cubic yards.

All asbestos contractors, transporters, and disposal facilities must comply with the federal asbestos regulations found in 40 CFR Part 61 Subpart M. The Nebraska Department of Environmental Quality has adopted the NESHAP regulations in Title 129 – Nebraska Air Quality Regulations, and incorporated the following: a.) All asbestos containing waste covered under the standards for manufacturing, demolition and renovation, spraying, and fabricating shall be maintained in an adequate wetted state until disposed of by acceptable methods, and b.) All asbestos-containing waste bags shall be transparent so that the asbestos-containing material is visible after packaging. Effective Date is July 10, 2002.

Approval By: Donna J Pentecost

Review and approval of waste for use as Alternative Daily Cover is based upon a submitted documentation from generator/customer. Approval is granted subject to the enforcement of the following conditions:

1. Loads may be randomly inspected upon receipt at the landfill to conform to Alternative Daily Cover application.
2. This material must be properly contained, bagged, or tarped prior to and during shipment and disposal.
3. The customer must contact the respective landfill to schedule the waste shipment prior to disposal.

DONNA J. PENTECOST, CHMM – ENVIRONMENTAL COMPLIANCE SUPERVISOR
PHONE: 248.547. 5649 / FAX: 248.547.8561

WASTE CONNECTIONS, INC.

FACSIMILE TRANSMITTAL SHEET

To:	Kelly Danielson	From:	Donna J. Pentecost, CHMM
Company:	WCI	Date:	April 24, 2008
Fax Number	402.367.4079	Total Pages:	1
cc:	Butler County Landfill	Fax Number:	402.367.4079

SPECIAL WASTE APPROVAL

Generator: USACE/PLA Mead NOP OU3

Customer: Kingston Environmental

Disposal Facility: Butler County Landfill

Approval Number: BCL-08-023 Approval Date: April 24, 2008

Expiration Date: June 24, 2008 Note: Disposal frequency is one-time.

Waste Types/Instructions:

Soil Contaminated with Antimony.

Basis for non-hazardous determination is Process Knowledge, Full TCLP, PCB, and RCI Analysis.

Anticipated volume is approximately 700 cubic yards.

Approval By: Donna J. Pentecost

Review and approval of waste for use as Alternative Daily Cover is based upon a submitted documentation from generator/customer. Approval is granted subject to the enforcement of the following conditions:

1. Loads may be randomly inspected upon receipt at the landfill to conform to Alternative Daily Cover application.
2. This material must be properly contained, bagged, or tarped prior to and during shipment and disposal.
3. The customer must contact the respective landfill to schedule the waste shipment prior to disposal.

DONNA J. PENTECOST, CHMM – ENVIRONMENTAL COMPLIANCE SUPERVISOR
PHONE: 248.547.5649 / FAX: 248.547.8561

APPENDIX C – BACKFILL/TOPSOIL ANALYTICAL AND GEOTECHNICAL RESULTS

Table C-1
Backfill Soil Sample Analytical Results Summary

Analyses	Result	NDEQ VCP Residential RG (2006)	EPA Region 6 Residential MSSL (2008)	Former NOP Background Screening Level (URS 2000)
SW-846 3050B, 6010B, Metals by ICP (mg/Kg)				
Aluminum	16400	19000	77000	33900
Antimony	<4.72	7.8	31	-
Arsenic	4.57	0.39	0.39	13.5
Barium	287	1400	16000	440
Beryllium	0.84	3.9	160	1.52
Cadmium	0.54	9.3	39	0.4
Calcium	11600	-	-	6090
Chromium	18.2	34	210	37
Cobalt	9.15	370	900	17.2
Copper	12.6	780	2900	33.9
Iron	21400	5900	55000	36300
Lead	12.5	400	400	29
Magnesium	8180	-	-	6700
Manganese	197	460	3500	1080
Nickel	22.2	390	1600	39.3
Potassium	2890	-	-	5480
Selenium	2.7	98	390	1.32
Silver	<0.94	98	390	-
Sodium	184 B	-	-	-
Thallium	5.23	1.3	5.5	0.86
Vanadium	35.7	180	390	72.5
Zinc	62.4	5900	23000	120
SW-846 3050B, Metals by GFAA (total) (mg/Kg)				
Antimony	0.48	7.8	31	-
SW-846 7471A (mg/Kg)				
Mercury	0.03	5.9	23	-
SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD (µg/Kg)				
All Nondetect			-	-
SW-846 3550B, 8082, Polychlorinated Biphenyls (PCBs) by GC/ECD (µg/Kg)				
All Nondetect			-	-
SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS (mg/Kg)				
All Nondetect			-	-
SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS (µg/Kg)				
All Nondetect			-	-

EPA 2008 - United States Environmental Protection Agency, Region 6, *Human Health Medium-Specific Screening Levels* , March.

NDEQ 2006 - Nebraska Department of Environmental Quality, *Nebraska Voluntary Cleanup Guidance* , August 2006.

URS 2000 - URS Greiner Woodward Clyde, *Revised Baseline Risk Assessment* , February.

Notes: The only detected constituents in the proposed backfill soil were metals, which indicates that the soil is from an unimpacted source. While arsenic exceeded its RG and MSSL, it was detected at a concentration well below the background screening value for the former NOP. Thallium and iron also each exceeded their RG but were below their MSSLs, and iron was below the background screening value for the former NOP.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

November 21, 2007

Brad Teaford
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: Mead NOP 07R760

WorkOrder: 07110336

Dear Brad Teaford:

TEKLAB, INC received 4 samples on 11/10/2007 9:23:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
LabOrder: 07110336
Report Date: 21-Nov-07

CASE NARRATIVE

Cooler Receipt Temp: 4.2 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor
RL - Reporting Limit
ND - Not Detected at the Reporting Limit
Surr - Surrogate Standard added by lab
TNTC - Too numerous to count (> 200 CFU)
Q - QC criteria failed or noncompliant CCV
NELAP - IL ELAP and NELAP Accredited Field of Testing

B - Analyte detected in the associated Method Blank
J - Analyte detected below reporting limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
X - Value exceeds Maximum Contaminant Level
- Unknown hydrocarbon
IDPH - IL Dept. of Public Health

C - Client requested RL below
D - Diluted out of sample
E - Value above quantitation range
H - Holding time exceeded
MI - Matrix interference
DNI - Did not ignite

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Waste Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 9:35:46 PM	LAL
Barium	NELAP	0.0500		**1.41**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Cadmium	NELAP	0.0200		**0.0300**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Chromium	NELAP	0.100		**0.135**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Lead	NELAP	0.400		**1.01**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 9:35:46 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Cresols, Total	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobutadiene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachloroethane	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
m,p-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Nitrobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
o-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pentachlorophenol	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pyridine	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**82.7**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**75.2**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**46.4**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**71.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**33.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**75.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**101.0**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**102.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**100.9**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Toluene-d8		84.6-115		**98.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1221	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1232	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1242	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1248	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1254	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1260	NELAP	36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Polychlorinated Biphenyls (Total)		36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**56.0**	%REC	1	11/13/2007 2:33:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.7**	%REC	1	11/13/2007 2:33:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.47	J	**0.28**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**< 100**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**7.25**		1	11/12/2007 8:50:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.413		**2.54**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

Waste Sample

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 10:01:15 PM	LAL
Barium	NELAP	0.0500		**0.576**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Cadmium	NELAP	0.0200		**< 0.0200**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Chromium	NELAP	0.100		**< 0.100**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Lead	NELAP	0.400		**0.661**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 10:01:15 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Cresols, Total	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobutadiene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachloroethane	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
m,p-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Nitrobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
o-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pentachlorophenol	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pyridine	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**85.1**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**74.9**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**42.0**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**70.4**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**30.3**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**79.5**	%REC	1	11/13/2007 5:25:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL

Waste Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**99.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**97.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**104.6**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Toluene-d8		84.6-115		**97.1**	%REC	50	11/14/2007 1:39:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020	J	**0.00007**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1221	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1232	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1242	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1248	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1254	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1260	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Polychlorinated Biphenyls (Total)		37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**85.7**	%REC	1	11/13/2007 2:50:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.4**	%REC	1	11/13/2007 2:50:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.46	J	**0.26**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**147**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**6.16**		1	11/12/2007 8:52:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.439		**1.29**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

waste sample

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**17.5**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**82.5**	%	1	11/13/2007	JPK
SW-846 3050B, 6010B, METALS BY ICP								
Aluminum	NELAP	4.72		**16400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Antimony	NELAP	4.72		**< 4.72**	mg/Kg-dry	1	11/13/2007 4:47:19 PM	LAL
Arsenic	NELAP	2.36		**4.57**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Barium	NELAP	0.47		**287**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Beryllium	NELAP	0.09		**0.84**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cadmium	NELAP	0.19		**0.54**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Calcium	NELAP	4.72		**11600**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Chromium	NELAP	0.94		**18.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cobalt	NELAP	0.94		**9.15**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Copper	NELAP	0.94		**12.6**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Iron	NELAP	1.89		**21400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Lead	NELAP	3.77		**12.5**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Magnesium	NELAP	0.94		**8180**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Manganese	NELAP	0.47		**197**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Nickel	NELAP	0.94		**22.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Potassium	NELAP	9.43		**2890**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Selenium	NELAP	3.77	J	**2.7**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Silver	NELAP	0.94		**< 0.94**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Sodium	NELAP	4.72	B	**184**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Thallium	NELAP	4.72		**5.23**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Vanadium	NELAP	0.94		**35.7**	mg/Kg-dry	1	11/14/2007 4:20:46 PM	LAL
Zinc	NELAP	0.94		**62.4**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
4,4´-DDD	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4´-DDE	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4´-DDT	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Aldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-Chlordane	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
beta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Chlordane	NELAP	4.04		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
delta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Dieldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan I	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
Endosulfan II	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan sulfate	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin aldehyde	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin ketone	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-Chlordane		2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor epoxide	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Methoxychlor	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Toxaphene	NELAP	36.3		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Surr: Decachlorobiphenyl		48-149		**96.8**	%REC	1	11/13/2007 10:23:00 PM	HE
Surr: Tetrachloro-m-xylene		19-145		**76.1**	%REC	1	11/13/2007 10:23:00 PM	HE
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1221	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1232	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1242	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1248	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1254	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1260	NELAP	45.3		**ND**	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**77.1**	%REC	1	11/13/2007 3:07:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**55.1**	%REC	1	11/13/2007 3:07:00 PM	HE
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,3-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,4-Dichlorobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,5-Trichlorophenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dichlorophenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dimethylphenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrophenol	NELAP	1.18		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,6-Dinitrotoluene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chloronaphthalene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chlorophenol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Methoxy-4-methylphenol		0.764		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3,3´-Dichlorobenzidine	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Bromophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloro-3-methylphenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chlorophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Aniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Azobenzene		0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzidine	NELAP	1.24		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)pyrene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzyl alcohol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethoxy)methane	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethyl)ether	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroisopropyl)ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-ethylhexyl)phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Butyl benzyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Carbazole		0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Chrysene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzofuran	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Diethyl phthalate	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dimethyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-butyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-octyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Fluoranthene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Fluorene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobenzene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobutadiene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorocyclopentadiene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachloroethane	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Isophorone	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
m,p-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Naphthalene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Nitrobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodimethylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitroso-di-n-propylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodiphenylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
o-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pentachlorophenol	NELAP	2.35		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenanthrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyrene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyridine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Diphenylhydrazine		0.987		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Surr: 2,4,6-Tribromophenol		32.7-130		**68.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorobiphenyl		34.1-116		**51.5**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorophenol		30.5-99		**54.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Nitrobenzene-d5		34.1-101		**56.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Phenol-d5		34.9-110		**59.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: p-Terphenyl-d14		41.7-124		**65.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
SW-846 7471A								
Mercury	NELAP	0.012		**0.030**	mg/Kg-dry	1	11/14/2007	MEK

Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

Na - Sample result was more than 10 times the blank contamination. Data is reportable.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**18.9**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**81.1**	%	1	11/13/2007	JPK
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloro-2-propanone		59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloropropene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichloropropane	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trimethylbenzene		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromoethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1-Chlorobutane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Butanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Hexanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Nitropropane	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Methyl-2-pentanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acetone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrolein	NELAP	118		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrylonitrile	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Allyl chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Benzene	NELAP	1.18		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromodichloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromoform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon disulfide	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon tetrachloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chlorobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.73		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Cyclohexanone		118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromomethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dichlorodifluoromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl acetate	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl ether	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Heptane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachlorobutadiene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachloroethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Iodomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Isopropylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
m,p-Xylenes	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methacrylonitrile	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl Methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.37		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylacrylate		11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylene chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Naphthalene	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
n-Butylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Nitrobenzene	NELAP	118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Propylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
o-Xylene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Pentachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
p-Isopropyltoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Propionitrile	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
sec-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Styrene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
tert-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrachloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrahydrofuran	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Toluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	4.73		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichlorofluoromethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl acetate	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl chloride	NELAP	2.37		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		65.5-125		**102.7**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: 4-Bromofluorobenzene		75.8-120		**95.9**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Dibromofluoromethane		72.8-122		**107.0**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Toluene-d8		85-115		**96.3**	%REC	1	11/13/2007 3:22:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 07110336
Report Date: 21-Nov-07

Carrier: FedEx

Received By: EAH

Completed by: Marvin L. Darling II
On: 12-Nov-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 12-Nov-07
Elizabeth A. Hurley

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.2
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐		

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Page: 1 of 1

07110336

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	Mead NOP	A	Landfill Special Wastes	K	
WO:		Project Number:	07R760	B	TCL SVOC SW846 Meth 8270 C		
Company:	Kingston Environmental	Bill To:		C	TCL VOC SW846 Meth 8260	M	
Report to:	Brad Teaford	Invoice ATTN:		D	TCL Pesticides SW-846	N	
Address:	15460 Hangar Road	Address:		E	PCBs method 8081A	O	
	Kansas City, KS 64147			F	TAL Metals SW846 Meth 6010B and 7000 series	P	
				G		Q	
E-mail:	bradt@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816.525.6027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	07110336
1	LL2-001-FS-1107-G	Unpreserved	11-08-07	1250	grab	Soil	1	X															-001
2	LL4-001-FS-1107-G	Unpreserved	11-08-07	1200	grab	Soil	1	X															-002
3	BS1-001-FS-1107-C	Unpreserved	11-08-07	1:50	composite	Soil	3		X	X	X	X	X										-003
4	BS1-001-FS-1107-G		11-08-07	1:50	grab	Soil	1			X													-004
5																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford | Shipment Method: Fed ex | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	11-09-07	[signature]	11/9/07	[signature]	11/9/07	Elizabeth A Hurley	11/10/07
Company: KES	Time: 940	Company:	Time: 940	Company:	Time: 1500	Company:	Time: 0923
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: The VOC sample for BS1-001-FS-1107 was taken as a grab from one of the 4 Aliquots used in the composite

Standard turn | Other ICED

Rush turn | Cooler Temp: 4.2°C

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Phone: 877.344.1003 Fax: 618.344.1005

Project Manager: Shelly Hennessy

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 19, 2007

Brad Teaford
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: Mead NOP 07R760

WorkOrder: 07120352

Dear Brad Teaford:

TEKLAB, INC received 1 sample on 11/10/2007 9:23:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
LabOrder: 07120352
Report Date: 19-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

This report contains additional analysis from work order 07110336 requested by Brad Teaford on December 12, 2007.

Qualifiers

DF - Dilution Factor
RL - Reporting Limit
ND - Not Detected at the Reporting Limit
Surr - Surrogate Standard added by lab
TNTC - Too numerous to count (> 200 CFU)
Q - QC criteria failed or noncompliant CCV
NELAP - IL ELAP and NELAP Accredited Field of Testing
B - Analyte detected in the associated Method Blank
J - Analyte detected below reporting limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
X - Value exceeds Maximum Contaminant Level
- Unknown hydrocarbon
IDPH - IL Dept. of Public Health
C - Client requested RL below
D - Diluted out of sample
E - Value above quantitation range
H - Holding time exceeded
MI - Matrix interference
DNI - Did not ignite

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07120352
Lab ID: 07120352-001
Report Date: 19-Dec-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses		Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, METALS BY GFAA (TOTAL)									
Antimony	7041	NELAP	0.46		**0.48**	mg/Kg-dry	1	12/18/2007	SRH

Sample Narrative

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTEN

07110336

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	Mead NOP	A	Landfill Special Wastes	K	
WO:		Project Number:	07R760	B	TCL SVOC SW846 Meth 8270C		
Company:	Kingston Environmental	Bill To:		C	TCL VOC SW846 Meth 8260	B	
Report to:	Brad Teaford	Invoice ATTN:		D	TCL Pesticides SW-846	N	
Address:	15450 Hangar Road	Address:		E	PCBs method 8081A	O	
	Kansas City, KS 64147			F	TAL Metals SW846 meth 6010B and 7000 series	P	
				G		D	
E-mail:	bradt@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816.525.5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	07110336
1	LL2-001-FS-1107-G	Unpreserved	11-08-07	1250	grab	Soil	1	X															-001
2	LL4-001-FS-1107-G	Unpreserved	11-08-07	1200	grab	Soil	1	X															-002
3	BS1-001-FS-1107-C	Unpreserved	11-08-07	1:50	composite	Soil	#3		X	X	X	X	X										-003
4	BS1-001-FS-1107-G		11-08-07	1:50	grab	Soil	1			X													-004
5																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford	Shipment Method: Fed ex	Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	11-09-07	[signature]	11/9/07	[signature]	11/9/07	Elizabeth Cthurley	11/10/07
Company: KES	Time: 940	Company:	Time: 940	Company:	Time: 1500	Company:	Time: 0923
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:	The VOC sample for BS1-001-FS-1107 was taken as a grab from one of the 4 Aliquots used in the composite	Standard turn	Other ICED
		Rushturn	Cooler Temp: 4.2°C

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Phone: 877.344.1003 Fax: 618.344.1005

Project Manager: Shelly Hennessy

→ Dan / Jennifer

GSI Geotechnical Services, Inc.

Letter of Transmittal

7050 South 110th Street, Omaha, Nebraska 68128-5716
Phone #(402) 339-6104/FAX #(402) 339-6297

TO: Kingston Environmental Services
15450 Hangar Road
Kansas City, MO 64147

DATE: 12/20/07	**GSI JOB #071230**
ATTENTION: Brad Teaford	
RE: Mead NOP Site	
Mead, Nebraska	

WE ARE SENDING YOU: ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Report ☐ Test Results ☐ Letter ☐ Samples
☐ Specifications ☐ Plans ☐ Purchase Order ☒ See Description

COPIES	DESCRIPTION29
1	Grain size analysis for proposed topsoil material
1	Grain size analysis for proposed fill soil
1	Standard Proctor for proposed fill soil

THESE ARE TRANSMITTED as checked below:

☐ For approval
☒ For your use
☒ As requested
☐ For review and comment
☐ cc:

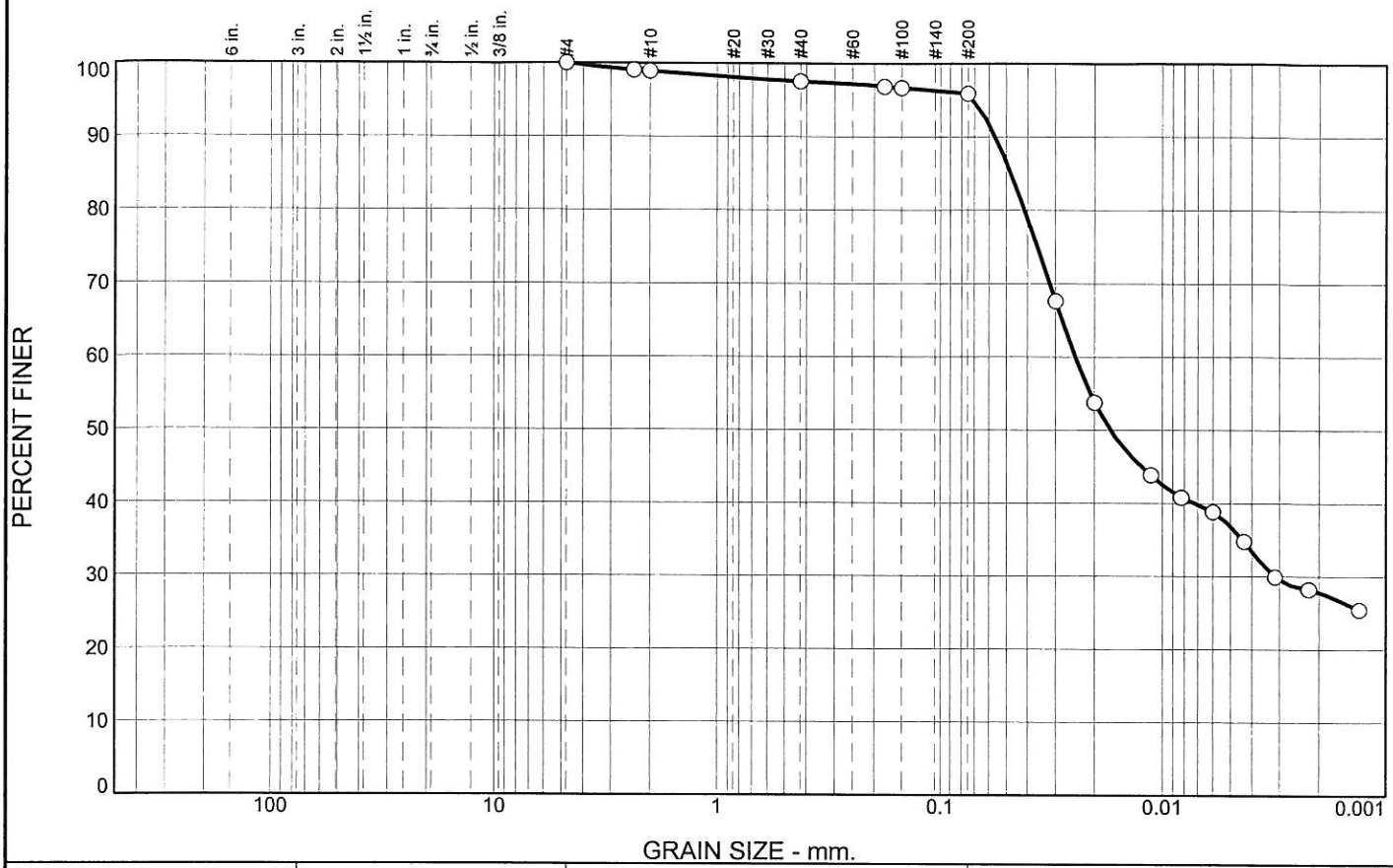
RECEIVED
DEC 26 2007

REMARKS:

Copy to: File

Joel A. Hahm, P.E.
Senior Engineer

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	1.1	1.4	1.6	59.0	36.9

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#8	99.1		
#10	98.9		
#40	97.5		
#80	96.9		
#100	96.7		
#200	95.9		
0.0299 mm.	67.6		
0.0200 mm.	53.8		
0.0112 mm.	43.9		
0.0083 mm.	40.8		
0.0060 mm.	38.8		
0.0043 mm.	34.8		
0.0031 mm.	29.9		
0.0022 mm.	28.2		
0.0013 mm.	25.4		

* (no specification provided)

Soil Description

Dark brown Silty Clay

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 0.0477 D_{60}= 0.0243 D_{50}= 0.0170
D_{30}= 0.0032 D_{15}= D_{10}=
C_u= C_c=

Classification

USCS= CL AASHTO=

Remarks

Proposed topsoil material.

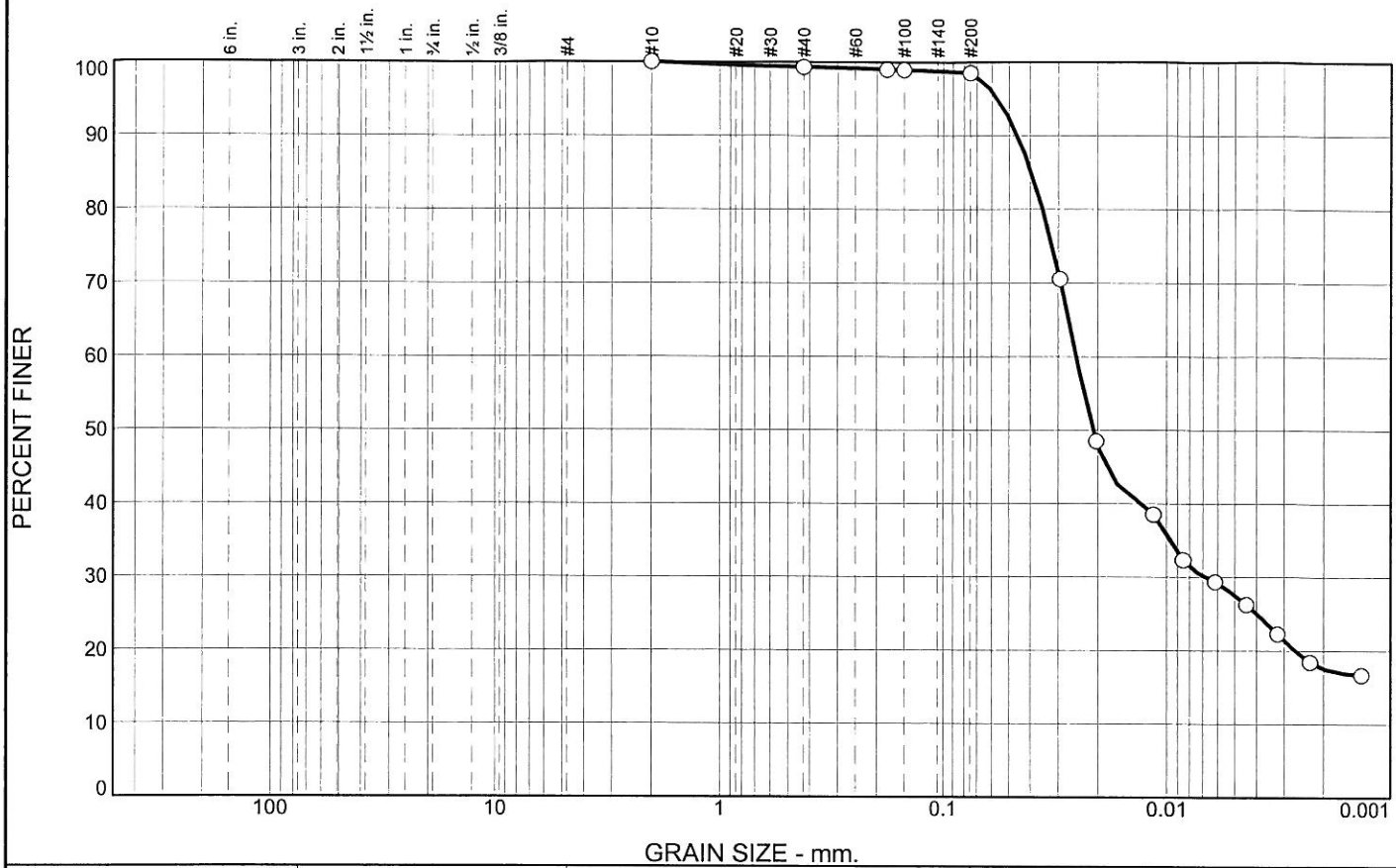
Sample No.: L-1142 **Source of Sample:** Off Site Borrow **Date:** 11/12/07
Location: **Elev./Depth:**

GSI Geotechnical Services, Inc.
7050 South 110th Street, Omaha, NE 68128
(402) 339-6104 Fax (402) 339-6297

Client: Kingston Environmental Services, Inc.
Project: Former Mead NOP Site
Mead, Nebraska
Project No: 071230 **Figure**

Tested By: G. Katawara **Checked By:** J. Hahm

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.7	0.8	71.0	27.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#40	99.3		
#80	99.0		
#100	99.0		
#200	98.5		
0.0295 mm.	70.5		
0.0203 mm.	48.5		
0.0114 mm.	38.5		
0.0085 mm.	32.4		
0.0062 mm.	29.4		
0.0045 mm.	26.3		
0.0032 mm.	22.3		
0.0023 mm.	18.4		
0.0014 mm.	16.7		

* (no specification provided)

Soil Description

Yellowish brown and brownish gray Silty Clay

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 0.0396 D_{60}= 0.0250 D_{50}= 0.0210
D_{30}= 0.0068 D_{15}= D_{10}=
C_u= C_c=

Classification

USCS= CL AASHTO=

Remarks

Proposed fill soil. Maximum dry density = 103.8pcf and optimum moisture = 18.9% per ASTM D698. Grain size tested per ASTM D422.

Sample No.: L-1143 **Source of Sample:** Off Site Borrow **Date:** 11/12/07
Location: **Elev./Depth:**

GSI Geotechnical Services, Inc.
7050 South 110th Street, Omaha, NE 68128
(402) 339-6104 Fax (402) 339-6297

Client: Kingston Environmental Services, Inc.
Project: Former Mead NOP Site
Mead, Nebraska
Project No: 071230 **Figure**

Tested By: G. Katawara **Checked By:** J. Hahm

MOISTURE-DENSITY RELATIONSHIP

Sample Received Date: 11/8/2007

Sampled at: Off site borrow.
Sample submitted by client.

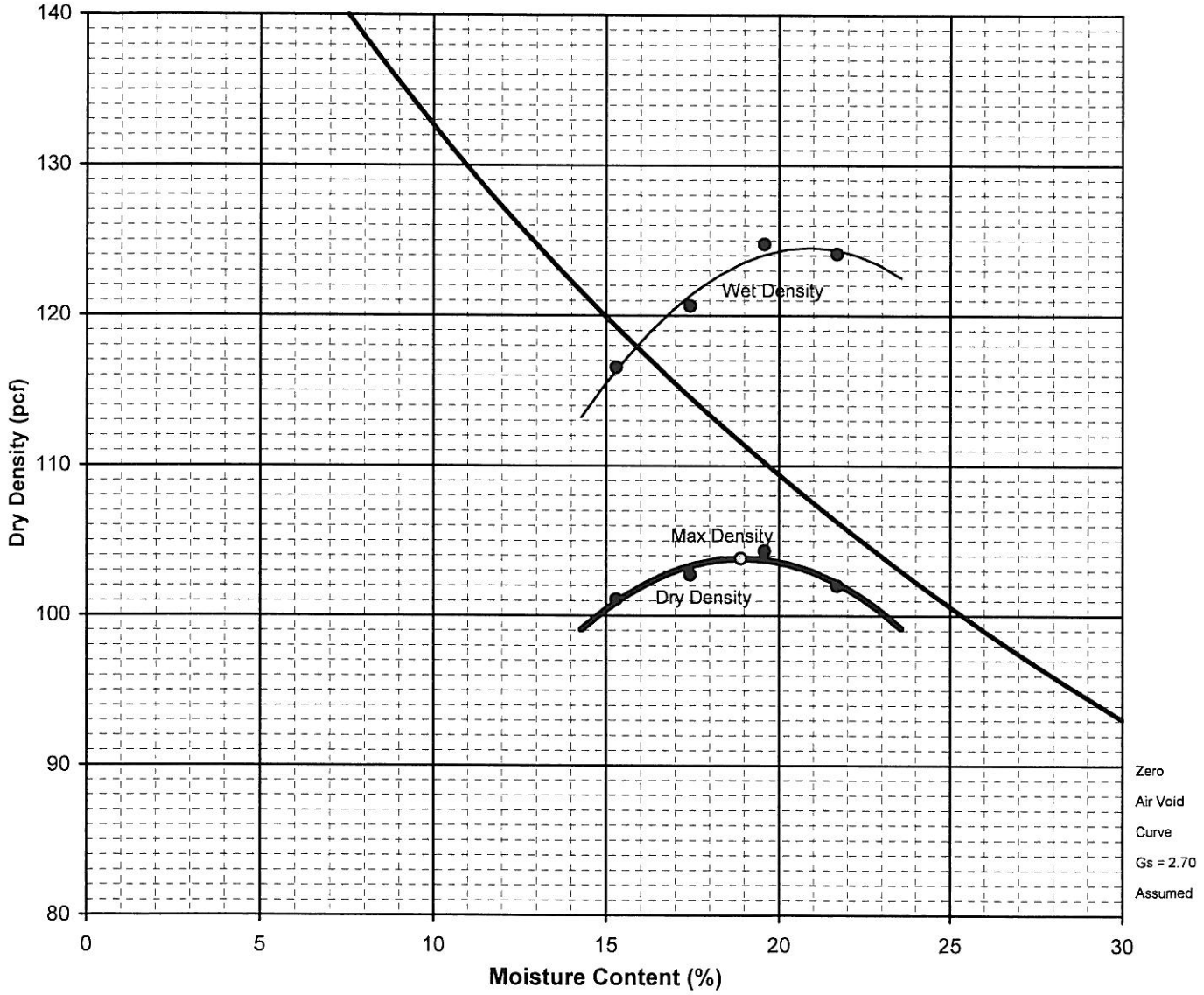
Sample Description: Yel. Br. & Br. Gray Silty Clay

Initial Sample Moisture: 23.6 % MC by ASTM D2216

Rammer Type Used: Manual Type

Sample preparation method used, Moist method.

Type of Test ASTM D 698-00a A Maximum Dry Density=103.8 pcf Optimum Moisture Content=18.9%



Reviewed By: Guemba Katawara

Lab No. L-1143

Test results are valid for the referenced test method and sample only This report may not be copied except in full without expressed permission of GSI.

GSI Geotechnical Services Inc.

Superior service...practical solutions

Project:	Mead NOP Site
Location:	Mead, Nebraska
GSI Job No: 071230	Date: 11/13/2007

APPENDIX D – CERCLA OFF-SITE RULE DOCUMENTATION

APPLICATION FOR APPROVAL TO RECEIVE CERCLA OFF SITE WASTE AT A SOLID WASTE DISPOSAL FACILITY

DEPARTMENT OF THE ARMY
KANSAS CITY DISTRICT, CORPS OF ENGINEERS
700 FEDERAL BUILDING
KANSAS CITY, MISSOURI 64106-2896

REPLY TO
ATTENTION OF:

February 28, 2008

Programs and Project Management
Environmental Programs Branch

Mr. Ed Southwick
Nebraska Department of Environmental Quality
P.O. Box 98922
Lincoln, Nebraska 68509-8922

Dear Mr. Southwick,

Enclosed is an Application for Approval to Receive CERCLA Off-Site Waste at a Solid Waste Disposal Facility. The waste to be disposed is approximately 1000 cubic yards of non-hazardous antimony-contaminated soils from the following three Operable Unit 3 (OU3) sites at the former Nebraska Ordnance Plant (NOP) located in Mead, Nebraska: Load Line 2 Paint Operations Area, Load Line 4 Paint Operations Area, and the Potential Landfill Area. The proposed disposal facility is the Butler County Landfill located near David City, Nebraska.

Waste characterization data for the Load Line 2 and Load Line 4 Paint Operations areas are attached for your information. Waste characterization at the Potential Landfill Area will take place at the start of excavation activities when a qualified Unexploded Ordnance expert can oversee the sampling. However, antimony-contaminated soils from the Potential Landfill Area should be very similar to those from the other two areas based on data from the previous Remedial Investigation.

Soil results from the Load Line 2 and Load Line 4 Paint Operations areas were below all hazardous characteristic criteria and therefore are non-hazardous. Subsequently, disposal of the soil as a special waste was requested at the Butler County Landfill. A copy of the landfill approval is also attached. Excavation and disposal of the soil are anticipated to take place in late March or early April 2008.

We, our subcontractor Kingston Environmental Services, and the Butler County Landfill, are all aware that since we will be transporting more than 100 cubic yards of CERCLA waste to the landfill within a 10 day period that a public comment period will be required. This has been agreed to by all parties.

A copy of this letter is being forwarded to Mr. Scott Marquess, EPA Region VII, Superfund Division, Federal Facilities Emphasis Branch, 901 N. 5th Street in Kansas City, Kansas.

Please contact Mr. Kurt Baer at 816-389-3922 or kurt.h.baer@usace.army.mil with any questions on this matter.

Sincerely,

H. Garth Anderson, P.E.
Project Manager

Enclosures

TABLE 1-1
Results for Waste Characterization Samples
Former NOP OU3, Mead, Nebraska

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	TCLP Limit or Other Criteria
ASTM D92 (ºF)			
Ignitability, Open Cup	>200	>200	NA
SW-846 1311, 3010A, 6010B, Metals in TCLP Extract by ICP (mg/L)			
Arsenic	<0.25	<0.250	5
Barium	1.41	0.576	100
Cadmium	0.03	<0.0200	1
Chromium	0.135	<0.100	5
Lead	1.01	0.661	5
Selenium	<0.500	<0.500	1
Silver	<0.100	<0.100	5
SW-846 1311, 3510C, 8270C, Semi-Volatiles in TCLP Extract by GC/MS (mg/L)			
2,4,5-Trichlorophenol	ND	ND	400
2,3,6-Trichlorophenol	ND	ND	2
2,4-Dinitrotoluene	ND	ND	0.13
Cresols, Total	ND	ND	200
Hexachlorobenzene	ND	ND	0.13
Hexachlorobutadiene	ND	ND	0.5
Hexachloroethane	ND	ND	3
m,p-Cresol	ND	ND	200
Nitrobenzene	ND	ND	2
o-Cresol	ND	ND	200
Pentachlorophenol	ND	ND	100
Pyridine	ND	ND	5
SW-846 1311, 5030, 8260B, Volatile Organic Compounds in TCLP Extract by GC/MS (mg/L)			
1,1-Dichloroethene	ND	ND	0.7
1,2-Dichloroethane	ND	ND	0.5
1,4-Dichlorobenzene	ND	ND	7.5
2-Butanone	ND	ND	200
Benzene	ND	ND	0.5
Carbon tetrachloride	ND	ND	0.5
Chlorobenzene	ND	ND	100
Chloroform	ND	ND	6
Tetrachloroethene	ND	ND	0.7
Trichloroethene	ND	ND	0.5
Vinyl chloride	ND	ND	0.2
SW-846 1311, 7470A in TCLP Extract (mg/L)			
Mercury	<0.00020	0.00007 J	0.2
SW-846 3550B, 8082, Polychlorinated Biphenyls (PCBs) by GC/ECD (μg/Kg)			
Aroclor 1016	ND	ND	50000
Aroclor 1221	ND	ND	50000
Aroclor 1232	ND	ND	50000
Aroclor 1242	ND	ND	50000
Aroclor 1248	ND	ND	50000
Aroclor 1254	ND	ND	50000
Aroclor 1260	17 J	ND	50000
Polychlorinated Biphenyls (Total)	17 J	ND	50000

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	TCLP Limit or Other Criteria
SW-846 9010B, 9014 (mg/Kg)			
Cyanide	0.28 J	0.26 J	NA
SW-846 9023 (mg/Kg)			
Extractable Organic Halogens (EOX)	<100	147	1000
SW-846 9034 (Reactive) (mg/Kg)			
Sulfide, Reactive	<9.9	<9.9	NA
SW-846 9045C			
pH (1:1)	7.25	6.16	2-12.5
SW-846 9065 (mg/Kg)			
Phenols	2.54	1.29	NA
SW-846 9095			
Paint Filter	Pass	Pass	Pass

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

November 21, 2007

Brad Teaford
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: Mead NOP 07R760

WorkOrder: 07110336

Dear Brad Teaford:

TEKLAB, INC received 4 samples on 11/10/2007 9:23:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
LabOrder: 07110336
Report Date: 21-Nov-07

CASE NARRATIVE

Cooler Receipt Temp: 4.2 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G Load Line 2
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 9:35:46 PM	LAL
Barium	NELAP	0.0500		**1.41**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Cadmium	NELAP	0.0200		**0.0300**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Chromium	NELAP	0.100		**0.135**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Lead	NELAP	0.400		**1.01**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:33:45 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 9:35:46 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Cresols, Total	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachlorobutadiene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Hexachloroethane	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
m,p-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Nitrobenzene	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
o-Cresol	NELAP	0.050		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pentachlorophenol	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Pyridine	NELAP	0.100		**ND**	mg/L	1	11/13/2007 3:39:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**82.7**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**75.2**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**46.4**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**71.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**33.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**75.1**	%REC	1	11/13/2007 3:39:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-001
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL2-001-FS-1107-G
Collection Date: 11/8/2007 12:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:10:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**101.0**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**102.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**100.9**	%REC	50	11/14/2007 1:10:00 AM	TAL
Surr: Toluene-d8		84.6-115		**98.4**	%REC	50	11/14/2007 1:10:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		**< 0.00020**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1221	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1232	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1242	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1248	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1254	NELAP	36.6		**ND**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Aroclor 1260	NELAP	36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Polychlorinated Biphenyls (Total)		36.6	J	**17**	µg/Kg	1	11/13/2007 2:33:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**56.0**	%REC	1	11/13/2007 2:33:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.7**	%REC	1	11/13/2007 2:33:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.47	J	**0.28**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**< 100**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**7.25**		1	11/12/2007 8:50:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.413		**2.54**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G Load Line 4
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D92								
Ignitability, Open Cup		60		**>200**	°F	1	11/13/2007	BSJ
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		**< 0.250**	mg/L	1	11/13/2007 10:01:15 PM	LAL
Barium	NELAP	0.0500		**0.576**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Cadmium	NELAP	0.0200		**< 0.0200**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Chromium	NELAP	0.100		**< 0.100**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Lead	NELAP	0.400		**0.661**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Selenium	NELAP	0.500		**< 0.500**	mg/L	1	11/14/2007 4:46:14 PM	LAL
Silver	NELAP	0.100		**< 0.100**	mg/L	1	11/13/2007 10:01:15 PM	LAL
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Cresols, Total	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachlorobutadiene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Hexachloroethane	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
m,p-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Nitrobenzene	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
o-Cresol	NELAP	0.040		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pentachlorophenol	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Pyridine	NELAP	0.080		**ND**	mg/L	1	11/13/2007 5:25:00 PM	TDN
Surr: 2,4,6-Tribromophenol		27.7-149		**85.1**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorobiphenyl		44.9-116		**74.9**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: 2-Fluorophenol		10.6-78.7		**42.0**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Nitrobenzene-d5		41.4-104		**70.4**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: Phenol-d5		9.04-52.9		**30.3**	%REC	1	11/13/2007 5:25:00 PM	TDN
Surr: p-Terphenyl-d14		23.5-114		**79.5**	%REC	1	11/13/2007 5:25:00 PM	TDN
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,2-Dichloroethane	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
1,4-Dichlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
2-Butanone	NELAP	2.50		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Benzene	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Carbon tetrachloride	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chlorobenzene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Chloroform	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Tetrachloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-002
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: LL4-001-FS-1107-G
Collection Date: 11/8/2007 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
Trichloroethene	NELAP	0.250		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Vinyl chloride	NELAP	0.100		**ND**	mg/L	50	11/14/2007 1:39:00 AM	TAL
Surr: 1,2-Dichloroethane-d4		68.8-131		**99.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: 4-Bromofluorobenzene		83.9-114		**97.9**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Dibromofluoromethane		74.4-127		**104.6**	%REC	50	11/14/2007 1:39:00 AM	TAL
Surr: Toluene-d8		84.6-115		**97.1**	%REC	50	11/14/2007 1:39:00 AM	TAL
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020	J	**0.00007**	mg/L	1	11/14/2007	MEK
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1221	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1232	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1242	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1248	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1254	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Aroclor 1260	NELAP	37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Polychlorinated Biphenyls (Total)		37.4		**ND**	µg/Kg	1	11/13/2007 2:50:00 PM	HE
Surr: Decachlorobiphenyl		5-156		**85.7**	%REC	1	11/13/2007 2:50:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		**47.4**	%REC	1	11/13/2007 2:50:00 PM	HE
SW-846 9010B, 9014								
Cyanide	NELAP	0.46	J	**0.26**	mg/Kg	1	11/15/2007	AET
SW-846 9023								
Extractable Organic Halogens (EOX)		100		**147**	mg/Kg	1	11/20/2007	SUB
SW-846 9034 (REACTIVE)								
Sulfide, Reactive	NELAP	9.9		**< 9.9**	mg/Kg	1	11/12/2007 1:15:00 PM	NJK
SW-846 9045C								
pH (1:1)	NELAP	1.00		**6.16**		1	11/12/2007 8:52:00 PM	KNL
SW-846 9065								
Phenols	NELAP	0.439		**1.29**	mg/Kg	1	11/15/2007	AET
SW-846 9095								
Paint Filter	NELAP	0		**Pass**	Pass/Fail	1	11/12/2007	KNL

Sample Narrative

SW-846 9023

Analysis performed by Prairie Analytical Systems, Inc.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Backfill Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**17.5**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**82.5**	%	1	11/13/2007	JPK
SW-846 3050B, 6010B, METALS BY ICP								
Aluminum	NELAP	4.72		**16400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Antimony	NELAP	4.72		**< 4.72**	mg/Kg-dry	1	11/13/2007 4:47:19 PM	LAL
Arsenic	NELAP	2.36		**4.57**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Barium	NELAP	0.47		**287**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Beryllium	NELAP	0.09		**0.84**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cadmium	NELAP	0.19		**0.54**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Calcium	NELAP	4.72		**11600**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Chromium	NELAP	0.94		**18.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Cobalt	NELAP	0.94		**9.15**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Copper	NELAP	0.94		**12.6**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Iron	NELAP	1.89		**21400**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Lead	NELAP	3.77		**12.5**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Magnesium	NELAP	0.94		**8180**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Manganese	NELAP	0.47		**197**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Nickel	NELAP	0.94		**22.2**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Potassium	NELAP	9.43		**2890**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Selenium	NELAP	3.77	J	**2.7**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Silver	NELAP	0.94		**< 0.94**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Sodium	NELAP	4.72	B	**184**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Thallium	NELAP	4.72		**5.23**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
Vanadium	NELAP	0.94		**35.7**	mg/Kg-dry	1	11/14/2007 4:20:46 PM	LAL
Zinc	NELAP	0.94		**62.4**	mg/Kg-dry	1	11/13/2007 3:28:24 PM	LAL
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
4,4'-DDD	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4'-DDE	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
4,4'-DDT	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Aldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
alpha-Chlordane	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
beta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Chlordane	NELAP	4.04		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
delta-BHC	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Dieldrin	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan I	NELAP	2.02		**ND**	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD								
Endosulfan II	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endosulfan sulfate	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin aldehyde	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Endrin ketone	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-BHC	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
gamma-Chlordane		2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Heptachlor epoxide	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Methoxychlor	NELAP	2.02		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Toxaphene	NELAP	36.3		ND	µg/Kg-dry	1	11/13/2007 10:23:00 PM	HE
Surr: Decachlorobiphenyl		48-149		96.8	%REC	1	11/13/2007 10:23:00 PM	HE
Surr: Tetrachloro-m-xylene		19-145		76.1	%REC	1	11/13/2007 10:23:00 PM	HE
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1221	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1232	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1242	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1248	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1254	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Aroclor 1260	NELAP	45.3		ND	µg/Kg-dry	1	11/13/2007 3:07:00 PM	HE
Surr: Decachlorobiphenyl		5-156		77.1	%REC	1	11/13/2007 3:07:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		55.1	%REC	1	11/13/2007 3:07:00 PM	HE
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,3-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,4-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,5-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4,6-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dichlorophenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dimethylphenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,4-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2,6-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chloronaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Chlorophenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Methoxy-4-methylphenol		0.764		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

Backfill Sample

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Backfill Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
2-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3,3´-Dichlorobenzidine	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Bromophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloro-3-methylphenol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chloroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Chlorophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitroaniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
4-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Acenaphthylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Aniline	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Azobenzene		0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzidine	NELAP	1.24		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(a)pyrene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Benzyl alcohol	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethoxy)methane	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroethyl)ether	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-chloroisopropyl)ether	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Bis(2-ethylhexyl)phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Butyl benzyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Carbazole		0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Chrysene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dibenzofuran	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Diethyl phthalate	NELAP	0.588		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Dimethyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-butyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Di-n-octyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-003
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-GS-1107-C
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Backfill Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Fluoranthene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Fluorene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobenzene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorobutadiene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachlorocyclopentadiene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Hexachloroethane	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Isophorone	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
m,p-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Naphthalene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Nitrobenzene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodimethylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitroso-di-n-propylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
N-Nitrosodiphenylamine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
o-Cresol	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pentachlorophenol	NELAP	2.35		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenanthrene	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Phenol	NELAP	0.411		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyrene	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Pyridine	NELAP	0.588		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
1,2-Diphenylhydrazine		0.987		**ND**	mg/Kg-dry	1	11/14/2007 4:32:00 PM	TDN
Surr: 2,4,6-Tribromophenol		32.7-130		**68.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorobiphenyl		34.1-116		**51.5**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: 2-Fluorophenol		30.5-99		**54.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Nitrobenzene-d5		34.1-101		**56.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: Phenol-d5		34.9-110		**59.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
Surr: p-Terphenyl-d14		41.7-124		**65.8**	%REC	1	11/14/2007 4:32:00 PM	TDN
SW-846 7471A								
Mercury	NELAP	0.012		**0.030**	mg/Kg-dry	1	11/14/2007	MEK

Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

Na - Sample result was more than 10 times the blank contamination. Data is reportable.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		**18.9**	%	1	11/13/2007	JPK
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		**81.1**	%	1	11/13/2007	JPK
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloro-2-propanone		59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,1-Dichloropropene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trichloropropane	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,3-Trimethylbenzene		5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dibromoethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,3-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
1-Chlorobutane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2,2-Dichloropropane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Butanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Hexanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
2-Nitropropane	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Chlorotoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
4-Methyl-2-pentanone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acetone	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrolein	NELAP	118		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Acrylonitrile	NELAP	11.8		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

Backfill Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Backfill Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Allyl chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Benzene	NELAP	1.18		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromodichloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromoform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Bromomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon disulfide	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Carbon tetrachloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chlorobenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloroform	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Chloromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.73		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Cyclohexanone		118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromochloromethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dibromomethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Dichlorodifluoromethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl acetate	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl ether	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethyl methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Ethylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Heptane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachlorobutadiene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexachloroethane	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Hexane		23.7		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Iodomethane	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Isopropylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
m,p-Xylenes	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methacrylonitrile	NELAP	59.2		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl Methacrylate	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.37		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylacrylate		11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Methylene chloride	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Naphthalene	NELAP	11.8		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
n-Butylbenzene	NELAP	5.92		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Nitrobenzene	NELAP	118		ND	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 07110336
Lab ID: 07110336-004
Report Date: 21-Nov-07

Client Project: Mead NOP 07R760
Client Sample ID: BS1-001-FS-1107-G
Collection Date: 11/8/2007 1:50:00 PM
Matrix: SOLID

Backfill Sample

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Propylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
o-Xylene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Pentachloroethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
p-Isopropyltoluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Propionitrile	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
sec-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Styrene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
tert-Butylbenzene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrachloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Tetrahydrofuran	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Toluene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	4.73		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichloroethene	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Trichlorofluoromethane	NELAP	5.92		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl acetate	NELAP	59.2		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Vinyl chloride	NELAP	2.37		**ND**	µg/Kg-dry	1	11/13/2007 3:22:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		65.5-125		**102.7**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: 4-Bromofluorobenzene		75.8-120		**95.9**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Dibromofluoromethane		72.8-122		**107.0**	%REC	1	11/13/2007 3:22:00 PM	JSA
Surr: Toluene-d8		85-115		**96.3**	%REC	1	11/13/2007 3:22:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 07110336
Report Date: 21-Nov-07

Carrier: FedEx

Received By: EAH

Completed by: Marvin L. Darling II
On: 12-Nov-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 12-Nov-07
Elizabeth A. Hurley

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.2
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐		

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

07110336

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	Mead NOP	A	Landfill Special Wastes	K	
WO:		Project Number:	07R760	B	TCL SVOC SW846 Meth 8270C		
Company:	Kingston Environmental	Bill To:		C	TCL VOC SW846 Meth 8260B	M	
Report to:	Brad Teaford	Invoice ATTN:		D	TCL Pesticides SW-846	N	
Address:	15450 Hangar Road	Address:		E	PCBs method 8081A	O	
	Kansas City, KS 64147			F	TAL Metals SW846 method 6010B and 7000 series	P	
				G		Q	
E-mail:	bradt@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816.525.5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	07110336
1	LL2-001-FS-1107-G	Unpreserved	11-08-07	1250	grab	Soil	1	X															-001
2	LL4-001-FS-1107-G	Unpreserved	11-08-07	1200	grab	Soil	1	X															-002
3	BS1-001-FS-1107-C	Unpreserved	11-08-07	1:50	composite	Soil	#3		X	X	X	X	X										-003
4	BS1-001-FS-1107-G		11-08-07	1:50	grab	Soil	1			X													-004
5																							
6																							
7																							
8																							
9																							
10																							

Sampler: Brad Teaford | Shipment Method: Fed ex | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	11-09-07	[signature]	11/9/07	[signature]	11/9/07	Elizabeth A Hurley	11/10/07
Company: KES	Time: 940	Company:	Time: 940	Company:	Time: 1500	Company:	Time: 0923
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: The VOC sample for BS1-001-FS-1107 was taken as a grab from one of the 4 Aliquots used in the composite

Standard turn | Other ICED

Rush turn | Cooler Temp: 4.2°C

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessy

Phone: 877.344.1003 Fax: 618.344.1005

Application for Approval to Receive
CERCLA Off Site Waste at
a Solid Waste Disposal Facility

Date: February 12, 2008

Name of Receiving Facility: Butler County Landfill

Location of Receiving Facility: 3588 R Road, David City, NE 68632

Mailing Address: 3588 R Road, David City, NE 68632

Responsible Office (Name and title): Kelly Danielson, District Manager

Telephone Number / Email: (402) 367-4669
kellyd@wcnx.org

State Permit Number: NE0202967

1. **Description of material to be received (origin of the material, amount in tons or cubic yards, physical form, potential hazardous constituent and concentrations, time frame for receipt of material):**

   a. **Origin:** Remediation waste soil from the following three areas at the former Nebraska Ordnance Plant, Saunders County, Mead, Nebraska: Load Line 2 Paint Operations Area, Load Line 4 Paint Operations Area, and the Potential Landfill Area North of the Proving Grounds. Soil is being removed due to elevated levels of antimony.

   b. **Amount:** Approximately 1000 cubic yards total as follows:
   -310 cubic yards from Load Line 2 Paint Operations Area
   -100 cubic yards from Load Line 4 Pain Operations Area
   -570 cubic yards from Potential Landfill Area

   c. **Physical form:** Solid

   d. **Potential hazardous constituent(s):** The soil contains elevated (non-hazardous) levels of antimony and residual amounts of other chemicals below levels of human health concern.

   e. **Concentration of the potential hazardous constituent(s):** Concentrations of all chemicals, including antimony, are non-hazardous. Material with concentrations exceeding hazardous levels will not be disposed of at the Subtitle D landfill.

   f. **Timeframe for receipt of material:** Disposal will occur over approximately 3 weeks, anticipated to start in late March or April 2008.

2. **Description of location where all the material will be placed (cells or units to receive material, approximate location on map of site):** Cells 7 & 8. See attached map.

3. **Special handling techniques proposed to be used:** Waste will be shipped in properly covered/tarped tractor trailers. Deposition boundaries will be recorded in the site daily operational records.

4. **Notification of local officials (who and when):** Donna Pentecost of Waste Connections, Inc. (landfill owner) was contacted December 12, 2007 by Kingston Environmental Services and provided with analytical results for the Load Line 2 Paint Operations Area and Load Line 4 Paint Operations Area soils. On December 13, 2007 Ms. Pentecost sent approval for disposal of these soils at the Butler County Landfill.

   On February 4, 2008, Donna Pentecost was re-contacted by Kingston Environmental Services to confirm that the Butler County Landfill would accept these soils while subject to the CERCLA Off-Site Rule. Ms. Pentecost responded on February 5, 2008, stating she had spoken with Kelly Danielson at the Butler County Landfill and the landfill would accept the soils.

   Waste characterization analysis of soils at the Potential Landfill Area will occur during site mobilization in late March or April 2008, and specific landfill approval for those soils will occur at that time. However, it is anticipated that Potential Landfill Area remediation soils data results will be similar to those from the other two areas.

Date of State Solid Waste Agency Review:

5. **Date of last compliance evaluation:**

6. **Identification of unresolved environmental non-compliance issues (type and date of issue):**

7. **Status of any enforcement actions (permit violations, compliance orders, NOV's, criminal violations, etc) against the facility (type of issue and date of resolution or status):**

8. **Date of last comprehensive evaluation of ground water monitoring (is the site leaking or in any phase of assessment?):**

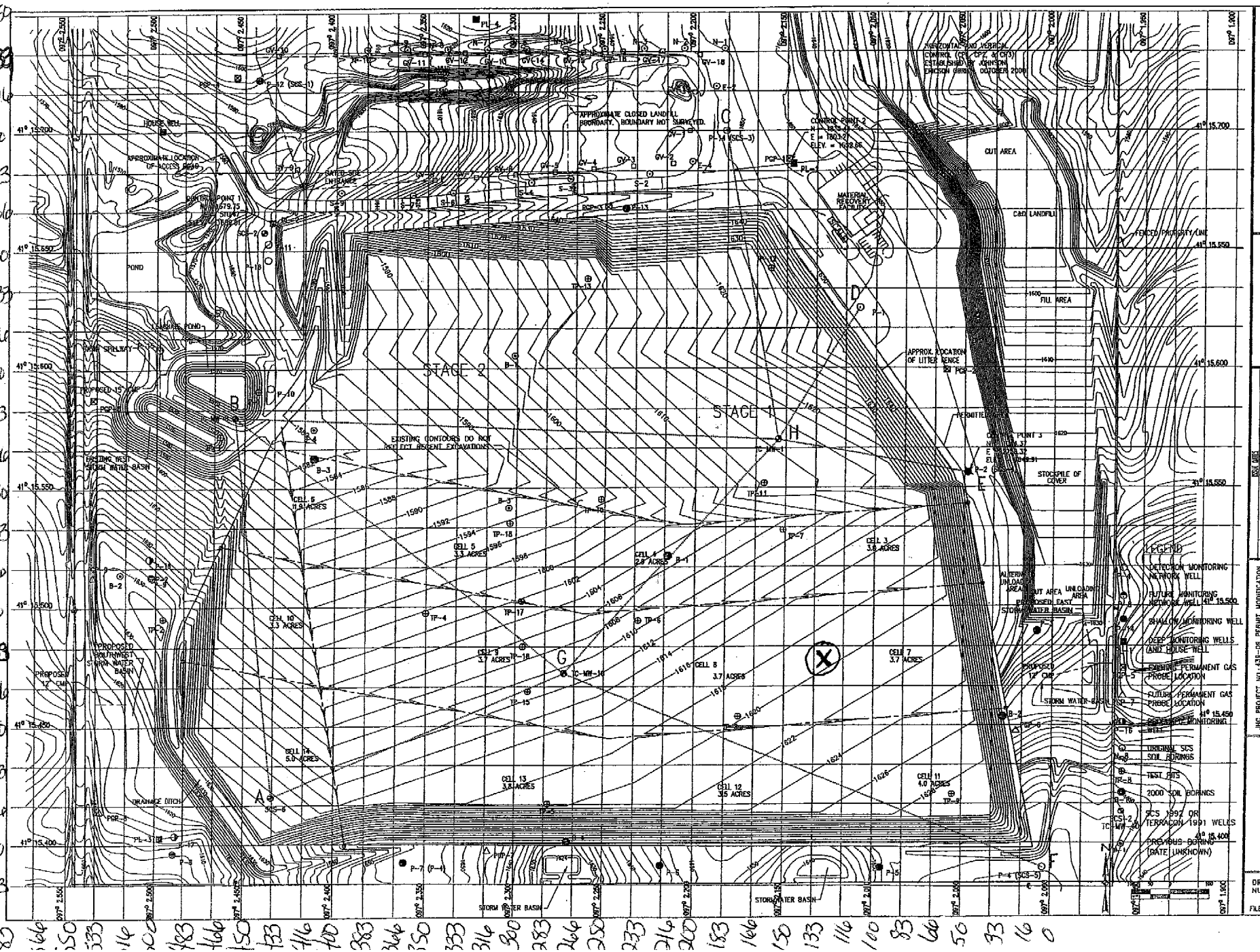
9. **Evaluation of the facility liner or leachate collection system requirements and the potential impact by the proposed waste:**

EPA Determination of the acceptability of the proposed waste for disposal in the applying facility:

Acceptable **Unacceptable**

Certification (signature of responsible EPA official and date):

Signature_____
Date_____


BUTLER COUNTY LANDFILL
PERMIT RENEWAL APPLICATION
DAVID CITY, NEBRASKA
Jacobson Helgoth CONSULTANTS
FRIABLE ASBESTOS DISPOSAL DIAGRAM
DRAWING NUMBER C-2
FILE NO.: 0332122A009.DWG
JHC PROJECT NO.: 435-08 PERMIT MODIFICATION
PROJECT MANAGER: MRW
DESIGNED: GEB
DRAWN: PDR
CHECKED: GEB
ISSUE NOTES
NO. DESCRIPTION BY DATE
1 CORRECTED PERIMETER LABEL AND LEGEND DJC 11/18/03
LEGEND
DETECTION MONITORING NETWORK WELL
FUTURE MONITORING NETWORK WELL
SHALLOW MONITORING WELL
DEEP MONITORING WELLS (AND HOUSE WELL)
EXISTING PERMANENT GAS PROBE LOCATION
FUTURE PERMANENT GAS PROBE LOCATION
PIEZOMETER MONITORING WELL
ORIGINAL SCS SOIL BORINGS
TEST PITS
2000 SOIL BORINGS
SCS 1992 OR TERRACON 1991 WELLS
PREVIOUS BORING (DATE UNKNOWN)
STAGE 2
STAGE 1
CUT AREA
FILL AREA
C&D LANDFILL
MATERIAL RECOVERY FACILITY
STOCKPILE OF COVER
EXISTING CONTOURS DO NOT REFLECT RECENT EXCAVATIONS
APPROXIMATE CLOSED LANDFILL BOUNDARY. BOUNDARY NOT SURVEYED.
NON-CONTACT AND VERTICAL CONTROL (CP1, CP2 & CP3) ESTABLISHED BY JOHNSON ERICSON (BRIDGE) OCTOBER 2000
CELL 3 3.8 ACRES
CELL 4 2.8 ACRES
CELL 5 3.3 ACRES
CELL 6 1.9 ACRES
CELL 7 3.7 ACRES
CELL 8 3.7 ACRES
CELL 10 3.3 ACRES
CELL 11 4.0 ACRES
CELL 12 3.5 ACRES
CELL 13 3.8 ACRES
CELL 14 5.0 ACRES
PROPOSED 15" CMP
PROPOSED 12" CMP
STORM WATER BASIN
DRAINAGE DITCH
POND
HOUSE WELL
GATED SIDE ENTRANCE
APPROXIMATE LOCATION OF ACCESS ROAD
APPROX. LOCATION OF LITTER FENCE
FENCED PROPERTY LINE
PERMITTED LIMITS
EXISTING WEST STORM WATER BASIN
PROPOSED SOUTHWEST STORM WATER BASIN
PROPOSED EAST STORM WATER BASIN
ALTERNATE UNLOADING AREA
CUT AREA UNLOADING AREA
CONTROL POINT 2
CONTROL POINT 3
41° 15.700
41° 15.650
41° 15.600
41° 15.550
41° 15.500
41° 15.450
41° 15.400

WASTE CONNECTIONS, INC.

FACSIMILE TRANSMITTAL SHEET

To:	Kelly Danielson	From:	Donna J. Pentecost, CHMM
Company:	WCI	Date:	January 4, 2008 December 13, 2007
Fax Number	402.367.4079	Total Pages:	1
cc:	Butler County Landfill	Fax Number:	402.367.4079

SPECIAL WASTE APPROVAL

Generator: USACE – MEAD NOP Load Line 2/Load Line 4

Customer: Kingston Environmental

Disposal Facility: Butler County Landfill

Approval Number: BCL-07-050 Approval Date: December 13, 2007; January 4, 2008

Expiration Date: February 13, 2008 Note: Disposal frequency is one-time.
June 30, 2008

Waste Types/Instructions:

Soil Contaminated with Antimony

Basis for non-hazardous determination is BTEX, TPH, pH, PCB, TCLP-Metals, TCLP-VOC/SVOC, Reactivity, and Flash.

Anticipated volume is approximately 1,000 cubic yards.

Approval By: Donna J. Pentecost

Review and approval of waste for use as Alternative Daily Cover is based upon a submitted documentation from generator/customer. Approval is granted subject to the enforcement of the following conditions:

1. Loads may be randomly inspected upon receipt at the landfill to conform to Alternative Daily Cover application.
2. This material must be properly contained, bagged, or tarped prior to and during shipment and disposal.
3. The customer must contact the respective landfill to schedule the waste shipment prior to disposal.

DONNA J. PENTECOST, CHMM – ENVIRONMENTAL COMPLIANCE SUPERVISOR
PHONE: 248.547. 5649 / FAX: 248.547.8561

PUBLIC NOTICE

NDEQ News

For more information, contact
NDEQ's Public Information Office, (402) 471-4223 or (402) 471-4243

Waste from Mead Site to Be Disposed at Butler County Landfill

March 14 -- The Nebraska Department of Environmental Quality (NDEQ) is notifying officials in Butler County that a significant amount of waste is intended to be transported from the former Nebraska Ordnance Plant in Mead for disposal at the Butler County landfill in early April.

Over 1,000 tons of remediation waste soil is scheduled to be sent to the landfill. The soil is being removed from the site because it contains elevated levels of antimony. The Army Corps of Engineers has tested this waste soil and determined that it is non-hazardous and suitable for landfill disposal. NDEQ has reviewed their results and agrees with their findings.

Typically when quantities greater than 100 tons of waste are intended to be shipped for disposal from a Superfund site, NDEQ first coordinates notification and authorization with the EPA, and then notifies local officials of the planned disposal.

For more information about the disposal plans, refer to the “Application for Approval to Receive CERCLA Off Site Waste at a Solid Waste Disposal Facility” below. Also attached is a letter from the Army Corps of Engineers that describes their waste characterization process and findings

Application for Approval to Receive CERCLA Off Site Waste at a Solid Waste Disposal Facility	Waste Characterization from the U.S. Army Corps of Engineers
CERCLA app.pdf	waste identification.pdf

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Nebraska Department of Environmental Quality
1200 "N" Street, Suite 400
P.O. Box 98922
Lincoln, Nebraska 68509
(402) 471-2186

SIGNED CERCLA OFF SITE WASTE DISPOSAL APPROVAL

Application for Approval to Receive CERCLA Off Site Waste at a Solid Waste Disposal Facility

Date of Submittal: February 12, 2008

Name of Receiving Facility: Butler County Landfill

Location of Receiving Facility: 3588 R Road, David City, NE 68632

Mailing Address: 3588 R Road, David City, NE 68632

Responsible Official (Name and title): Kelly Danielson, District Manager
Telephone/Email: (402) 367-4669
kellyd@wcnx.org

State Permit Number: NE0202967

1. **Description of material to be received (origin of the material, amount in tons or cubic yards, physical form, potential hazardous constituent and concentrations, time frame for receipt of material):**

   a. **Origin:** Remediation waste soil from the following three areas at the former Nebraska Ordnance Plant, Saunders County, Mead, Nebraska: Load Line 2 Paint Operations Area, Load Line 4 Paint Operations Area, and the Potential Landfill Area North of the Proving Grounds. Soil is being removed due to elevated levels of antimony.

   b. **Amount:** Approximately 1000 cubic yards (1.5 tons/cy) total as follows:
   -310 cubic yards (465 tns) from Load Line 2 Paint Operations Area
   -100 (150 tons) cubic yards from Load Line 4 Pain Operations Area
   -570 (855 tons) cubic yards from Potential Landfill Area

   c. **Physical form:** Solid

   d. **Potential hazardous constituent(s):** The soil contains antimony, a non-hazardous constituent, at levels not expected to exceed 171 mg/Kg, and residual amounts of other chemicals below levels of human health concern (See attached Table 1-1).

   e. **Concentration of the potential hazardous constituent(s):** Concentrations of all chemicals, including antimony, are non-hazardous. Material with concentrations exceeding hazardous levels will not be disposed of at the Subtitle D landfill.

   f. **Timeframe for receipt of material:** Disposal will occur over approximately 3 weeks, anticipated to start in middle to late April 2008

2. **Description of location where all the material will be placed (cells or units to receive material, approximate location on map of site):** Cells 7 & 8. See attached map.

3. **Special handling techniques proposed to be used:** Waste will be shipped in properly covered/tarped tractor trailers. Waste will be covered with at least 12" of daily earthen cover. NDEQ prohibits use of this waste material as alternate daily cover and requires that deposition boundaries (vertical and horizontal) be recorded in the site daily operational records.

4. **Notification of local officials (who and when):** Donna Pentecost of Waste Connections, Inc. (landfill owner) was contacted December 12, 2007 by Kingston Environmental Services and provided with analytical results for the Load Line 2 Paint Operations Area and Load Line 4 Paint Operations Area soils. On December 13, 2007 Ms. Pentecost sent approval for disposal of these soils at the Butler County Landfill.

   On February 4, 2008, Donna Pentecost was re-contacted by Kingston Environmental Services to confirm that the Butler County Landfill would accept these soils while subject to the CERCLA Off-Site Rule. Ms. Pentecost responded on February 5, 2008, stating she had spoken with Kelly Danielson at the Butler County Landfill and the landfill would accept the soils.

   Waste characterization analysis of soils at the Potential Landfill Area will occur during site mobilization in middle to late April 2008, and specific landfill approval for those soils will occur at that time. However, it is anticipated that Potential Landfill Area remediation soils data results will be similar to those from the other two areas.

   During the week of March 10, 2008 NDEQ notified local county officials about this disposal request. NDEQ placed a public notice announcement on its web site from March 14 to March 28 that described the disposal request and invited public comment. As of April 8, 2008, no public comments were received.

Date of State Solid Waste Agency Review: April 8, 2008

5. **Date of last compliance evaluation:** The last routine compliance inspection was done on May 17, 2007. No violations were found.

6. **Identification of unresolved environmental non-compliance issues (type and date of issue):** None.

7. **Status of any enforcement actions (permit violations, compliance orders, NOV's, criminal violations, etc) against the facility (type of issue and date of resolution or status):** N/A, none outstanding.

8. **Date of last comprehensive evaluation of ground water monitoring (is the site leaking or in any phase of assessment?):** 09/15/03 is the date of the last comprehensive evaluation of ground water monitoring. The

site is in the Detection groundwater monitoring phase. Volatile Organic Compounds have not been detected at the site. Inorganic parameters do not indicate a release. Methane was detected at various gas vents during the monthly monitoring events in the fourth quarter of 2007. Methane was detected at perimeter gas probes in excess of the lower explosive limit (LEL). Methane was detected at PGP-2 at 7.9% during the October event, but was not detected during the November and December monitoring events. There was no methane detected in the buildings/structures.

9. **Evaluation of the facility liner or leachate collection system requirements and the potential impact by the proposed waste:**
The liner consists of a 95% dry density compacted sub-liner overlaid with geosynthetic clay liner (GCL) overlaid with 60 mil flexible membrane liner (FML), with perforated pipe and filter media for leachate collection piping. The FML has 12" of sand drainage layer placed over it, and the leachate flows by gravity to a leachate collection pond. This is not a standard Subtitle D liner, but an approved equal by NDEQ.

EPA Determination of the acceptability of the proposed waste for disposal in the applying facility:

Acceptable **Unacceptable**

Certification (signature of responsible EPA official and date):

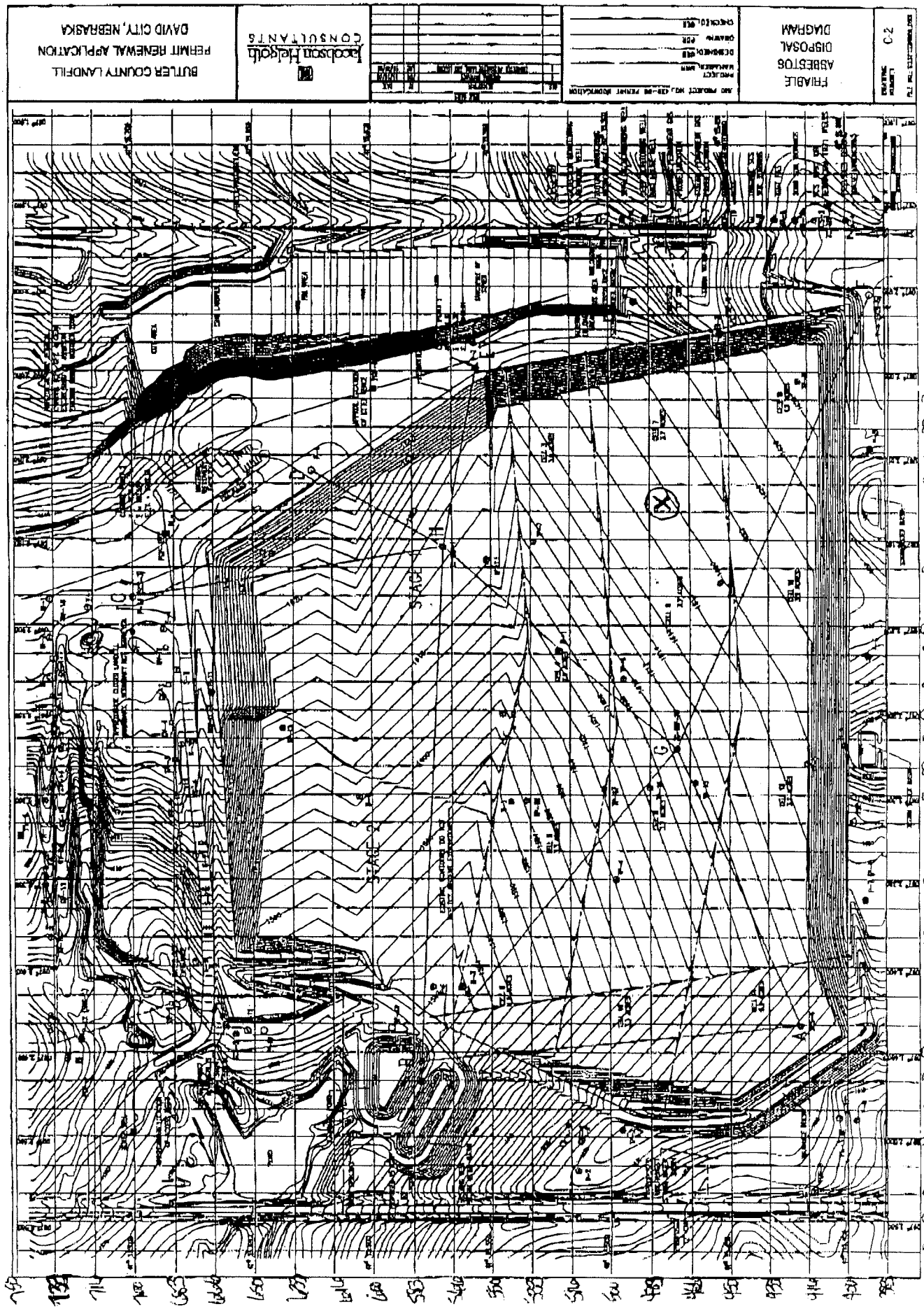
Signature _____

Date 4/21/08

TABLE 1-1
Results for Waste Characterization Samples
Former NOP OU3, Mead, Nebraska

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	TCLP Limit or Other Criteria
ASTM D92 (°F)			
Ignitability, Open Cup	>200	>200	NA
SW-846 1311, 3010A, 6010B, Metals in TCLP Extract by ICP (mg/L)			
Arsenic	<0.25	<0.250	5
Barium	1.41	0.576	100
Cadmium	0.03	<0.0200	1
Chromium	0.135	<0.100	5
Lead	1.01	0.661	5
Selenium	<0.500	<0.500	1
Silver	<0.100	<0.100	5
SW-846 1311, 3510C, 8270C, Semi-Volatiles in TCLP Extract by GC/MS (mg/L)			
2,4,5-Trichlorophenol	ND	ND	400
2,3,6-Trichlorophenol	ND	ND	2
2,4-Dinitrotoluene	ND	ND	0.13
Cresols, Total	ND	ND	200
Hexachlorobenzene	ND	ND	0.13
Hexachlorobutadiene	ND	ND	0.5
Hexachloroethane	ND	ND	3
m,p-Cresol	ND	ND	200
Nitrobenzene	ND	ND	2
o-Cresol	ND	ND	200
Pentachlorophenol	ND	ND	100
Pyridine	ND	ND	5
SW-846 1311, 5030, 8260B, Volatile Organic Compounds in TCLP Extract by GC/MS (mg/L)			
1,1-Dichloroethene	ND	ND	0.7
1,2-Dichloroethane	ND	ND	0.5
1,4-Dichlorobenzene	ND	ND	7.5
2-Butanone	ND	ND	200
Benzene	ND	ND	0.5
Carbon tetrachloride	ND	ND	0.5
Chlorobenzene	ND	ND	100
Chloroform	ND	ND	6
Tetrachloroethene	ND	ND	0.7
Trichloroethene	ND	ND	0.5
Vinyl chloride	ND	ND	0.2
SW-846 1311, 7470A in TCLP Extract (mg/L)			
Mercury	<0.00020	0.00007 J	0.2
SW-846 3550B, 8082, Polychlorinated Biphenyls (PCBs) by GC/ECD (µg/Kg)			
Aroclor 1016	ND	ND	50000
Aroclor 1221	ND	ND	50000
Aroclor 1232	ND	ND	50000
Aroclor 1242	ND	ND	50000
Aroclor 1248	ND	ND	50000
Aroclor 1254	ND	ND	50000
Aroclor 1260	17 J	ND	50000
Polychlorinated Biphenyls (Total)	17 J	ND	50000

Analyses	Load Line 2 Paint Operations Area	Load Line 4 Paint Operations Area	TCLP Limit or Other Criteria
SW-846 9010B, 9014 (mg/Kg)			
Cyanide	0.28 J	0.26 J	NA
SW-846 9023 (mg/Kg)			
Extractable Organic Halogens (EOX)	<100	147	1000
SW-846 9034 (Reactive) (mg/Kg)			
Sulfide, Reactive	<9.9	<9.9	NA
SW-846 9045C			
pH (1:1)	7.25	6.16	2-12.5
SW-846 9065 (mg/Kg)			
Phenols	2.54	1.29	NA
SW-846 9095			
Paint Filter	Pass	Pass	Pass


FRIABLE
ASBESTOS
DISPOSAL
DIAGRAM
C-2
Jacobson Helgoth
CONSULTANTS
BUTLER COUNTY LANDFILL
PERMIT RENEWAL APPLICATION
DAVID CITY, NEBRASKA

site is in the Detection groundwater monitoring phase. Volatile Organic Compounds have not been detected at the site. Inorganic parameters do not indicate a release. Methane was detected at various gas vents during the monthly monitoring events in the fourth quarter of 2007. Methane was detected at perimeter gas probes in excess of the lower explosive limit (LEL). Methane was detected at PGP-2 at 7.9% during the October event, but was not detected during the November and December monitoring events. There was no methane detected in the buildings/structures.

9. **Evaluation of the facility liner or leachate collection system requirements and the potential impact by the proposed waste:**
The liner consists of a 95% dry density compacted sub-liner overlaid with geosynthetic clay liner (GCL) overlaid with 60 mil flexible membrane liner (FML), with perforated pipe and filter media for leachate collection piping. The FML has 12" of sand drainage layer placed over it, and the leachate flows by gravity to a leachate collection pond. This is not a standard Subtitle D liner, but an approved equal by NDEQ.

EPA Determination of the acceptability of the proposed waste for disposal in the applying facility:

Acceptable **Unacceptable**

Certification (signature of responsible EPA official and date):

Signature [illegible]

Date 4/21/08

APPENDIX E – MEC PROBABILITY ASSESSMENT

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, KANSAS CITY DISTRICT
700 FEDERAL BUILDING
601 E 12TH STREET
KANSAS CITY, MO 64106-2896

REPLY TO
ATTENTION OF

CENWK PM-E 27 March 2008

MEMORANDUM FOR Commander, CENWK

SUBJECT: Probability Assessment for Encountering Munitions and Explosives of Concern (MEC) at the Potential Landfill Site located at the Former Nebraska Ordnance Plant (NOP) in Mead, Nebraska

1. References:

a. EP 75-1-2, Unexploded Ordnance (UXO) Support during Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities, November 2000.

b. Revised Chapter 12, DOD 6055.9-STD, Ammunition and Explosives Safety Standards, October 2004.

2. In accordance with reference 1(a) and (b), the Potential Landfill Site at the Former NOP has been assessed for the probability of encountering conventional MEC during upcoming work activities to excavate antimony contaminated soil. The assessment result is "Low" probability of encountering MEC for this construction activity. As a result, the work can be accomplished without an Explosive Siting Plan or an Explosive Safety Submission.

3. There have been no MEC discoveries within the specific area of this construction activity in past history. The Potential Landfill Site will have two qualified Unexploded Ordnance (UXO) personnel on-site during construction activities to ensure the safety of persons conducting the work. This is beyond the requirements of reference 1(b), which requires qualified UXO personnel be available “on-call”.

4. In accordance with references, the current Safety and Health Plan includes contingency plans providing for a safe and expeditious response in the event MEC is encountered. If MEC is encountered during construction activities, construction activities will be stopped. The Field Supervisor will be notified and the USACE Project Manager will be contacted to coordinate the Explosive Ordnance Disposal response. The site will be re-assessed to determine the probability of encountering MEC during subsequent activities.

5. If the Potential Landfill Site should become reclassified with “Moderate to High" probability of encountering MEC, an Explosive Safety Submission will be prepared and submitted through USACE, CEHNC-EM-CX-MM, to USATCES, and to DDESB for review and approval, for conducting a removal action for the construction footprint.

6. The point of contact for this action is Garth Anderson, Project Manager, at 816-389-3255.

H. GARTH ANDERSON, P.E.
Project Manager

cf:
Project file

APPENDIX F – PHOTOGRAPHIC LOGS

POTENTIAL LANDFILL AREA
PHOTOGRAPHIC LOG

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brandon Nolan
Date: 11/08/2007
Time: 1153
Direction: North
Comments: Potential Landfill Area during Initial Site Visit.

Photographer: Brad Teaford
Date: 04/15/2008
Time: 0839
Direction: East
Comments: Installation of silt fence.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 0912
Direction: East
Comments: Collecting waste characterization sample at former sample location PL001 with PIKA representatives (to right) observing.

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 0914
Direction: North
Comments: Eastern edge of excavation is marked (in pink). Silt fence is visible in the background.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 0952
Direction: Northwest
Comments: Beginning excavation at northeast corner.

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 0955
Direction: Southeast
Comments: Beginning excavation at northeast corner.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 1021
Direction: Southeast
Comments: PIKA representatives examining initial excavation for UXO hazards.

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 1023
Direction: N/A
Comments: PIKA representative holding piece of ceramic plate found in the excavation.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1037
Direction: East
Comments: Looking along north edge of excavation, while excavating Potential Landfill Area.

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1350
Direction: North
Comments: Stockpile area located south of the excavation at the Potential Landfill Area.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1359
Direction: West
Comments: Looking along north edge of excavation from northeast corner. Excavation is to 4 feet.

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1539
Direction: South
Comments: Looking along east side of excavation.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 054/15/2008
Time: 1613
Direction: North
Comments: Looking along east side of stockpile.

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1708
Direction: N/A
Comments: Excavator bucket pulled up load of soil and transite tiles (visible near teeth).

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 1714
Direction: N/A
Comments: Looking down into excavation at scrap metal and other debris within excavation on south wall - east end, which will be excavated further.

Photographer: Brandon Nolan
Date: 04/15/2008
Time: 1715
Direction: South
Comments: Looking at area within excavation where transite tiles were discovered. Other debris is also visible.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/15/2008
Time: 1812
Direction: South
Comments: Looking from northeast corner of excavation along east side of excavation.

Photographer: Brandon Nolan
Date: 04/16/2008
Time: 0833
Direction: Northeast
Comments: Decontamination pad setup.

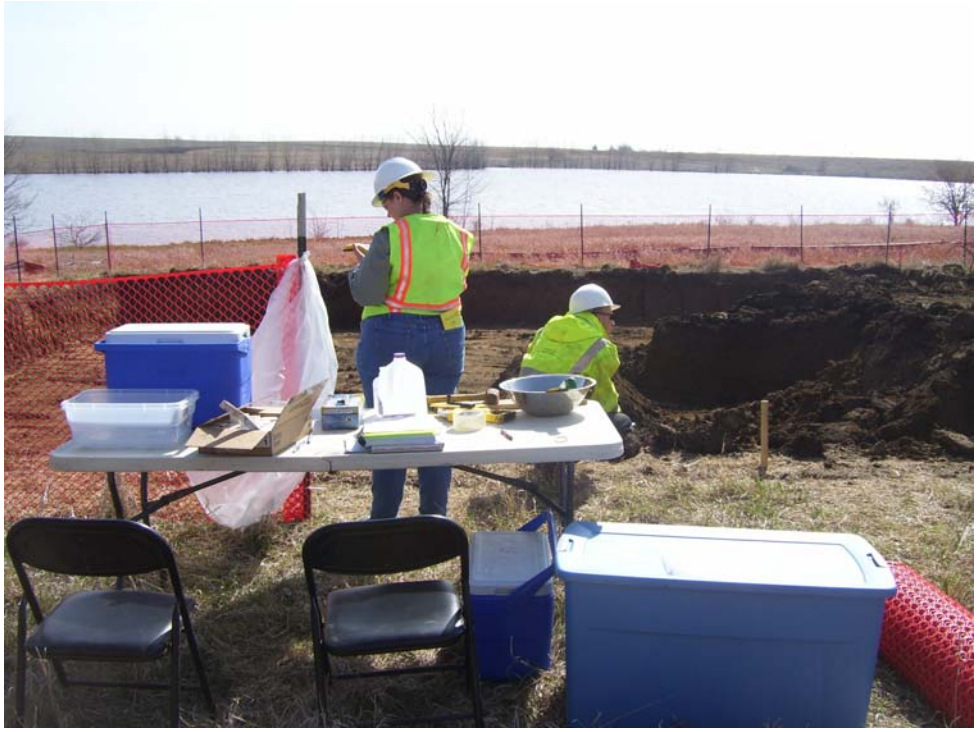
KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/16/2008
Time: 1018
Direction: East
Comments: Sampling station setup.



Photographer: Brad Teaford
Date: 04/16/2008
Time: 1019
Direction: Northeast
Comments: Pile of soil containing transite tiles is shown in left center. Burn pit area is shown in low center.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name:	**Non-Time Critical Removal Action for Operable Unit #3** **Former Nebraska Ordnance Plant, Mead, Nebraska**	Job Number: 07R760
Site Location:	Potential Landfill Area	

Photographer: Brad Teaford
Date: 04/16/2008
Time: 1122
Direction: Southeast
Comments: In process of removing soil with transite tiles and stockpiling it separately.

Photographer: Brad Teaford
Date: 04/16/2008
Time: 1323
Direction: South
Comments: Looking along outside of west edge of excavation. Covered transite tile stockpile is visible in center of photo. Main stockpile is visible in background.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/16/2008
Time: 1451
Direction: East
Comments: Initial excavation is complete. Wooden stakes mark corners of sampling "cells". White wire flags mark sample aliquot locations.

Photographer: Brad Teaford
Date: 04/16/2008
Time: 1451
Direction: North
Comments: Wooden stakes mark corners of sampling "cells". White wire flags mark sample aliquot locations.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Jennifer Shimamoto
Date: 04/16/2008
Time: 1514
Direction: West
Comments: Closeup of west wall including "seam" of burned material and yellow material which continues into unexcavated area.

Photographer: Brad Teaford
Date: 04/17/2008
Time: 1255
Direction: North
Comments: Covered and secured stockpile.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/17/2008
Time: 1255
Direction: East
Comments: South side of stockpile. Note silt fence along south and east side.

Photographer: Brad Teaford
Date: 04/17/2008
Time: 1256
Direction: Northeast
Comments: Wide angle view of stockpile.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/30/2008
Time: 0803
Direction: Northwest
Comments: Loading stockpiled soil onto trucks for disposal.

Photographer: Brad Teaford
Date: 04/30/2008
Time: 0924
Direction: East
Comments: Skid steer pushing stockpile to excavator for loading onto trucks.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/30/2008
Time: 1504
Direction: North
Comments: Excavating an additional one foot of west wall.

Photographer: Brad Teaford
Date: 04/30/2008
Time: 1505
Direction: North
Comments: Moving soil from additional excavation work to stockpile for load out.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 04/30/2008
Time: 1509
Direction: Northwest
Comments: New west wall of excavation after the additional one foot has been removed.

Photographer: Brad Teaford
Date: 05/01/2008
Time: 1415
Direction: North
Comments: Decontaminating the excavator after removal of the main soil stockpile is complete.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 05/06/2008
Time: 1101
Direction: North
Comments: End-dumps hauling in backfill.

Photographer: Brad Teaford
Date: 05/06/2008
Time: 1235
Direction: North
Comments: Skid steer being used to spread backfill in the excavation.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 05/06/2008
Time: 1236
Direction: Northwest
Comments: Compactor being used to compact soil in the excavation.

Photographer: Brad Teaford
Date: 05/13/2008
Time: 0752
Direction: North
Comments: Excavation is filled, compacted, and ready for topsoil.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Brad Teaford
Date: 05/15/2008
Time: 0832
Direction: North
Comments: Tilling topsoil prior to seeding.

Photographer: Brad Teaford
Date: 05/15/2008
Time: 1801
Direction: North
Comments: Broadcasting Kentucky 31 Fescue with Rye Mix grass seed.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Don Hannah
Date: 06/06/2008
Time: 1201
Direction: North
Comments: Silt fence has been removed and trench is being filled back in.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1202
Direction: Southeast
Comments: Placing seed in area where silt fence has been removed.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Don Hannah
Date: 06/06/2008
Time: 1202
Direction: Northwest
Comments: Areas where heavy equipment drove over did not recover grass as quickly or well as other areas. Additional seed was placed in these areas on this date.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1202
Direction: North
Comments: Looking at formerly excavated area.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Don Hannah
Date: 06/06/2008
Time: 1203
Direction: Northwest
Comments: Looking at formerly excavated area.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1203
Direction: Southwest
Comments: Looking at former location of soil stockpile. (Note that soil piles seen in the distance are associated with a separate project.)

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Potential Landfill Area

Photographer: Don Hannah
Date: 06/06/2008
Time: 1204
Direction: North
Comments: Areas where heavy equipment drove over did not recover grass as quickly as other areas (foreground). Additional seed was placed in those areas. Former location of stockpile is visible in middle of photo.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1204
Direction: Northeast
Comments: Areas where heavy equipment drove over did not recover grass as quickly as other areas (foreground). Additional seed was placed in those areas. Former location of stockpile is visible in middle of photo.

LOAD LINE 2
PHOTOGRAPHIC LOG

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brandon Nolan
Date: 11/08/2007
Time: 1336
Direction: North
Comments: Load Line 2 during Initial Site Visit. Wooden stake marks location of waste characterization sample.

Photographer: Brad Teaford
Date: 04/29/2008
Time: 0819
Direction: South
Comments: Excavator removing soil and directly loading trucks.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brad Teaford
Date: 04/29/2008
Time: 0822
Direction: Northeast
Comments: Excavation and truck load out area.

Photographer: Brad Teaford
Date: 04/29/2008
Time: 0944
Direction: North
Comments: Empty and incomplete pipeline discovered 6-inches below ground and 7 feet north of known active natural gas line.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brad Teaford
Date: 04/29/2008
Time: 1046
Direction: Northwest
Comments: Soils ready to be loaded onto trucks. Note yellow paint.

Photographer: Brad Teaford
Date: 04/30/2008
Time: 1452
Direction: North
Comments: Setting flags for composite confirmation sample aliquot locations in completed excavation.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brad Teaford
Date: 05/08/2008
Time: 1715
Direction: North
Comments: Backfilled excavation awaiting topsoil.

Photographer: Brad Teaford
Date: 05/08/2008
Time: 1715
Direction: South
Comments: Backfilled excavation awaiting topsoil.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brad Teaford
Date: 05/14/2008
Time: 0915
Direction: West
Comments: Tilling topsoil prior to seeding.

Photographer: Brad Teaford
Date: 05/14/2008
Time: 1516
Direction: South
Comments: Broadcasting Kentucky 31 Fescue with Rye Mix grass seed.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Brad Teaford
Date: 05/15/2008
Time: 1504
Direction: West
Comments: Watering seed.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1055
Direction: South
Comments: Final site conditions.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Don Hannah
Date: 06/06/2008
Time: 1056
Direction: West
Comments: Final site conditions.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1057
Direction: Northwest
Comments: Final site conditions.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 2

Photographer: Don Hannah
Date: 06/06/2008
Time: 1058
Direction: North
Comments: Final site conditions. Silt fence has been removed, the trench filled in, and seed placed in the bare strip.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1059
Direction: South
Comments: Final site conditions. Silt fence has been removed, the trench filled in, and seed placed in the bare strip.

LOAD LINE 4
PHOTOGRAPHIC LOG

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brandon Nolan
Date: 11/08/2007
Time: 1244
Direction: Northeast
Comments: Load Line 4 during Initial Site Visit. Collecting waste characterization sample.

Photographer: Brad Teaford
Date: 04/14/2008
Time: 1730
Direction: Northeast
Comments: Load Line 4 with silt fence installed.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1245
Direction: Southeast
Comments: Photo from northwest corner of excavation - Soil has been scraped to south half of excavation.

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1245
Direction: East
Comments: Looking along north edge of excavation from northwest corner.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1246
Direction: West
Comments: West wall of excavation is concrete and cannot be sampled.

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1247
Direction: Northeast
Comments: Truck load out area in foreground. Sample station is visible on north end of excavation.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1307
Direction: Southeast
Comments: Equipment decontamination station is set up south of excavation limits.

Photographer: Brad Teaford
Date: 04/28/2008
Time: 1407
Direction: Southwest
Comments: Truck ready to be loaded.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brad Teaford
Date: 05/14/2008
Time: 0833
Direction: Northeast
Comments: Excavation after second round of soil removal (to 2 feet) in 3 of 4 cells.

Photographer: Brad Teaford
Date: 05/15/2008
Time: 1614
Direction: East
Comments: Delivery of backfill.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Brad Teaford
Date: 05/16/2008
Time: 0737
Direction: South
Comments: Excavation after backfilling, topsoil placement, tilling, seeding, and watering have been completed.

Photographer: Brad Teaford
Date: 05/16/2008
Time: 0738
Direction: Southwest
Comments: Excavation after backfilling, topsoil placement, tilling, seeding, and watering have been completed.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Don Hannah
Date: 06/06/2008
Time: 1136
Direction: South
Comments: Final site conditions.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1136
Direction: Northeast
Comments: Final site conditions.

KINGSTON ENVIRONMENTAL COMPANIES
PHOTOGRAPHIC RECORD

Project Name: **Non-Time Critical Removal Action for Operable Unit #3** Job Number: 07R760

Former Nebraska Ordnance Plant, Mead, Nebraska

Site Location: Load Line 4

Photographer: Don Hannah
Date: 06/06/2008
Time: 1137
Direction: North
Comments: Final site conditions.

Photographer: Don Hannah
Date: 06/06/2008
Time: 1137
Direction: North
Comments: Final site conditions. Silt fence has been removed, trench has been filled in, and seed has been placed in bare area.

APPENDIX G – TRANSITE TILES (ASBESTOS-CONTAINING MATERIALS) RELATED DOCUMENTATION

INITIAL TRANSITE DISCOVERY INSPECTION REPORT

STOP WORK INSPECTION DOCUMENTATION FORM

Date: 4-16-08 **Project Name:** MEAD NOP

Project No.: 07R760 **Room/Area Name** Potential Landfill Area

Item Number	TYPE OF MATERIAL	QUANTITY	CONDIDTION ASSESSMENT	Date Observed	Initial of Sign Off
	TRANSITE DEBRIS + SOIL	72 CF	DAMAGED	4/16/08	WCB

☐ **OTHER** TRANSITE is MIXED in with soil, small actual Amount.

This list has been complied with and submitted to the building owner.
Reference to General Conditions of the Contract for Construction, Article 3.15.

ATC Associates Inc.

Nina Brandt

Signature, Authorized Representative

Contractor/Supervisor

Signature, Authorized Representative

TRANSITE TILE ASBESTOS ANALYSIS RESULTS

KINGSTON ENVIRONMENTAL COMPANIES
KINGSTON ENVIRONMENTAL LABORATORY
15450 Hangar Rd., Kansas City, MO 64147
(816) 524-8811 fax (816) 525-5027

POLARIZED LIGHT MICROSCOPY REPORT

Analysis Method: Interim (40 CFR Part 763 Appendix E)/ Improved (EPA-600/R-93/116)
Sample Preparation Method: Chemical reduction for organically bound components, RI determined by dispersion staining method.

Client Information:	Report Date	KEL Project No.	07R760
USACE	4/17/08	Client Project Name:	Nebraska Ordinance Plant
601 E. 12th Street	**Date Sampled**	Client Project Address:	Mead, NE
Kansas City, MO 64106	4/15/08		
Phone #	**Date Received**	# of Samples Received:	3
Fax #	4/17/08	Turn-around Time:	ASAP
Attn: Kirk Baer			

Sample #	Layer #	Physical Description of Subsample	Homo-genous (Y/N)	Asbestos Type/ Visual Estimate %	Non-Asbestos Fiber Type %	Non-Fibrous Type %
1	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous
2	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous
3	1	Transite	Y	14% Chrysotile	None	86% Non-Fibrous

NVLAP LAB CODE 200041-0
END OF REPORT

Georgi Popov
Analyst

Dr. G. Popov
Lab. Director

Notes:
Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detected by PLM. TEM analysis of bulk material is recommended in this case. All asbestos percentages are based on visual estimate technique. The results relate only to the items tested. KEL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for bulk asbestos fiber analysis (PLM). All bulk materials submitted to KEL will be held in storage for a period of 60 days and after that discarded by approved methods.
This report cannot be reproduced without written permission by KEL. This report must not be used by the client to claim a product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
Analysis performed at Kingston Environmental Laboratory (KEL) 15411 Hangar Rd., Building 927, Kansas City, MO 64147

Form B-9

FINAL VISUAL INSPECTION DOCUMENTATION

ASSOCIATES INC.

3712 South 132nd Street
Omaha, Nebraska 68144
www.atcassociates.com
402.697.9747
Fax 402.697.9170

May 21, 2008

US Army Corps of Engineers
Kurt Baer
601 East 12th ST
Kansas City, MO 64106

Dear Mr. Baer,

Please find following the Final Visual Inspection Documentation for the inspection conducted May 21, 2008 in Mead, NE by Mr. Daniel Patlan of ATC. Mr. Patlan's State of Nebraska Asbestos Inspector Number is #961.

Thank you again for the opportunity and we look forward to working with you in the future. If you have any questions or require additional information, please do not hesitate in contacting me at 402-697-9747.

Respectfully,

Molly Goedeker

Molly Goedeker
Director Building Sciences

Enclosure

FINAL VISUAL INSPECTION FORM

Client:		Project Contact:	Location:	Certified Inspector:
US Army Corps of Engineer		Kurt Baer	CR-7 & CR-I, Med, NE	Daniel Patterson
Date:	Time:	Contractor:	Contractor Foreman:	Work Area:
5-21-09	1400	Kingston Enviro Serv.	Anna Johnson	Dirt Pile

Inspection: X First Inspection _____ Reinspection

Representatives Present at Inspection:

Owner's Representative: _____ (Print Name) _____ (Title) _____ (Signature)

ATC Representative: Daniel Patterson (Print Name) Certified Asbestos Inspector (Title) [signature] (Signature)

Contractor Representative: Anna Johnson (Print Name) Supervisor (Title) _____ (Signature)

X All identified asbestos containing materials have been removed from the site. Small amount of asbestos containing transite panels.

_____ The following materials must be removed before demolition can proceed.

State of Nebraska

Department of Health and Human Services
Division of Public Health

Cert Type: Asbestos Inspector

Certificate No. 961 Status: Active

Daniel A Patlan
8305 E St
Omaha NE 68107

Expires: 01/30/2009

Administrator / Licensure Unit

Signature

COMPANY LICENSE

Nebraska Department of Health and Human Services

Asbestos Program Certifies that:
Kingston Environmental Services, Inc., Edward T. Cason, Jr
15450 Hangar Road Kansas City MO 64147

is authorized to serve as a
LICENSED BUSINESS ENTITY
License No. **BEL-329** Expires: **04/21/2009**

SEAL

May we extend our best wishes for the successful completion of asbestos projects in the **State of Nebraska**

PHA-32 (25066) 12/07

Nebraska Department of Health and Human Services

Asbestos Program

This is to certify that Kingston Environmental Services, Inc.
Having submitted satisfactory evidence of compliance with the laws of the State of Nebraska is hereby Granted License No. **BEL-329** to practice as an Asbestos Business Entity

Given under the name and Seal of the Department of Health and Human Services, Division of Public Health, State of Nebraska, issued this date **04/21/2008** and expires on **04/21/2009.**

Douglas A. Gillespie, Program Manager
Office of Environmental Health Hazards and Indoor Air

SEAL

PERMITS

DHHS
Nebraska Department of Health and Human Services
Division of Public Health
State of Nebraska
Dave Heineman, Governor

Nebraska Department of Health and Human Services
Division of Public Health
Environmental Health Unit
Asbestos Program
Phone (402) 471-0386 Fax (402) 471-8833
May 9th, 2008

RECEIVED
MAY 12 2008

Kingston Environmental Services
ATTN: Edward T. Cason Jr., President
15450 Hangar Road
Kansas City, Missouri 64147

RE: **STATE PROJECT NUMBER: 2008-E114 (Update)**
PROJECT NOTICE DATE: May 6th, 2008
BUILDING OWNER: U.S. Corps of Engineers
BUILDING NAME: Former Nebraska Ordnance Plant-OU#3
BUILDING ADDRESS: UNL-Agricultural Research Property
LOCATION/CITY, STATE & ZIP: Mead, Nebraska 68041
ASBESTOS PROJECT DESCRIPTION: Excavation and removal of 72 cu. ft. of soil containing asbestos cement board from the vacant land located at the intersection of County Roads 7 and 'I'. NOTE: Materials will remain wet and soil excavated utilizing a Skid Steer Bobcat Loader which will be loaded into a six mil. poly-lined end dump truck sealed prior to transport.

Dear Mr. Cason,

Nebraska Department of Health and Human Services, Division of Public Health, Environmental Health Unit, Asbestos Program has received your Project Notification and assigned the above-referenced State Project Number to it. **Please list this number on all future correspondence submitted to the Department, including Air Monitoring Reports (as required) and landfill receipts.**

X	1.	Your Project Notification was reviewed and met the requirements of the regulations. Work on the project must begin on the actual asbestos work start date listed in Paragraph 5, Part A of your notification.
X	2.	The Department acknowledges the receipt of your $200 Project Notification Fee. Your CANCELED check is your receipt.
	3.	Your 10-Day Advanced Waiver request is granted.
	4.	Your Emergency Waiver request is granted.
X	5.	Your Project Notification identified this as an asbestos-related Demolition Project. An inspection by an independent third party is required prior to demolition to determine if all ACM has been removed. (018.11 and 018.11A)
	6.	Your Work/Worker Practice Waiver request is granted because the proposed alternative complies with the requirements of the regulations.

On-site project inspections are one way that the Department fulfills its responsibility to protect the health, welfare and safety of asbestos-occupation workers and the general public. Please advise the Department if project work days and hours change from what was written on the original Project Notification so that inspections can be scheduled during active asbestos removal.

Please call (402) 471-0386 if you have any questions or comments.

Respectfully,

Doug Gillespie by Sophie Mills

Doug Gillespie
Health Program Manager
Asbestos Program
DG: srb

DHHS
Nebraska Department of Health and Human Services
Division of Public Health
State of Nebraska
Dave Heineman, Governor

Nebraska Department of Health and Human Services
Division of Public Health
Environmental Health Unit
Asbestos Program
Phone (402) 471-0386 Fax (402) 471-8833
May 7th, 2008

RECEIVED
MAY 1 2 2008

Kingston Environmental Services
ATTN: Edward T. Cason Jr., President
15450 Hangar Road
Kansas City, Missouri 64147

RE: **STATE PROJECT NUMBER: 2008-E114**
PROJECT NOTICE DATE: May 6th, 2008
BUILDING OWNER: U.S. Corps of Engineers
BUILDING NAME: Former Nebraska Ordnance Plant-OU#3
BUILDING ADDRESS: UNL-Agricultural Research Property
LOCATION/CITY, STATE & ZIP: Mead, Nebraska 68041
ASBESTOS PROJECT DESCRIPTION: Excavation and removal of 72 cu. ft. of soil containing asbestos cement board from the vacant land located at the intersection of County Roads 7 and 'I'. **NOTE:** Materials will remain wet and soil excavated utilizing a Skid Steer Bobcat Loader which will be loaded into a six mil. poly-lined end dump truck sealed prior to transport.

Dear Mr. Cason,

Nebraska Department of Health and Human Services, Division of Public Health, Environmental Health Unit, Asbestos Program has received your Project Notification and assigned the above-referenced State Project Number to it. **Please list this number on all future correspondence submitted to the Department, including Air Monitoring Reports (as required) and landfill receipts.**

X 1. Your Project Notification was reviewed and met the requirements of the regulations. Work on the project must begin on the actual asbestos work start date listed in Paragraph 5, Part A of your notification.
___ 2. The Department acknowledges the receipt of your $200 Project Notification Fee. Your CANCELED check is your receipt.
___ 3. Your 10-Day Advanced Waiver request is granted.
___ 4. Your Emergency Waiver request is granted.
X 5. Your Project Notification identified this as an asbestos-related Demolition Project. An inspection by an independent third party is required prior to demolition to determine if all ACM has been removed. (018.11 and 018.11A)
___ 6. Your Work/Worker Practice Waiver request is granted because the proposed alternative complies with the requirements of the regulations.

On-site project inspections are one way that the Department fulfills its responsibility to protect the health, welfare and safety of asbestos-occupation workers and the general public. Please advise the Department if project work days and hours change from what was written on the original Project Notification so that inspections can be scheduled during active asbestos removal.

Please call (402) 471-0386 if you have any questions or comments.

Respectfully,

Doug Gillespie
Health Program Manager
Asbestos Program
DG: srb

NOTIFICATIONS

This form may be completed online.

NESHAP NOTIFICATION OF DEMOLITION AND RENOVATION

Operator Project #	Postmark	Date Received	Notification #

I. TYPE OF NOTIFICAITON (O=Original R=Revised C=Canceled)

II. FACILITY INFORMATION (Indetify owner, removal contractor, and other operator)

OWNER NAME: U.S. Corps of Engineers		
Address: 601 E. 12th St.		
City: Kansas City	State: MO	Zip: 64106
Contact: Natalae Tillman		Tel: (816) 389-3356
REMOVAL CONTRACTOR: Kingston Environmental Services, Inc.		
Address: 15450 Hangar Rd.		
City: Kansas City	State: MO	Zip: 64147
Contact: Dean Parsons		Tel: (816) 524-8811
OTHER OPERATOR:		
Address:		
City:	State:	Zip:
Contact:		Tel:

III. TYPE OF OPERATION (D=Demo O=Ordered Demo R=Renovation E=Emer. Renovation): D

IV. IS ASBESTOS PRESENT? (Yes/No) Yes

V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)

Bldg Name: Former Nebraska Ordnance Plant - OU #3 Soil Removal		
Address: Agricultural Research Property - University of Nebraska - County Road 7 and County Road I		
City: Mead	State: NE	Zip:
Site Location: Vacant Land		
Building Size: N/A	# of Floors: N/A	Age in Years: 50+
Present Use: Potential landfill area	Prior Use: Potential landfill area	

VI. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:

Polarized light microscopy with dispersion light staining

VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING 1. Regulated ACM to be removed 2. Category I ACM NOT removed 3. Category II ACM NOT removed	RACM To Be Removed	Nonfriable Asbestos Material Not To Be Removed		Indicate Unit of Measurement Below	
		Cat I	Cat II	Unit	
Pipes				LnFt:	Ln m:
Surface Area				SqFt:	Sq m:
Vol RACM off Facility Component	72			CuFt: x	Cu m:

VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: 5/21/08 Complete: 5/21/08

IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start: N/A Complete: N/A

X. DESCRIPTION OF DEMOLATION OF RENOVATION WORK, AND METHOD(S) TO BE USED

Soil with cement asbestos board contamination will be excavated for remediation. Soil will be excavated with a skid steer bobcat loader and loaded into a 6 mil poly lined end dump truck, which will be sealed prior to transport.

This is a PDF document from the Nebraska HHS System Website

www.hhs.state.ne.us/puh/enh/asbestor/form5a neshap form.pdf

NESHAP NOTIFICATION OF DEMOLITION AND RENOVATION (continued)

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: ACM contaminated soil will remain wet either naturally or by spraying with water during excavation and loading to prevent emissions.		
XII. WASTE TRANSPORTER #1		
Name: Kingston Environmental Services, Inc.		
Address: 15450 Hangar Road		
City: Kansas City	State: MO	Zip: 64147
Contact: Alvin Haugen		Tel: (816) 935-8524
WASTE TRANSPORTER #2		
Name:		
Address:		
City:	State:	Zip:
Contact:		Tel:
XIII. WASTE DISPOSAL SITE		
Name: Butler County Landfill		
Location: 3588 R Road		
City: David City	State: NE	Zip: 68632
Telephone: (402) 367-4669		
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:		
Name:	Title:	
Authority:		
Date of Order (MM/DD/YY)	Date Ordered to Begin (MM/DD/YY)	
XV. FOR EMERGENCY RENOVATIONS		
Date and Hour of Emergency (MM/DD/YY)		
Description of the Sudden, Unexpected Event:		
Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:		
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER: If the quantity of asbestos material to be removed exceeds the quantity listed in this notification by 20% or more, than a new notification shall be filed with your office.		
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THE REGULATION (40 CFR PART 61, SUBPART H) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS (Required 1 year after Promulgation)		
(Signature of Owner/Operator)		5-6-2008 (Date)
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT		
(Signature of Owner/Operator)		5-6-2008 (Date)

This form may be completed online.

PLU #2828

NEBRASKA DEPARTMENT OF HEALTH & HUMAN SERVICES
DIVISION OF PUBLIC HEALTH – ASBESTOS PROGRAM

ASBESTOS PROJECT NOTIFICATION Supplemental Information required when the NESHAP notification is substituted for the Form 5

When a Licensed Asbestos Business Entity (Contractor) uses the NESHAP notification form in place of Form 5 to notify the Department of an asbestos project, the following supplemental form 5A must be completed, signed by the Chief Executive Officer (original signature), and submitted along with the completed NESHAP form to the Department.

Part A - General Information

1. Location in Building where Project will occur and type of ACM in each location (i.e., basement, 2 rooms in southwest corner, floor tile; second floor, room 15, ceiling plaster)

   Vacant land located at the intersection of County Roads 7 and I. Please see attached map. Soil contaminated with cement asbestos board material is located at potential landfill area (OU3 Soil Removal, Former Nebraska Ordnance Plant).

2. Work Schedule: Check the days you will be working on this project:

   ☐ M ☐ T ☑ W ☐ Th ☐ F ☐ Sat. ☐ Sun.

   Work Schedule Hours: 7:00 am to 3:30 pm

PART B
VERIFICATION FOR LICENSED OR WAIVED BUSINESS ENTITIES

Note: The chief executive officer of the business entity must sign the following statement. Submit the original to the Department.

I hereby verify that the information included in this notification and any supplemental information attached to it is true and accurate to the best of my knowledge and understanding.

I further verify that I will comply with all work practices and worker protection requirements of the Nebraska Asbestos Control Act and Departmental regulations.

05/06/2008
Date

Signature of Chief Executive Officer

Edward T. Cason, Jr.
Print or Type Name

President
Title

Completed NESHAP Notification Form is <u>not</u> acceptable without the supplemental information requested on this page.

Form 5A

This is a PDF document from the Nebraska DHHS System Website

www.hhs.state.ne.us/puh/enh/asbestos/form5a.pdf

Microsoft
Virtual Earth™
Avenue D
Avenue D
7
CR-I
CR-I
CR-I
Potential Landfill Area
excavation
©2008 Microsoft Corp.

SUPERVISOR LICENSE

Nebraska Department of Health and Human Services
Division of Public Health

Licensure Unit • P.O. Box 94986 • Lincoln, NE 68509

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PressureSeal Patents 4,918,128 - 0667

ADDRESS CHANGE FORM

Name _____
First *Middle* *Maiden* *Last*

Old Address _____
Street *City* *State* *Zip*

New Address _____
Street *City* *State* *Zip*

License/Certificate/Registration No. _____ Profession _____

Signature _____

State of Nebraska
Department of Health and Human Services
Division of Public Health

Cert Type: Asbestos Supervisor
Certificate No. 6672 Status: Active

Ana A Johnson
Kingston Environmental Service, Inc
15450 Hangar Rd
Kansas City MO 64147

Expires: 05/01/2009

Signature
Administrator/Licensure Unit

- Please find enclosed your small-sized licensure/certification/registration card, which shows the expiration date. You will be sent written notification of the need to renew your license/certificate/registration at least 30 days in advance of the expiration date.
- Please submit to the Licensure Unit any change of address so that information may promptly reach you.
- If you have a name change or lose your card, please contact the Licensure Unit at 402-471-2115

G

SEE REVERSE SIDE FOR OPENING INSTRUCTIONS

WASTE MANIFEST

ALLIED WASTE INDUSTRIES, INC.

39213

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
US Corp of Engineers
ATTN Natalie Tillman
601 E 12th St.
K.C. MO. 64106

816-389-3356

4. Generator's Phone ( )

Approval Number
BCL-08-022

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler Co. Landfill
3588 R Road
David City NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony And FACM	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger
Signature:
Month 05 Day 21 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meuschke
Signature:
Month 05 Day 21 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman
Signature:
Month 5 Day 21 Year 8

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

Alvin

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	292335	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/21/08	05/21/08	14:36	14:36		

REFERENCE	ORIGIN
TRK K-10	MEAD

Manual Gross Wt.	54160	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	20820	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
10.41	TON	Special Waste /Slud Asbestos	16.25	169.16	13.01	182.17

RECEIVED
MAY 27 2008

PO# _____ DATE 5/28
JOB NAME mead
JOB NUMBER 07R760
ORDERED BY _____
OK'ED BY _____

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load

PO# BCL-08-022

NET AMOUNT 182.17
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

In case of emergency call 816 529-8811

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber. Signature: [signature] Month 05 Day 21 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meuschke Signature: [signature] Month 05 Day 21 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Dee Timmerman Signature: [signature] Month 5 Day 21 Year 8

TRANSPORTER #1

AWI Form # 121

APPENDIX H – EXCAVATION AND STOCKPILE GPS SURVEY DATA

Final Excavation and Stockpile GPS Survey Data

UTM NAD 83 Zone 14N		Site	Location
Easting	Northing		
712310.633	4561477.622	Load Line 2 Excavation	Center of north half of West Wall
712310.799	4561460.674	Load Line 2 Excavation	Center of West Wall
712310.986	4561443.933	Load Line 2 Excavation	Center of south half of West Wall
712313.396	4561424.548	Load Line 2 Excavation	Southwest Corner
712316.052	4561489.009	Load Line 2 Excavation	Center of North Wall
712318.339	4561425.567	Load Line 2 Excavation	Center of South Wall
712323.919	4561456.668	Load Line 2 Excavation	Center of East Wall
712323.972	4561470.873	Load Line 2 Excavation	Center of north half of East Wall
712324.112	4561488.683	Load Line 2 Excavation	Northeast Corner
712324.218	4561437.379	Load Line 2 Excavation	Center of south half of East Wall
712324.261	4561425.541	Load Line 2 Excavation	Southeast Corner
715518.043	4561522.259	Load Line 4 Excavation	Northwest Corner
715518.34	4561513.296	Load Line 4 Excavation	Center of West Wall
715518.734	4561504.035	Load Line 4 Excavation	Southwest Corner
715525.246	4561522.95	Load Line 4 Excavation	Center of North Wall
715525.62	4561503.562	Load Line 4 Excavation	Center of South Wall
715531.976	4561522.469	Load Line 4 Excavation	Northeast Corner
715532.489	4561512.152	Load Line 4 Excavation	Center of East Wall
715532.65	4561503.507	Load Line 4 Excavation	Southeast Corner
716777.64	4561645.235	Potential Landfill Excavation	Center of West Wall
716777.692	4561635.777	Potential Landfill Excavation	Southwest Corner
716777.975	4561654.102	Potential Landfill Excavation	Northwest Corner
716786.022	4561635.401	Potential Landfill Excavation	Center of South Wall
716787.341	4561654.219	Potential Landfill Excavation	Center of North Wall
716796.159	4561653.822	Potential Landfill Excavation	Northeast Corner
716796.254	4561644.317	Potential Landfill Excavation	Center of East Wall
716796.422	4561635.416	Potential Landfill Excavation	Southeast Corner
716771.709	4561607.121	Potential Landfill Stockpile	Southwest Corner
716775.441	4561634.318	Potential Landfill Stockpile	Northwest Corner
716785.438	4561604.381	Potential Landfill Stockpile	Southeast Corner
716791.065	4561632.909	Potential Landfill Stockpile	Northeast Corner
716771.426	4561638.356	Potential Landfill Transite Tiles Stockpile	Southwest Corner
716772.813	4561641.561	Potential Landfill Transite Tiles Stockpile	Northwest Corner
716775.929	4561637.7	Potential Landfill Transite Tiles Stockpile	Southeast Corner
716776.376	4561641.798	Potential Landfill Transite Tiles Stockpile	Northeast Corner

All coordinates were surveyed using a Trimble GeoXT GPS Unit with submeter field accuracy.
Note that western limit coordinates for Load Line 2 may have been affected by building proximity.

APPENDIX I – QUALITY CONTROL SUMMARY REPORT

Kingston Environmental Services, Inc.

F I N A L

Q U A L I T Y C O N T R O L S U M M A R Y R E P O R T

NON-TIME CRITICAL REMOVAL ACTION
FOR OPERABLE UNIT (OU) #3
FORMER NEBRASKA ORDNANCE PLANT
MEAD, NEBRASKA

Prepared for:

U.S. ARMY CORPS OF ENGINEERS
KANSAS CITY DISTRICT
KANSAS CITY, MISSOURI

CONTRACT NO. W912DQ-07-D-0015

November 2008

15450 Hangar Road, Kansas City, MO 64147
816-524-8811 Fax: 816-525-5027

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APPENDICES

Appendix A Chain of Custodies
Appendix B Daily Field Quality Control Reports
Appendix C Analytical Data CD

LIST OF ACRONYMS

% REC	Percent Recovery
COC	Chain of Custody
ID	Identification
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LQMP	Laboratory Quality Management Plan
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NOP	Nebraska Ordnance Plant
OU	Operable Unit
QAPP	Quality Assurance Project Plan
QCSR	Quality Control Summary Report
RPD	Relative Percent Difference
USACE	United States Army Corps of Engineers

1.0 INTRODUCTION

This Quality Control Summary Report (QCSR) was prepared by Kingston Environmental Services Inc., (Kingston) for the United States Army Corps of Engineers (USACE), Kansas City District under Contract W912DQ-07-D-0015, Task Order 0001. This QCSR is prepared for the sampling and analysis related to excavation and off-site disposal of operable unit (OU) #3 contaminated soils at the former Nebraska Ordnance Plant (NOP) in Mead, Nebraska.

In addition to Federal, State, and local regulatory requirements, all work described in this QCSR was be performed in compliance with the USACE *Requirements for the Preparation of Sampling and Analysis Plans*, EM 200-1-3 (USACE, 2001a) to the extent applicable. The purpose of the QCSR is to provide a comprehensive description of field sampling and the consequent analysis of the samples associated with the excavation and off-site disposal at the former NOP site.

This QCSR is a summary of the chemical data quality review for the completion of the NOP OU3 project. Samples were analyzed for one or more of the constituents as specified in the Quality Assurance Project Plan (QAPP) (KES, 2008). All analyses were performed by Teklab of Collinsville, Illinois.

Table 1-1 presents the sampled surface soil locations, corresponding sample identifications (IDs), and required analyses. The Chain of Custody records (COC) and field quality control reports are included as Appendices A and B, respectively. Appendix C contains a CD with analytical data, including summary forms and raw data.

2.0 FIELD SAMPLING ACTIVITIES

After removal of the contaminated soil, but prior to backfilling, Kingston performed confirmatory sampling to verify cleanup goals have been attained. Confirmatory sampling was performed in accordance with the approved Field Sampling Plan (KES, 2008).

Table 2-1 provides the following sample collection information listed by date sampled and laboratory sample ID for ease of comparison to laboratory data packages and field notes:

- QC sample information;
- MS/MSD sample information;
- A cross-reference between laboratory sample IDs and field sample IDs;
- Reporting Batch (RB) numbers;
- Dates of sample collection and sample receipt by the laboratory;
- COC number; and
- Requested analyses.

3.0 ANALYTICAL RESULTS

A summary of the analytical results is presented in Table 3-1 as specified in the QAPP. Field duplicate results, matrix spike (MS) and matrix spike duplicates (MSDs) are also presented in Table 3-1.

4.0 DATA QUALITY EVALUATION PROCEDURES

The following subsections present results of the data quality evaluation. This evaluation was performed in accordance with the Kansas City District Data Quality Evaluation Guidance (USACE, 2003) and the Data Quality Evaluation Guidance, USACE CENWK-EC-EF (USACE, 2001b). Qualifiers were assigned based on laboratory QC criteria. The data quality evaluated results are presented in Tables 3-1 according to field sample ID.

4.1 SAMPLE RECEIPT AT THE LABORATORY

The samples were properly preserved and the sample coolers were received within the recommended temperature range of 4 ± 2 °C. Confirmation samples from Load Line 4 were originally collected on 4/28/08. However during shipment of these samples, the cooler handle, which had the shipping label attached to it, apparently separated from the sample cooler, resulting in the cooler being lost for a day in shipment. Therefore it was determined that Load Line 4 should be resampled. Another round of confirmation samples were collected from Load Line 4 the following day (4/29/08) and shipped to the laboratory without incident.

4.2 HOLDING TIMES

All samples were extracted and analyzed within method-specific holding times.

4.3 TUNING AND CALIBRATION

According to the Kansas City District Data Quality Evaluation Guidance (USACE, 2003), assessment of tuning and calibration information is not required at validation. No deviations from method or Laboratory Quality Management Plan (LQMP) specifications for the calibration and tuning of pertinent instrumentation were reported by the laboratory in the project-specific case narrative.

4.4 LABORATORY METHOD BLANKS

A laboratory method blank is an analyte-free matrix that is carried through the entire preparation and analysis sequence for the purpose of identifying potential contamination. In accordance with the Kansas City District Data Quality Evaluation Guidance (USACE, 2003), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the associated blank. For common laboratory contaminants, results are qualified as described above if the concentration in the sample is less than ten times the concentration in the associated blank. Sample results that are either non-detect (U), or greater than five times the blank result do not require qualification. Method blanks were analyzed with each sample batch for all analyses.

4.5 SURROGATES

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) and prior to analysis (for non-extractable

methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for each sample.

All samples were spiked with appropriate surrogate compounds. All surrogate results were within the respective % REC limits.

4.6 LABORATORY CONTROL SAMPLE / LABORATORY CONTROL SAMPLE DUPLICATE

A laboratory control sample (LCS) consists of a matrix similar to that of the field sample. The LCS is spiked with known concentrations of analytes. The LCS % REC is a measure of the method accuracy.

In accordance with the Kansas City District Data Quality Evaluation Guidance (USACE, 2003), results for non-contaminants of concern are J-coded if % RECs are outside laboratory criteria, but within the limits specified in the QAPP. Results are R-coded if % RECs are outside these ranges, unless a corrective action is performed or additional batch QC is available which demonstrates recoveries within the specified range.

All LCS and/or laboratory control sample duplicate (LCSD) % RECs were within laboratory QC limits.

4.7 MATRIX SPIKE / MATRIX SPIKE DUPLICATE

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the relative percent difference (RPD). These results are also compared against the unspiked portion of the sample for % REC of the spiked analytes.

All MS/MSD % RECs and RPDs were within laboratory QC limits.

4.8 FIELD DUPLICATE RESULTS

Field duplicate results provide information on the reproducibility of field sample results and account for error introduced from handling, shipping, storage, preparation, and analysis of field samples.

In accordance with the Data Quality Evaluation Guidance, USACE CENWK-EC-EF (USACE, 2001b), data are not qualified based solely on field duplicate sample results. Results within a factor of two of each other are considered to be in agreement. Results between a factor of two to three of each other are considered a minor discrepancy, and results greater than a factor of three are considered a major discrepancy.

All field duplicate results were within a factor of two of each other. Field duplicate results are presented in Table 2-1.

4.9 DILUTIONS AND REANALYSES

The contaminant of concern concentrations generally did not require dilutions and reanalyses. However, some of the antimony confirmation samples had a dilution factor other than 1 and are listed in Table 3-2.

4.10 LABORATORY QUALIFIERS

Analytes detected below the quantitation limit or reporting limit but above the lowest level of detection were quantified and results were assigned an estimated (J) qualifier by the laboratory.

These qualifiers were carried over by the validator and were not used to determine analytical completeness or project completeness.

5.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for the NOP OU3 confirmation sampling event. All completeness goals are established in the QAPP (KES, 2008).

5.1 FIELD COMPLETENESS

Field completeness for sample collection is assessed by comparing the number of samples collected to the number of samples planned for collection. Two confirmation samples from Load Line 2 and Load Line 4 could not be collected due to unexpected obstacles (concrete pad on west wall at each site). However, the two samples are not considered as critical samples, since the goal was the removal of the contaminated soil. Therefore, field completeness for soil samples is considered to be 100%. The overall field completeness percentage is therefore 100%.

Non-critical deviations from planned sampling activities included:

- Samples were not collected from the west walls of the excavations at Load Line 2 or Load Line 4 due to the presence of concrete.
- Three additional confirmation samples were collected from Load Line 4 after additional excavation was performed to remove concentrations of Antimony above the removal goal.
- One additional confirmation sample was collected from the Potential Landfill Area after additional excavation was performed to remove concentrations of Antimony above the removal goal.

5.2 ANALYTICAL COMPLETENESS

Acceptable data is a measure of laboratory contract compliance. Acceptable data includes data that has not been rejected or qualified as estimated (J). Qualified data is considered acceptable if appropriate corrective actions were taken by the laboratory. The acceptable data completeness percentage for the contaminant of concern (Antimony) was 100%. The analyses exceed the acceptable data completeness goal of 90%.

Quality data is a measure of the percentage of usable data. Quality data includes all data except rejected data points, and does not include analyses for which replacement data points are available. Quality data completeness percentage for Antimony is 100%, and quality data completeness percentage for backfill verification analytical procedures is 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Quality data completeness percentage for method blanks and laboratory spike samples is 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Overall quality data completeness is 100%, which exceeds the overall quality data completeness goal of 80%.

Table 4-1 presents acceptable and quality data completeness.

5.3 PROJECT COMPLETENESS

Project completeness combines sampling and analytical completeness percentages to assess the success in achieving the expectations of the project as a whole. Project completeness is determined by comparing the percentage of usable samples/measurements to the percentage of planned or observed samples/measurements. For the field completeness portion, this involves comparison of the number of samples properly collected to the number of samples planned for collection. For the analytical data completeness portion, this involves comparison of the number of usable data points to the number of observed data points. The field completeness and analytical completeness (quality data) completeness percentages are used to calculate the project completeness percentage. Project completeness is 100%, which is above the project completeness goal of 100%.

Table 5-1 presents project completeness.

6.0 CONCLUSIONS

Data are valid for use as qualified. Overall field completeness is 100%, acceptable data completeness is 100%, quality data completeness is 100%, and project completeness is 100%.

7.0 REFERENCES

Kingston Environmental Services, Inc. (KES), 2008. *Draft Final Work Plan, Non-Time Critical Removal Action for Operable Unit (OU) #3, Nebraska Ordnance Plant, Mead, Nebraska*. April.

United States Army Corps of Engineers (USACE), 2001a. *Requirements for Preparation and Sampling and Analysis Plans.* Engineer Manual No. 200-1-3. February.

United States Army Corps of Engineers (USACE), 2001b. *Data Quality Evaluation Guidance*, USACE CENWK-EC-EF, July.

United States Army Corps of Engineers (USACE), 2003. *Kansas City District Data Quality Evaluation Guidance.* August.

TABLES

TABLE 1-1
Sampled Surface Soil Locations, Corresponding Sample Identifications (IDs), and Required Analyses

Surface Sampling Locations	Sample IDs	Analyses
LL2-001-FS-0408-C	08050058-001A	Antimony
LL2-002-FS-0408-C	08050058-002A	Antimony
LL2-003-FS-0408-C	08050058-003A	Antimony
LL2-005-FS-0408-C	08050058-004A	Antimony
LL2-006-FS-0408-C	08050058-005A	Antimony
LL2-007-FS-0408-C	08050058-006A	Antimony
LL2-008-FS-0408-C	08050058-008A	Antimony
LL2-009-FS-0408-C	08050058-009A	Antimony
LL2-010-FS-0408-C	08050058-010A	Antimony
LL2-011-FS-0408-C	08050058-011A	Antimony
LL2-012-FS-0408-C	08050058-012A	Antimony
LL2-013-FS-0408-C	08050058-013A	Antimony
LL2-014-FS-0408-C	08050058-014A	Antimony
LL2-015-FS-0408-C	08050058-007A	Antimony
LL4-001-FS-0408-C	08041087-001A	Antimony
LL4-002-FS-0408-C	08041087-002A	Antimony
LL4-003-FS-0408-C	08041087-003A	Antimony
LL4-005-FS-0408-C	08041087-004A	Antimony
LL4-006-FS-0408-C	08041087-005A	Antimony
LL4-007-FS-0408-C	08041087-006A	Antimony
LL4-008-FS-0408-C	08041087-008A	Antimony
LL4-009-FS-0408-C	08041087-007A	Antimony
LL4-010-FS-0508-C	08050456-001A	Antimony
LL4-011-FS-0508-C	08050456-002A	Antimony
LL4-012-FS-0508-C	08050456-003A	Antimony
PLA-001-FS-0408-C	08040667-001A	Antimony
PLA-002-FS-0408-C	08040667-002A	Antimony
PLA-003-FS-0408-C	08040667-003A	Antimony
PLA-004-FS-0408-C	08040667-004A	Antimony
PLA-005-FS-0408-C	08040667-005A	Antimony
PLA-006-FS-0408-C	08040667-007A	Antimony
PLA-007-FS-0408-C	08040667-008A	Antimony
PLA-008-FS-0408-C	08040667-009A	Antimony
PLA-009-FS-0408-C	08040667-010A	Antimony
PLA-010-FS-0408-C	08040667-006A	Antimony
PLA-011-FS-0508-C	08050060-001A	Antimony

TABLE 2-1
Field Sampling Activities

Field Sample ID	COC Number	Collection Date	Lab Receive Date	Requested Analyses								
				Antimony	TCL SVOCs 8270 S	VOCs 8260 S	Pesticides 8081 S	PCB 8082 S	TAL Metals (6010, 7471) S	TCLP & RCRA Metals	TCLP Volatiles	TCLP Semi-Volatiles
08050058-013AMS		5/2/2008	5/2/2008	✓								
08050058-013AMSD		5/2/2008	5/2/2008	✓								
LCS-44573		5/2/2008	5/2/2008	✓								
LL2-001-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-002-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-003-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-005-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-006-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-007-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-008-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-009-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-010-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-011-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
LL2-012-FS-0408-C	8050058	5/1/2008	5/2/2008	✓								
LL2-013-FS-0408-C	8050058	5/1/2008	5/2/2008	✓								
LL2-014-FS-0408-C	8050058	5/1/2008	5/2/2008	✓								
LL2-015-FS-0408-C	8050058	4/30/2008	5/2/2008	✓								
MB-44573				✓								
08041087-005AMS		4/30/2008	4/30/2008	✓								
08041087-005AMSD		4/30/2008	4/30/2008	✓								
LCS-44522		4/30/2008	4/30/2008	✓								
LL4-001-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-002-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-003-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-005-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-006-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-007-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
LL4-008-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								

TABLE 2-1
Field Sampling Activities

Field Sample ID	COC Number	Collection Date	Lab Receive Date	Requested Analyses								
				Antimony	TCL SVOCs 8270 S	VOCs 8260 S	Pesticides 8081 S	PCB 8082 S	TAL Metals (6010, 7471) S	TCLP & RCRA Metals	TCLP Volatiles	TCLP Semi-Volatiles
LL4-009-FS-0408-C	8041087	4/29/2008	4/30/2008	✓								
MB-44522				✓								
08050456-003AMS		5/13/2008	5/13/2008	✓								
08050456-003AMSD		5/13/2008	5/13/2008	✓								
LCS-44830		5/13/2008	5/13/2008	✓								
LL4-010-FS-0508-C	8050456	5/12/2008	5/13/2008	✓								
LL4-011-FS-0508-C	8050456	5/12/2008	5/13/2008	✓								
LL4-012-FS-0508-C	8050456	5/12/2008	5/13/2008	✓								
MB-44830		5/13/2008	5/13/2008	✓								
08040667-010AMS		4/17/2008	4/17/2008	✓								
08040667-010AMSD		4/17/2008	4/17/2008	✓								
LCS-44190		4/17/2008	4/17/2008	✓								
MB-44190		4/17/2008	4/17/2008	✓								
PLA-001-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-002-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-003-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-004-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-005-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-006-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-007-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-008-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-009-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
PLA-010-FS-0408-C	8040667	4/16/2008	4/17/2008	✓								
08050060-001AMS		5/2/2008	5/2/2008	✓								
08050060-001AMSD		5/2/2008	5/2/2008	✓								
LCS-44573		5/2/2008	5/2/2008	✓								
MB-44573		5/2/2008	5/2/2008	✓								
PLA-011-FS-0508-C	8050060	5/1/2008	5/2/2008	✓								

TABLE 2-2
Field Sampling Activities

Field ID	Sample Blanks	Sample Spikes	COC Number	Lab ID	Run Batch	Lab Reporting	QC Notes
		08050058-013AMS		08050058-013AMS	107676	8050058	
		08050058-013AMSD		08050058-013AMSD	107676	8050058	
		LCS-44573		LCS-44573	107676	8050058	
LL2-001-FS-0408-C			8050058	08050058-001A	107676	8050058	
LL2-002-FS-0408-C			8050058	08050058-002A	107676	8050058	
LL2-003-FS-0408-C			8050058	08050058-003A	107676	8050058	
LL2-005-FS-0408-C			8050058	08050058-004A	107676	8050058	
LL2-006-FS-0408-C			8050058	08050058-005A	107676	8050058	
LL2-007-FS-0408-C			8050058	08050058-006A	107676	8050058	
LL2-008-FS-0408-C			8050058	08050058-008A	107676	8050058	
LL2-009-FS-0408-C			8050058	08050058-009A	107676	8050058	
LL2-010-FS-0408-C			8050058	08050058-010A	107676	8050058	
LL2-011-FS-0408-C			8050058	08050058-011A	107676	8050058	
LL2-012-FS-0408-C			8050058	08050058-012A	107676	8050058	
LL2-013-FS-0408-C			8050058	08050058-013A	107676	8050058	MS/MSD collected
LL2-014-FS-0408-C			8050058	08050058-014A	107676	8050058	
LL2-015-FS-0408-C			8050058	08050058-007A	107676	8050058	Duplicate of LL2-007-FS-0408-C
	MB-44573			MB-44573	107676	8050058	
		08041087-005AMS		08041087-005AMS	107569	8041087	
		08041087-005AMSD		08041087-005AMSD	107569	8041087	
		LCS-44522		LCS-44522	107569	8041087	
LL4-001-FS-0408-C			8041087	08041087-001A	107569	8041087	
LL4-002-FS-0408-C			8041087	08041087-002A	107569	8041087	
LL4-003-FS-0408-C			8041087	08041087-003A	107569	8041087	
LL4-005-FS-0408-C			8041087	08041087-004A	107569	8041087	
LL4-006-FS-0408-C			8041087	08041087-005A	107569	8041087	MS/MSD collected
LL4-007-FS-0408-C			8041087	08041087-006A	107569	8041087	
LL4-008-FS-0408-C			8041087	08041087-008A	107569	8041087	
LL4-009-FS-0408-C			8041087	08041087-007A	107569	8041087	Duplicate of LL4-007-FS-0408-C
	MB-44522			MB-44522	107569	8041087	
		08050456-003AMS		08050456-003AMS	108113	44830	
		08050456-003AMSD		08050456-003AMSD	108113	44830	
		LCS-44830		LCS-44830	108113	44830	
LL4-010-FS-0508-C			8050456	08050456-001A	108113	44830	
LL4-011-FS-0508-C			8050456	08050456-002A	108113	44830	

TABLE 2-2
Field Sampling Activities

Field ID	Sample Blanks	Sample Spikes	COC Number	Lab ID	Run Batch	Lab Reporting	QC Notes
LL4-012-FS-0508-C			8050456	08050456-003A	108113	44830	MS/MSD collected
	MB-44830			MB-44830	108113	44830	
		08040667-010AMS		08040667-010AMS	106983	8040667	
		08040667-010AMSD		08040667-010AMSD	106983	8040667	
		LCS-44190		LCS-44190	106983	8040667	
	MB-44190			MB-44190	106983	8040667	
PLA-001-FS-0408-C			8040667	08040667-001A	106983	8040667	
PLA-002-FS-0408-C			8040667	08040667-002A	106983	8040667	
PLA-003-FS-0408-C			8040667	08040667-003A	106983	8040667	
PLA-004-FS-0408-C			8040667	08040667-004A	106983	8040667	
PLA-005-FS-0408-C			8040667	08040667-005A	106983	8040667	
PLA-006-FS-0408-C			8040667	08040667-007A	106983	8040667	
PLA-007-FS-0408-C			8040667	08040667-008A	106983	8040667	
PLA-008-FS-0408-C			8040667	08040667-009A	106983	8040667	
PLA-009-FS-0408-C			8040667	08040667-010A	106983	8040667	MS/MSD collected
PLA-010-FS-0408-C			8040667	08040667-006A	106983	8040667	Duplicate of PLA-005-FS-0408-C
		08050060-001AMS		08050060-001AMS	107676	8050060	
		08050060-001AMSD		08050060-001AMSD	107676	8050060	
		LCS-44573		LCS-44573	107676	8050060	
	MB-44573			MB-44573	107676	8050060	
PLA-011-FS-0508-C			8050060	08050060-001A	107676	8050060	

Table 3-1
Analytical Results

Client Sample ID	Lab Method ID	Analysis Type	Lab Sample ID	Lab ID	Client Analyte ID	Analyte Name	Result	Result Units	Lab Qualifier	Detect Limit	Detect Limit Type	Analyte Type	% Recov	RPD	Report Limit	Report Limit Type	Rep Result
08050058-013AMS	7041	1RES	08050058-013AMS	Teklab	7440-36-0	Antimony	2.49	mg/Kg	S	0.16	MDL	SPK	51.2		0.48	PQL	YES
08050058-013AMSD	7041	1RES	08050058-013AMSD	Teklab	7440-36-0	Antimony	2.51	mg/Kg	S	0.16	MDL	SPK	51.9	0.714	0.48	PQL	YES
LCS-44573	7041	1RES	LCS-44573	Teklab	7440-36-0	Antimony	3.26	mg/Kg		0.17	MDL	SPK	108.8		0.5	PQL	YES
LL2-001-FS-0408-C	7041	1RES	08050058-001A	Teklab	7440-36-0	Antimony	1.28	mg/Kg		0.16	MDL	TRG			0.47	PQL	YES
LL2-002-FS-0408-C	7041	1RES	08050058-002A	Teklab	7440-36-0	Antimony	11	mg/Kg		0.85	MDL	TRG			2.5	PQL	YES
LL2-003-FS-0408-C	7041	1RES	08050058-003A	Teklab	7440-36-0	Antimony	1.16	mg/Kg		0.16	MDL	TRG			0.48	PQL	YES
LL2-005-FS-0408-C	7041	1RES	08050058-004A	Teklab	7440-36-0	Antimony	1.06	mg/Kg		0.16	MDL	TRG			0.46	PQL	YES
LL2-006-FS-0408-C	7041	1RES	08050058-005A	Teklab	7440-36-0	Antimony	1.06	mg/Kg		0.16	MDL	TRG			0.46	PQL	YES
LL2-007-FS-0408-C	7041	1RES	08050058-006A	Teklab	7440-36-0	Antimony	5.37	mg/Kg		0.31	MDL	TRG			0.91	PQL	YES
LL2-008-FS-0408-C	7041	1RES	08050058-008A	Teklab	7440-36-0	Antimony	2.22	mg/Kg		0.17	MDL	TRG			0.49	PQL	YES
LL2-009-FS-0408-C	7041	1RES	08050058-009A	Teklab	7440-36-0	Antimony	6.43	mg/Kg		0.33	MDL	TRG			0.98	PQL	YES
LL2-010-FS-0408-C	7041	1RES	08050058-010A	Teklab	7440-36-0	Antimony	9.72	mg/Kg		0.77	MDL	TRG			2.27	PQL	YES
LL2-011-FS-0408-C	7041	1RES	08050058-011A	Teklab	7440-36-0	Antimony	13.8	mg/Kg		0.85	MDL	TRG			2.5	PQL	YES
LL2-012-FS-0408-C	7041	1RES	08050058-012A	Teklab	7440-36-0	Antimony	1.97	mg/Kg		0.17	MDL	TRG			0.5	PQL	YES
LL2-013-FS-0408-C	7041	1RES	08050058-013A	Teklab	7440-36-0	Antimony	1.01	mg/Kg	S	0.16	MDL	TRG			0.48	PQL	YES
LL2-014-FS-0408-C	7041	1RES	08050058-014A	Teklab	7440-36-0	Antimony	1.11	mg/Kg		0.16	MDL	TRG			0.48	PQL	YES
LL2-015-FS-0408-C	7041	1RES	08050058-007A	Teklab	7440-36-0	Antimony	7.23	mg/Kg		0.31	MDL	TRG			0.93	PQL	YES
MB-44573	7041	1RES	MB-44573	Teklab	7440-36-0	Antimony	0.5	mg/Kg		0.17	MDL	MB	0		0.5	PQL	YES
08041087-005AMS	7041	1RES	08041087-005AMS	Teklab	7440-36-0	Antimony	24.7	mg/Kg	S	3.4	MDL	SPK	207.3		10	PQL	YES
08041087-005AMSD	7041	1RES	08041087-005AMSD	Teklab	7440-36-0	Antimony	24.1	mg/Kg	S	3.4	MDL	SPK	185.8	2.64	10	PQL	YES
LCS-44522	7041	1RES	LCS-44522	Teklab	7440-36-0	Antimony	3.26	mg/Kg		0.17	MDL	SPK	108.7		0.5	PQL	YES
LL4-001-FS-0408-C	7041	1RES	08041087-001A	Teklab	7440-36-0	Antimony	19.4	mg/Kg		1.63	MDL	TRG			4.81	PQL	YES
LL4-002-FS-0408-C	7041	1RES	08041087-002A	Teklab	7440-36-0	Antimony	1.57	mg/Kg		0.16	MDL	TRG			0.48	PQL	YES
LL4-003-FS-0408-C	7041	1RES	08041087-003A	Teklab	7440-36-0	Antimony	25.7	mg/Kg		3.21	MDL	TRG			9.43	PQL	YES
LL4-005-FS-0408-C	7041	1RES	08041087-004A	Teklab	7440-36-0	Antimony	34.4	mg/Kg		3.4	MDL	TRG			10	PQL	YES
LL4-006-FS-0408-C	7041	1RES	08041087-005A	Teklab	7440-36-0	Antimony	18.5	mg/Kg	S	3.4	MDL	TRG			10	PQL	YES
LL4-007-FS-0408-C	7041	1RES	08041087-006A	Teklab	7440-36-0	Antimony	29.2	mg/Kg		1.63	MDL	TRG			4.81	PQL	YES
LL4-008-FS-0408-C	7041	1RES	08041087-008A	Teklab	7440-36-0	Antimony	83.8	mg/Kg		6.42	MDL	TRG			18.9	PQL	YES
LL4-009-FS-0408-C	7041	1RES	08041087-007A	Teklab	7440-36-0	Antimony	34.5	mg/Kg		3.4	MDL	TRG			10	PQL	YES
MB-44522	7041	1RES	MB-44522	Teklab	7440-36-0	Antimony	0.5	mg/Kg		0.17	MDL	MB	0		0.5	PQL	YES
08050456-003AMS	7041	1RES	08050456-003AMS	Teklab	7440-36-0	Antimony	18700	ug/Kg	S	0.85	MDL	SPK	165.6		2.5	PQL	YES
08050456-003AMSD	7041	1RES	08050456-003AMSD	Teklab	7440-36-0	Antimony	18500	ug/Kg	S	0.85	MDL	SPK	159	1.08	2.5	PQL	YES
LCS-44830	7041	1RES	LCS-44830	Teklab	7440-36-0	Antimony	3160	ug/Kg		0.17	MDL	SPK	105.3		0.5	PQL	YES
LL4-010-FS-0508-C	7041	1RES	08050456-001A	Teklab	7440-36-0	Antimony	1.02	mg/Kg		0.17	MDL	TRG			0.49	PQL	YES
LL4-011-FS-0508-C	7041	1RES	08050456-002A	Teklab	7440-36-0	Antimony	1.54	mg/Kg		0.16	MDL	TRG			0.47	PQL	YES
LL4-012-FS-0508-C	7041	1RES	08050456-003A	Teklab	7440-36-0	Antimony	13.7	mg/Kg	S	0.85	MDL	TRG			2.5	PQL	YES
MB-44830	7041	1RES	MB-44830	Teklab	7440-36-0	Antimony	500	ug/Kg		0.17	MDL	MB	0		0.5	PQL	YES
08040667-010AMS	7041	1RES	08040667-010AMS	Teklab	7440-36-0	Antimony	5.24	mg/Kg	S	0.33	MDL	SPK	145		0.98	PQL	YES
08040667-010AMSD	7041	1RES	08040667-010AMSD	Teklab	7440-36-0	Antimony	4.83	mg/Kg	S	0.33	MDL	SPK	131.3	8.03	0.98	PQL	YES
LCS-44190	7041	1RES	LCS-44190	Teklab	7440-36-0	Antimony	3.53	mg/Kg		0.17	MDL	SPK	117.5		0.5	PQL	YES
MB-44190	7041	1RES	MB-44190	Teklab	7440-36-0	Antimony	0.5	mg/Kg		0.17	MDL	MB	0		0.5	PQL	YES

Table 3-1
Analytical Results

Client Sample ID	Lab Method ID	Analysis Type	Lab Sample ID	Lab ID	Client Analyte ID	Analyte Name	Result	Result Units	Lab Qualifier	Detect Limit	Detect Limit Type	Analyte Type	% Recov	RPD	Report Limit	Report Limit Type	Rep Result
PLA-001-FS-0408-C	7041	1RES	08040667-001A	Teklab	7440-36-0	Antimony	0.47	mg/Kg	J	0.16	MDL	TRG			0.48	PQL	YES
PLA-002-FS-0408-C	7041	1RES	08040667-002A	Teklab	7440-36-0	Antimony	1.21	mg/Kg		0.15	MDL	TRG			0.45	PQL	YES
PLA-003-FS-0408-C	7041	1RES	08040667-003A	Teklab	7440-36-0	Antimony	1.1	mg/Kg		0.17	MDL	TRG			0.49	PQL	YES
PLA-004-FS-0408-C	7041	1RES	08040667-004A	Teklab	7440-36-0	Antimony	41.7	mg/Kg		3.4	MDL	TRG			10	PQL	YES
PLA-005-FS-0408-C	7041	1RES	08040667-005A	Teklab	7440-36-0	Antimony	0.97	mg/Kg		0.17	MDL	TRG			0.49	PQL	YES
PLA-006-FS-0408-C	7041	1RES	08040667-007A	Teklab	7440-36-0	Antimony	2.89	mg/Kg		0.16	MDL	TRG			0.46	PQL	YES
PLA-007-FS-0408-C	7041	1RES	08040667-008A	Teklab	7440-36-0	Antimony	1.52	mg/Kg		0.31	MDL	TRG			0.93	PQL	YES
PLA-008-FS-0408-C	7041	1RES	08040667-009A	Teklab	7440-36-0	Antimony	2.85	mg/Kg		0.17	MDL	TRG			0.5	PQL	YES
PLA-009-FS-0408-C	7041	1RES	08040667-010A	Teklab	7440-36-0	Antimony	0.97	mg/Kg	S	0.17	MDL	TRG			0.49	PQL	YES
PLA-010-FS-0408-C	7041	1RES	08040667-006A	Teklab	7440-36-0	Antimony	0.85	mg/Kg		0.16	MDL	TRG			0.47	PQL	YES
08050060-001AMS	7041	1RES	08050060-001AMS	Teklab	7440-36-0	Antimony	1.99	mg/Kg	S	0.17	MDL	SPK	47.6		0.5	PQL	YES
08050060-001AMSD	7041	1RES	08050060-001AMSD	Teklab	7440-36-0	Antimony	2.07	mg/Kg	S	0.17	MDL	SPK	50.4	4.25	0.5	PQL	YES
LCS-44573	7041	1RES	LCS-44573	Teklab	7440-36-0	Antimony	3.26	mg/Kg		0.17	MDL	SPK	108.8		0.5	PQL	YES
MB-44573	7041	1RES	MB-44573	Teklab	7440-36-0	Antimony	0.5	mg/Kg		0.17	MDL	MB	0		0.5	PQL	YES
PLA-011-FS-0508-C	7041	1RES	08050060-001A	Teklab	7440-36-0	Antimony	0.56	mg/Kg	S	0.17	MDL	TRG			0.5	PQL	YES

Table 3-2
Analytical Results

Client Sample ID	Sample Date	Sample Matrix	Lab Sample ID	QC Type	Temp	Lab Method ID	Prep Type	Analysis Type	Prep Date	Analysis Date	QC Level	Result Basis	Total / Dissolved	Dilution	Prep Batch	Run Batch	Lab Report Batch	Lab Receipt Date	Lab Report Date
08050058-013AMS	5/2/2008 14:19	SO	08050058-013AMS	MS		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:57	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 14:19	5/5/2008
08050058-013AMSD	5/2/2008 14:19	SO	08050058-013AMSD	MSD		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:00	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 14:19	5/5/2008
LCS-44573	5/2/2008 14:19	SO	LCS-44573	LCS		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:38	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 14:19	5/5/2008
LL2-001-FS-0408-C	4/30/2008 15:20	SO	08050058-001A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:41	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-002-FS-0408-C	4/30/2008 15:42	SO	08050058-002A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:44	2a	Dry	Total	5	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-003-FS-0408-C	4/30/2008 15:50	SO	08050058-003A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:48	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-005-FS-0408-C	4/30/2008 16:18	SO	08050058-004A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:51	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-006-FS-0408-C	4/30/2008 16:20	SO	08050058-005A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:54	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-007-FS-0408-C	4/30/2008 17:07	SO	08050058-006A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:57	2a	Dry	Total	2	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-008-FS-0408-C	4/30/2008 17:10	SO	08050058-008A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:14	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-009-FS-0408-C	4/30/2008 17:15	SO	08050058-009A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:21	2a	Dry	Total	2	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-010-FS-0408-C	4/30/2008 17:40	SO	08050058-010A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:17	2a	Dry	Total	5	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-011-FS-0408-C	4/30/2008 17:47	SO	08050058-011A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:20	2a	Dry	Total	5	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-012-FS-0408-C	5/1/2008 8:48	SO	08050058-012A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:44	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-013-FS-0408-C	5/1/2008 9 01	SO	08050058-013A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:54	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-014-FS-0408-C	5/1/2008 9:14	SO	08050058-014A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:04	2a	Dry	Total	1	44573	107676	8050058	5/2/2008 8:02	5/5/2008
LL2-015-FS-0408-C	4/30/2008 17:07	SO	08050058-007A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 11:04	2a	Dry	Total	2	44573	107676	8050058	5/2/2008 8:02	5/5/2008
MB-44573		SO	MB-44573	MB		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:35	2a	Dry	Total	1	44573	107676	8050058		5/5/2008
08041087-005AMS	4/30/2008 15:48	SO	08041087-005AMS	MS		7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:47	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 15:48	5/5/2008
08041087-005AMSD	4/30/2008 15:48	SO	08041087-005AMSD	MSD		7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:50	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 15:48	5/5/2008
LCS-44522	4/30/2008 15:48	SO	LCS-44522	LCS		7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:11	2a	Dry	Total	1	44522	107569	8041087	4/30/2008 15:48	5/5/2008
LL4-001-FS-0408-C	4/29/2008 14:30	SO	08041087-001A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:07	2a	Dry	Total	10	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-002-FS-0408-C	4/29/2008 14:40	SO	08041087-002A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:17	2a	Dry	Total	1	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-003-FS-0408-C	4/29/2008 14:50	SO	08041087-003A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:20	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-005-FS-0408-C	4/29/2008 14:57	SO	08041087-004A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 14:17	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-006-FS-0408-C	4/29/2008 15:05	SO	08041087-005A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:37	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-007-FS-0408-C	4/29/2008 15:17	SO	08041087-006A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:53	2a	Dry	Total	10	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-008-FS-0408-C	4/29/2008 15:30	SO	08041087-008A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 14:14	2a	Dry	Total	40	44522	107569	8041087	4/30/2008 8:05	5/5/2008
LL4-009-FS-0408-C	4/29/2008 15:17	SO	08041087-007A		5.8	7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 14:27	2a	Dry	Total	20	44522	107569	8041087	4/30/2008 8:05	5/5/2008
MB-44522		SO	MB-44522	MB		7041	Gen Prep	1RES	4/30/2008 15:48	5/1/2008 13:14	2a	Dry	Total	1	44522	107569	8041087		5/5/2008
08050456-003AMS	5/13/2008 14:10	SO	08050456-003AMS	MS		7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 10:32	2a	Dry	Total	5	44830	108113	8050456	5/13/2008 8:20	5/16/2008
08050456-003AMSD	5/13/2008 14:10	SO	08050456-003AMSD	MSD		7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 10:42	2a	Dry	Total	5	44830	108113	8050456	5/13/2008 8:20	5/16/2008
LCS-44830	5/13/2008 14:10	SO	LCS-44830	LCS		7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 9:59	2a	Dry	Total	1	44830	108113	8050456	5/13/2008 8:20	5/16/2008
LL4-010-FS-0508-C	5/12/2008 16:00	SO	08050456-001A		2.8	7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 10:02	2a	Dry	Total	1	44830	108113	8050456	5/13/2008 8:20	5/16/2008
LL4-011-FS-0508-C	5/12/2008 16:20	SO	08050456-002A		2.8	7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 10:12	2a	Dry	Total	1	44830	108113	8050456	5/13/2008 8:20	5/16/2008
LL4-012-FS-0508-C	5/12/2008 16:40	SO	08050456-003A		2.8	7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 10:22	2a	Dry	Total	5	44830	108113	8050456	5/13/2008 8:20	5/16/2008
MB-44830	5/13/2008 14:10	SO	MB-44830	MB		7041	Gen Prep	1RES	5/13/2008 14:10	5/14/2008 9:56	2a	Dry	Total	1	44830	108113	8050456	5/13/2008 8:20	5/16/2008

Table 3-2
Analytical Results

Client Sample ID	Sample Date	Sample Matrix	Lab Sample ID	QC Type	Temp	Lab Method ID	Prep Type	Analysis Type	Prep Date	Analysis Date	QC Level	Result Basis	Total / Dissolved	Dilution	Prep Batch	Run Batch	Lab Report Batch	Lab Receipt Date	Lab Report Date
08040667-010AMS	4/17/2008 14:32	SO	08040667-010AMS	MS		7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:58	2a	Dry	Total	2	44190	106983	8040667	4/17/2008 14:32	4/18/2008
08040667-010AMSD	4/17/2008 14:32	SO	08040667-010AMSD	MSD		7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 9:01	2a	Dry	Total	2	44190	106983	8040667	4/17/2008 14:32	4/18/2008
LCS-44190	4/17/2008 14:32	SO	LCS-44190	LCS		7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 7:56	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 14:32	4/18/2008
MB-44190	4/17/2008 14:32	SO	MB-44190	MB		7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 7:53	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 14:32	4/18/2008
PLA-001-FS-0408-C	4/16/2008 14:55	SO	08040667-001A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 9:05	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-002-FS-0408-C	4/16/2008 15:03	SO	08040667-002A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:03	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-003-FS-0408-C	4/16/2008 15:13	SO	08040667-003A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:06	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-004-FS-0408-C	4/16/2008 15:22	SO	08040667-004A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:14	2a	Dry	Total	20	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-005-FS-0408-C	4/16/2008 15:34	SO	08040667-005A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:17	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-006-FS-0408-C	4/16/2008 15:55	SO	08040667-007A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:24	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-007-FS-0408-C	4/16/2008 16:10	SO	08040667-008A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 9:18	2a	Dry	Total	2	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-008-FS-0408-C	4/16/2008 16:20	SO	08040667-009A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:49	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-009-FS-0408-C	4/16/2008 16:35	SO	08040667-010A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 9:11	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
PLA-010-FS-0408-C	4/16/2008 15:34	SO	08040667-006A		5.4	7041	Gen Prep	1RES	4/17/2008 14:32	4/18/2008 8:21	2a	Dry	Total	1	44190	106983	8040667	4/17/2008 8:00	4/18/2008
08050060-001AMS	5/2/2008 14:19	SO	08050060-001AMS	MS		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:10	2a	Dry	Total	1	44573	107676	8050060	5/2/2008 14:19	5/5/2008
08050060-001AMSD	5/2/2008 14:19	SO	08050060-001AMSD	MSD		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:13	2a	Dry	Total	1	44573	107676	8050060	5/2/2008 14:19	5/5/2008
LCS-44573	5/2/2008 14:19	SO	LCS-44573	LCS		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:38	2a	Dry	Total	1	44573	107676	8050060	5/2/2008 14:19	5/5/2008
MB-44573	5/2/2008 14:19	SO	MB-44573	MB		7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 10:35	2a	Dry	Total	1	44573	107676	8050060	5/2/2008 14:19	5/5/2008
PLA-011-FS-0508-C	5/1/2008 10:40	SO	08050060-001A		5.6	7041	Gen Prep	1RES	5/2/2008 14:19	5/5/2008 12:33	2a	Dry	Total	1	44573	107676	8050060	5/2/2008 8:02	5/5/2008

TABLE 4-1
Acceptable and Quality Data Completeness

Matrix	Soil
Analytical Group	Antimony
Concentration Level	Low

Sampling Procedure	Analytical Method/SOP	Data Quality Indicators (DQIs)	Measurement Performance Criteria	Overall quality data completeness	QC Sample and/or Activity Used to Assess Measurement Performance	QC Sample Assesses Error for Sampling (S), Analytical (A) or Both (S&A)
See FSP Section 2.7.2	EPA Method 7041/ SOP3040	Precision	RPD ±30%	Acceptable	Field Duplicates	S
		Precision	RPD ±15% or laboratory generated control chart limits, whichever are more stringent	Acceptable	Laboratory Duplicates	A
		Accuracy/Bias	±15% Recovery	Acceptable	LCS	A
		Accuracy/Bias	±30% Recovery	Acceptable	Matrix Spike (inorganics)	A
		Accuracy/Bias	No target compound greater than reporting limit	Acceptable	Method Blanks, Instrument Blanks	A
		Sensitivity	±10% for initial calibration, ±20% for continuing calibration	Acceptable	Laboratory Fortified Blank	A
		Completeness	>95% sample collection, >90% per analytical method, >95% overall analytical data, >80% overall completeness	100%	Data Completeness Check	S & A

TABLE 5-1
Field Completeness

Analysis	**Number of Critical Composite Samples Planned** [1]	**Number of Samples Collected**	**Field Completeness**
Antimony	35[2]	33[2]	100% [2]
Antimony	Additional samples: None	Additional samples[3]: 4	N/A
Totals =	**35[2]**	**37**	**100%**
Goal = 95%			

Notes:
1 = Number of samples includes field samples and duplicate samples.
2 = Two confirmation samples from Load Line 2 and Load Line 4 could not be collected due to unexpected obstacles (concrete pad on West wall). However, the two samples are not considered as critical samples, since our goal was the removal of the contaminated soil.
3= Three additional samples were collected from Load Line 4 and one additional sample from the Potential Landfill Area after additional excavation was conducted.

APPENDIX A – CHAIN OF CUSTODIES

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B		L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816-525-5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	PLA-001-FS-0408-C	ICE	4-16-08	1455		Soil	1	X														
2	PLA-002-FS-0408-C	ICE	4-16-08	1503		Soil	1	X														
3	PLA-003-FS-0408-C	ICE	4-16-08	1513		Soil	1	X														
4	PLA-004-FS-0408-C	ICE	4-16-08	1522		Soil	1	X														
5	PLA-005-FS-0408-C	ICE	4-16-08	1534		Soil	1	X														
6	PLA-010-FS-0408-C	ICE	4-16-08	1534		Soil	1	X														
7	PLA-006-FS-0408-C	ICE	4-16-08	1555		Soil	1	X														
8	PLA-007-FS-0408-C	ICE	4-16-08	1610		Soil	1	X														
9	PLA-008-FS-0408-C	ICE	4-16-08	1620		Soil	1	X														
10	PLA-009-FS-0408-C	ICE	4-16-08	1635		Soil	1	X														

Sampler: Brad Teaford | Shipment Method: Fed Ex | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-16-08						
Company: KES	Time: 1900	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:		Standard turn	Other
		Rush turn	Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B		L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816.525-5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	PLA-009-MS-0408-C	ICE	4-16-08	1624	K35	Soil	1	X														
2	PLA-009-MSD-0408-C	ICE	4-16-08		K35	Soil	1	X														
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler: Brad Teaford | Shipment Method: Fed EX | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-16-08						
Company: KES	Time: 1900	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: PLA-009-MS-0408-C is matrix spike
PLA-009-MSD-0408-C is matrix spike Duplicate

Standard turn | Other
Rush turn | Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B		L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816.525-5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	LL4-001-FS-0408-C		4-28-08	1430	4oz glass	Soil	1	X														
2	LL4-002-FS-0408-C			1440			1	X														
3	LL4-003-FS-0408-C			1450			1	X														
4	LL4-005-FS-0408-C			1505			1	X														
5	LL4-006-FS-0408-C			1520			1	X														
6	LL4-006-MS-0408-C			1520			1	X														
7	LL4-006-MSD-0408-C			1520			1	X														
8	LL4-007-FS-0408-C			1555			1	X														
9	LL4-009-FS-0408-C			1555			1	X														
10	LL4-008-FS-0408-C		↓	1610	↓	↓	1	X														

Sampler: Brad Teaford | Shipment Method: FedEX | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-28-08						
Company: KES	Time: 1640	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:		Standard turn	Other
	LL4-006-MS-0408-C is Matrix Spike LL4-006-MSD-0408-C is Matrix Spike Dup.	24 Hr Rush turn	Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony 7041	K	
WO:		Project Number:	07R760	B		L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:		Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	LL4-001-FS-0408-C	4°C ICE	4-29-08	1430	40z Glass	Soil	1	X														
2	LL4-002-FS-0408-C	↓	↓	1440	↓	↓	1	X														
3	LL4-003-FS-0408-C	↓	↓	1450	↓	↓	1	X														
4	LL4-005-FS-0408-C	↓	↓	1457	↓	↓	1	X														
5	LL4-006-FS-0408-C	↓	↓	1505	↓	↓	1	X														
6	LL4-006-MS-0408-C	↓	↓	1505	↓	↓	1	X														
7	LL4-006-MSD-0408-C	↓	↓	1505	↓	↓	1	X														
8	LL4-007-FS-0408-C	↓	↓	1517	↓	↓	1	X														
9	LL4-009-FS-0408-C	↓	↓	1517	↓	↓	1	X														
10	LL4-008-FS-0408-C	↓	↓	1530	↓	↓	1	X														

Sampler: Brad Teaford | Shipment Method: Fed EX | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	4-29-08						
Company: KES	Time: 1550	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:	LL4-006-MS-0408-C is matrix spike LL4-006-MSD-0408-C is matrix spike Dup.	Standard turn	Other
		Rush turn	Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

CHAIN OF CUSTODY

pg. 1 of 2 Work Order # _____

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Kingston Environmental
Address: 15450 Hanger Rd
City / State / Zip: KC MO 64147
Contact: Jennifer Shimamoto Phone: 816/524-8811
E-Mail: Jennifer.shimamoto@kingstonenv.com Fax: 816/525-5027

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No SEE S. Hennessey

Project Name / Number: MEAD NOP 07R760
Sample Collector's Name: Brad Teaford

Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Antimony EPA method 7041
	LL2-001-FS-0408-C	4/30/08 1520								1			X			X
	LL2-002-FS-0408-C	1542								1			X			X
	LL2-003-FS-0408-C	1550								1			X			X
	LL2-005-FS-0408-C	1618								1			X			X
	LL2-006-FS-0408-C	1620								1			X			X
	LL2-007-FS-0408-C	1707								1			X			X
	LL2-015-FS-0408-C	1707								1			X			X
	LL2-008-FS-0408-C	1710								1			X			X
	LL2-009-FS-0408-C	1715								1			X			X
	LL2-010-FS-0408-C	1740								1			X			X

Relinquished By	Date / Time	Received By	Date / Time
[illegible]	5-1-08 / 1340		

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW – LAB PINK – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 2 of 2 Work Order # _____

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Kingston Environmental
Address: 15450 Hanger Rd
City / State / Zip: KC MO 64147
Contact: Jennifer Shimamoto Phone: 816/524-8811
E-Mail: Jennifer.shimamoto@kingstonenv.com Fax: 816/525-5027

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field
Lab Notes:

Comments:
LL2-~~013~~-MS-0408-C is matrix spike
LL2-013-MSD-0408-C is matrix spike Dup

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No SEE Shelly Henneke/

Project Name / Number: MEAD NOP 07R760
Sample Collector's Name: Brad Tenford

Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other 4°C Ice	Water	Drinking Water	Soil	Sludge	Sp. Waste	Antimony EPA METHOD 7041
	LL2-011-FS-0408-C	4/30/08 1747								X			X			X
	LL2-012-FS-0408-C	5/1/08 0848								X			X			X
	LL2-013-FS-0408-C	0901								X			X			X
	LL2-013-MS-0408-C	0901								X			X			X
	LL2-013-MSD-0408-C	0901								X			X			X
	LL2-014-FS-0408-C	0914								X			X			X

4/30/08 5-1-08

Relinquished By	Date / Time	Received By	Date / Time
[signature]	5-1-08 / 1340		

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW – LAB PINK – SAMPLER'S COPY

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B	TAL metals EPA meth. 6010B	L	
Company:	Kingston Environmental Services	Bill To:		C	& 7000 series	M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816/525-5227	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	PLA-011-FS-0508-C	4° ICE	5-1-08	1040	4oz glass	Soil	1	X														
2	~~WWI-01~~																					
3	WWI-001-FS-0508-G	4° ICE	5-1-08	1330	500ml P	Water	1	X	X													
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler: Brad Teaford | Shipment Method: Fed Ex | Date Due (fax): RUSH 24 Hr

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
[signature]	5-1-08						
Company: KES	Time: 1400	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:		Standard turn	Other
		Rush turn	Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Page: 1 of 1

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B	TAL metals EPA 6010B & 7000	L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816/525-5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	LL4-010-FS-0508-C	4°C, ICE	5-12-08	1600	4oz G	Soil	1	X														
2	LL4-011-FS-0508-C	↓ ↓	5-12-08	1620	↓	Soil	1	X														
3	LL4-012-FS-0508-C	↓ ↓	5-12-08	1640	↓	Soil	1	X														
4	LL4-012-MS-0508-C	4°C ICE	5-12-08	1640	4oz G	Soil	1	X														
5	LL4-012-MSD-0508-C	4°C ICE	5-12-08	1640	4oz G	Soil	1	X														
6	WW1-001-FS-0508-G	~~NaOH~~, ICE	5-12-08	1720	500ml P	Water	1	X	X													
7		HNO3																				
8																						
9																						
10																						

Sampler: Brad Teaford | Shipment Method: FedEX | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company: KES	Time: 1600	Company:	Time:	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments:	matrix spike is LL4-012-MS-0508-C matrix spike Duplicate is LL4-012-MSD-0508-C	Standard turn	Other
		Rush turn	Cooler Temp:

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

APPENDIX B – DAILY FIELD QUALITY CONTROL REPORTS

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-14-08 Report No.: 001

Description and Location of Work: ~~mobilize to site~~ mead NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 38 Max.: 57 Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
2	~~2~~ 3	1	mobilize, ~~Demarcate Excavations~~	LL4
1	1		Demarcate Excavations	LL2, LL4
1	1	2	Install silt Fence LL2, LL4	LL2, LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Mobilize personnel, equipment to site. Demarcate excavations at LL2, LL4; Escort utility locators, Review SSHP, emergency Proced. meet with Facility Representatives

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: LL2, LL4 safe conditions

b. Final Inspection: silt Fence satisfactory, excavation limits marked Accurate

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

none (no safety violations)

7. Submitted Subcontractor Documents

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	
☐	☐	**Any Health & Safety Incident Reports**	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07 R 760 DATE: 4-14-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: _____

_____ SPECS. SECTION _____

REFERENCE CONTRACT DRAWINGS: _____

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	KES	Quality Control
2. Alvin Hagen		Field site Manager
3. Jake Creighton		H. Equipment Oper
4. Richard Cox		Labor
5. Don Hannah		Driver
6. Dan Swift		Driver
7. Brandon	KES	Safety Officer
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO ____

IF NOT, EXPLAIN: _____

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO ____ IF NOT, EXPLAIN: _____

D. WORKMANSHIP IS ACCEPTABLE. YES X NO ____ STATE AREAS WHERE IMPROVEMENT IS NEEDED: _____

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: none

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-15-06 Report No.: 002

Description and Location of Work: Potential Landfill Area, Mead

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 40 Max.: 70 Rainfall: 0 inches
windy

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
4	1	1	~~Prepare~~ Install silt Fence	PLA
2	2		Locate Excavation Limits	PLA
4	3	1	excavation of PLA	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Identified Excavation Area,

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: all OK except see #5

   b. Final Inspection: OK, except possible Asbestos discovery

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
waste characterization sample for Potential Landfill

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

work Plan specifies reinforced 6mil Poly under stockpile.
Due To unavailability of reinforced 6mil poly - 2 Layers of 6-mill poly was supstituted

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no safety violations

7. Submitted Subcontractor Documents

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	N/A
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	N/A
☐	☐	Any Health & Safety Incident Reports	N/A

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 4-15-08
DESCRIPTION AND LOCATION OF WORK INSPECTED: Mead NOP Potential Landfill Area SPECS. SECTION N/A
REFERENCE CONTRACT DRAWINGS: N/A

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Jennifer Shimamoto	P. Manager	KES
2. Alvin Haugen	FSM	↓
3. Richard Cox	Labor	↓
4. Jake Creighton	Equipment oper	↓
5. Brad Teaford	CQM	↓
6. Brandon Nolan	Safety	↓
7. Jim	UXO	PIKA
8. Kacey	UXO	PIKA
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES____ NO ✓
IF NOT, EXPLAIN: 6 mil poly not reinforced, 2 Layers normal 6 mil to compensate

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES ✓ NO____ IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES ✓ NO____ STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: none

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-16-06 Report No.: 003

Description and Location of Work: MEAD NOP - PLA

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 45 Max.: 70 Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1 +2	1	PLA Excavat	PLA
1	1		Confirmation Sampling	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Completed excavating PLA, covered stockpile sampled excavation (PLA)

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: OK

   b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

None

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

Short Delay awaiting Asbestos Inspector To Assess suspected ACM, suspected ACM stockpiled separately

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

None

7. Submitted Subcontractor Documents

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	N/A
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	N/A
☐	☐	**Any Health & Safety Incident Reports**	N/A

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 078760 DATE: 4-18-06

DESCRIPTION AND LOCATION OF WORK INSPECTED: _____

_____ SPECS. SECTION _____

REFERENCE CONTRACT DRAWINGS: _____

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teafatel	CQM-SSHO	KES
2. Alvin Haugen	FSM	
3. Jennifer Shimamoto	PM	
4. Jake Creighton	operator	
5. Richard Cox	Labor	
6. Jim	UXO Specialist	PIKA
7. Kasey	"	PIKA
8. Brandon Nolan	Safety Officer	KES
9. Kurt Baer	Project Manager	USACE
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO ____

IF NOT, EXPLAIN: _____

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO ____ IF NOT, EXPLAIN: _____

D. WORKMANSHIP IS ACCEPTABLE. YES X NO ____ STATE AREAS WHERE IMPROVEMENT IS NEEDED: _____

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: _____

QUALITY CONTROL REPRESENTATIVE

STOP WORK INSPECTION DOCUMENTATION FORM

Date: 4-16-08 **Project Name:** MEAD NOP

Project No.: 07R760 **Room/Area Name** Potential Landfill Area

Item Number	TYPE OF MATERIAL	QUANTITY	CONDIDTION ASSESSMENT	Date Observed	Initial of Sign Off
	TRANSITE DEBRIS + SOIL	72 CF	DAMAGED	4/16/08	WCB

☐ **OTHER** TRANSITE is MIXED in with soil, small actual Amount.

This list has been complied with and submitted to the building owner.
Reference to General Conditions of the Contract for Construction, Article 3.15.

ATC Associates Inc.

Nina Brandt

Signature, Authorized Representative

Contractor/Supervisor

Signature, Authorized Representative

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-17-08 Report No.: 004

Description and Location of Work: MEAD NOP - PLA cover stockpile

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 38 Max.: 47 Rainfall: 1.7 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
2		2	Cover stockpile	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Cover stockpile of excavated soils from PLA and secure with sandbags

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: wind pulling plastic off - add more sandbags

b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	NONE
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 4-17-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: MEAD NOP - Potential Landfill Area (PLA) SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Alvin Haugen	FSM	KES
2. Brad Teaford	CQM-SSHO	
3. Jake Creighton	operator/Labor	
4. Richard Cox	Labor	
5.		
6.		
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: none

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-25-08 Report No.:

Description and Location of Work: LL 4

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 38 Max.: 55 Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
2	1 [redacted]	1	Excavate LL 4	LLL4
1	3		ROAD TRUCKS	LL4
1	1	1	Sample LL4	LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Rubber Tired excavator - used
skid steer - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Excavation of Load Line 4
Sampling of Load Line 4
decon; mobilize equipment to Load Line 2

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: OK

b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 4-28-08
DESCRIPTION AND LOCATION OF WORK INSPECTED: Mead NOP, LL4 + LL2
SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	AQCM/SSHO	Kingston
2. Alvin Haugen	FSM	
3. Jacob Creighton	Equipment Oper.	
4. Richard Cox	Labor	
5. Don Hannah	Driver	
6. Danny Swift	Driver	
7. Brett Miescke	Driver	
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: None

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-29-08 Report No.:

Description and Location of Work: Mead NOP - LL4

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 38 Max.: 55 Rainfall: 0 inches
windy

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1	1	Excavate LL2	LL2
	3		Haul To Landfill	LL2
1	1	1	Equipment Decon	LL2
1	1	1	Resample LL4	LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Rubber tired excavator - used
skid Steer - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Excavate soils at LL2, load Trucks hauling To Landfill, Decon equipment and move To PLA

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: OK, Boundaries of LL2 excavation defined, silt Fence Adequate ~~Done~~ Landing area covered w/ poly

b. Final Inspection: OK LL2 Satisfactorily ~~Done~~ excavated, equip deconned for move

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

Kurt Baer - USACE directs a retest of LL4 due To COC breach
(Fedex Lost cooler)

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

LL2 excavated South To North instead of North To South in order To be more conducive of Truck Route and improve Containment in Load out Area.

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 4-29-08
DESCRIPTION AND LOCATION OF WORK INSPECTED: MEAD NOP
SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	AQCM / SSHO	Kingston
2. Alvin Hargen	FSM	
3. Jacob Creighton	Operator	
4. Richard Cox	Labor	
5. Don Hannah	Driver	
6. Brett Miescke	Driver	
7. Don Swift	Driver	
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES NO X IF NOT, EXPLAIN: LL2 being excavated south to North instead of North to South to aid in loading of trucks

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN:

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 4-30-08 Report No.:

Description and Location of Work: PLA, LL2 Mead NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 44 Max.: Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1	1	Load PLA stockpile	PLA
	1		Sample LL2	LL2
	3		Haul stockpile To Landfill	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Rubber Tire Excavator - used
skid steer - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Loading soil from PLA stockpile onto Trucks to haul To Butler County Landfill
Perform sampling (confirmatory)(soil)

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: OK - LL2 excavated to 1 ft depth

b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 4-30-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: Mead NOP ~~excavating~~ Loading and hauling of PLA stockpile SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	AQCM/SSHO	Kingston
2. Alvin Haugen	FSM	
3. Richard Cox	Labor	
4. Jacob Creighton	Operator	
5. Don Hannah	Driver	
6. Dan Swift	Driver	
7. Brett Miesske	Driver	
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO ____

IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO ____ IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO ____ STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: no violations

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-1-08 Report No.: 008

Description and Location of Work: MEAD NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 55°F Max.: 80°F Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
	1	1	Sample LL2 (Confirmation)	LL2
1	1	1	Loading Trucks	PLA
1	3	0	Transporting To Landfill	PLA
1	1	1	Equipment Decon	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Rubber Tired excavator - used
Skid Steer - used Power washer - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

main stockpile of soil at PLA Loaded onto Truck and hauled To Butler county Landfill. Confirmation Sampling at LL2 Completed
Equipment cleaned and Powerwashed for movement to LL4

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: Loading area lined, decon in place OK

   b. Final Inspection: PLA Stockpile completely removed To Landfill, LL2 completely sampled OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents None

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 5-1-06
DESCRIPTION AND LOCATION OF WORK INSPECTED: PLA stockpile loaded and hauled to landfill, LL2 sampled SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	CQCM - SSHO	Kingston
2. Alvin Haugen	FSM	"
3. Jake Creighton	operator	"
4. Richard Cox	Laborer	"
5. Don Hannah	Driver	"
6. Dan Swift	"	"
7. Brett Miescke	"	"
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES ✓ NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES ✓ NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES ✓ NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: none

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5 6-06 Report No.: 009

Description and Location of Work: Mead NOP, PLA

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 58° Max.: 70° Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	3		Haul Backfill to site	PLA
1	1		Backfill PLA excavation	PLA
1	1		Compact Backfill	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) compactor - used
skid steer - used excavator - not used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Backfill; compaction of PLA up 2'

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: OK To Backfill PLA

b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
at 2' compaction Test W½ = Pass E½ = Pass

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

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KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 5-6-08
DESCRIPTION AND LOCATION OF WORK INSPECTED: PLA – MEADNOP – Backfill & compaction at PLA excavation SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Alvin Haugen	FSM	KES
2. Brad Teaford	SSHO – ACQCM	KES
3. Richard Cox	operator	KES
4. Danny Swift	Driver	KES
5. Don Hannah	Driver	KES
6. Brett Meuschke	Driver	KES
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: no violations

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-8-08 Report No.: 010

Description and Location of Work: LL2 - Backfill,

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 52 Max.: 71 Rainfall: 0 inches
AM - 4PM cloudy after 4PM

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
2	4		Backfill	LL2
1	1		compaction Test.	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Skid Steer - used Compactor - not used
Rubber Tire excavator - used 3 Dump Trucks - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Backfill excavation at LL2
GSI conduct compaction Test at PLA

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: LL2 is safely Assessible by Equipment's Trucks - OK

b. Final Inspection:

3. Test Required by Plans and/or Specifications Performed and Results of Tests: E½ of PLA - Pass
Proctor (Nuclear) Test on PLA for compaction, inaterial W½ of PLA - Pass

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

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KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 5-8-06

DESCRIPTION AND LOCATION OF WORK INSPECTED: Mead NOP – PLA's LL2 Backfill LL2 – Proctor Test PLA SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Alvin Hagen	FSM	KES
2. Brad Teaford	SSHO – ACQCM	KES
3. Richard Cox	Operator	KES
4. Don Hannah	Driver	KES
5. Brett Meuschke	Driver	KES
6. Dan Swift	Driver	KES
7. Bryan Kum	Compaction Tester	GSI
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: no violations

QUALITY CONTROL REPRESENTATIVE

For information only. This is a DRAFT report and is subject to final engineering review and approval.

GSI GEOTECHNICAL SERVICES, INC.

FIELD DENSITY RECORD
Nuclear Methods

PROJECT DATA

Project	NOPSite	Project #	071230	Date	5/8/08
Location		Client	Kingston Environmental	Contractor	
Weather				Tested By	Brian Kuma,

GAUGE DATA

Gauge Number	1	Density Standard	Moisture Standard

PROJECT PHASE

- ☐ Grading
- ☒ Backfill
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Waterline
- ☐ Paving
- ☐ Base
- ☐ Treated
- ☐ Floor
- ☐ Plumbing
- ☐ Misc
- ☐ Moisture Only

TEST DATA

Lab No.					
Field No.	1	2			
Retest *(Yes or No)*					
Date of Previous Test					
Test Location	PLA West 1/2	PLA East 1/2			
Fill or Exc. Depth	2'	2'			
Type of Material Lab No. _____	L-1143	→			
Test Depth	12"	→			

SPECIFICATION

Max Dry Density (pcf)	103.8				
Optimum Moisture (%)	18.9				
Spec. Compaction	95% STD MOD	STD MOD	STD MOD	STD MOD	STD MOD
Spec. Moisture	N/A				

RESULTS

Dry Density (pcf)	101.7	105.9			
Moisture (%)	22.5	19.3			
Compaction (%)	98	100+			
Moisture +/-	+3.6	+0.4			
Pass/Fail	Pass	Pass			

Remarks:

Form 704a 03/2007

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-12-08 Report No.:

Description and Location of Work: Mead NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.:___ Max.: 73° Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1		Backfill & Compact	PLA
1	1		Excavate at LL4	LL4
1	1		Sample at LL4	~~B~~ LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Skid steer - used compactor - used
Rubber Tire Excavator - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Cells 5, 7 & 8 at LL4 were excavated and additional 1 foot down (To a Total of 2' BLG) and sampled for confirmation. Backfilling the final 2' to Grade at PLA was completed (and compaction)

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

a. Preliminary Inspection: OK

b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:
PLA needs Compaction Test on Top 2' before Topsoil Application

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

none

7. Submitted Subcontractor Documents None

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	
☐	☐	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

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KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R 760 DATE: 5-12-06
DESCRIPTION AND LOCATION OF WORK INSPECTED: Backfill & compaction at PLA excavation & sampling at LL4 SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Tedford	ACQCM - SSHO	KES
2. Alvin Hagen	FSM	
3. Richard Cox	Operator	
4. Brett Marschke	Driver	
5. Don Hannah	Driver	
6. Danny Swift	Driver	
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES ✓ NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES ✓ NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES ✓ NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: None

QUALITY CONTROL REPRESENTATIVE

	CORPORATE HEALTH AND SAFETY PROGRAM	
	Document No. 3.2.1	**Date:** October 23, 2007
	Incident Report Form	**Revision:** E

Type of Incident

☐ Injury/exposure only ☐ Property loss only ☐ Injury and property loss ☒ Reportable incident without injury or property loss

Project Number:	Project Name:	Date of Incident:	Time:	☐ AM ☒ PM
07R760	Mead NOP	5-12-08	6:00	

Incident Location:	Conditions:
MEAD NE - PLA	Overcast, 62°

Name(s) of witnesses, if any: Doug Histie (Ryan Lockney), Joe

Employer: Johnson Trucking | Employer Contact: Dale Johnson or Dale Johnson Jr.

If incident caused death or serious injury, this information must be called in to the Health & Safety Manager or Company President **immediately!**

Injury/Exposure

Injured employee's name:	Body part injured/affected:	Degree of damage/symptoms:	
Date of Birth:	Date of Hire:	SSN:	Wage Rate:
Did injured see a physician? ☐ Yes ☐ No	Name and address of treating physician (and/or hospital):		Date of visit:

Care/treatment provided:

Employee activity/task involved:	Object/equipment involved:

Detailed description of incident:	PPE used:

Injury classification: ☐ Struck By ☐ Contacted By ☐ Struck Against ☐ Contact with ☐ Caught in ☐ Caught Between ☐ Fall to Below ☐ Fall to Level ☐ Exposure ☐ Over Exertion

Property Damage/Loss/Theft

What was damaged, lost, or stolen? Red of Dump dented Culvert Dented.	Amount of damage/lost/theft:

Was this reported to police? ☐ Yes ☒ No If yes, list department(s) involved:

Corrective Action

Identify actions taken to prevent or minimize occurrence of any future incidents: Check mirrors closer, use spotter get out and look	Was work stopped until corrected? How? yes, cleaning up dirt. righting pup

Signature

Name of person completing form:(Print) Ryan Lockney	Signature: Ryan Lockney	Date: 5-12-08
Employee Signature:		Date:

Return this report to the Safety Department or Office Manager as soon as possible.

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-13-08 Report No.:

Description and Location of Work: Mead NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.:___ Max.:___ Rainfall:___ inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	3	1	Inbound Topsoil	PLA

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Skid Steer - used
Compactor - not used 3-End dumps - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Topsoil Brought in To LL2 & PLA and spread To a 4" minimum thickness following contours of The Land

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: ok

   b. Final Inspection: ok

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

None

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

none

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	
☐	☐	**Any Health & Safety Incident Reports**	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 5-13-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: _____

_____ SPECS. SECTION _____

REFERENCE CONTRACT DRAWINGS: _____

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	ACQCM - SSHO	KES
2. Alvin Hagen	FSM	↓
3. Richard Cox	Operator	↓
4. Don Hannah	Driver	↓
5. Dan Swift	Driver	↓
6. Brett Meuschke	Driver	✓
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES ✓ NO ____

IF NOT, EXPLAIN: _____

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES ✓ NO ____ IF NOT, EXPLAIN: _____

D. WORKMANSHIP IS ACCEPTABLE. YES ✓ NO ____ STATE AREAS WHERE IMPROVEMENT IS NEEDED: _____

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: _____

QUALITY CONTROL REPRESENTATIVE

For information only. This is a DRAFT report and is subject to final engineering review and approval.

GSI GEOTECHNICAL SERVICES, INC.

FIELD DENSITY RECORD
Nuclear Methods

PROJECT DATA

Project Mead NOP site	Project # 071230	Date 5/13/08
Location Mead, Nebraska	Client Kingston Environmental	Contractor
Weather Cold, cloudy		Tested By Jarl Holm

GAUGE DATA

Gauge Number	N-1	Density Standard	Moisture Standard

PROJECT PHASE

- [x] Grading
- [ ] Backfill
- [ ] Sanitary Sewer
- [ ] Storm Sewer
- [ ] Waterline
- [ ] Paving
- [ ] Base
- [ ] Treated
- [ ] Floor
- [ ] Plumbing
- [ ] Misc
- [ ] Moisture Only

TEST DATA

Lab No.					
Field No.	1	2			
Retest *(Yes or No)*					
Date of Previous Test					
Test Location	PLA - east half	PLA - west half			
Fill or Exc. Depth	Subgrade →				
Type of Material Lab No. _____	L-1143 →				
Test Depth					

SPECIFICATION

Max Dry Density (pcf)	103.8				
Optimum Moisture (%)	18.9	→			
Spec. Compaction	95 STD MOD	STD MOD	STD MOD	STD MOD	STD MOD
Spec. Moisture					

RESULTS

Dry Density (pcf)	99.8	102.6			
Moisture (%)	15.3	12.4			
Compaction (%)	96	99			
Moisture +/-	-3.6	-6.5			
Pass/Fail	P	P			

Remarks:

Form 704a 03/2007

For information only. This is a DRAFT report and is subject to final engineering review and approval.

GSI Geotechnical Services, Inc.

SITE VISIT REPORT

COVERING WORK PERFORMED WHICH REQUIRED OBSERVATIONS AND/OR TESTING OF:

- ☐ REINFORCED CONCRETE
- ☐ POST-TENSIONED CONCRETE
- ☐ REINFORCED MASONRY
- ☐ STRUCTURAL STEEL
- ☒ FILL PLACEMENT / SUBGRADE PREP. / FOUNDATION BEARING GRADES
- ☐ OTHER:

PROJECT NAME: Mead NOP site	REPORT NO:	PROJECT NO: 071230
PROJECT ADDRESS: Mead, Nebraska	GSI PERSONNEL: Joel Hahm	PAGE: 1 OF 1
CONTRACTOR: Kingston Environmental	STRUCTURAL DRAWING SHEET(S) (IF APPLICABLE):	APPLICABLE DETAILS:
SUB-CONTRACTOR:	ARCHITECT:	
LAB RECEIVING SAMPLES:	ENGINEER:	

Summary of observations / test results:

I performed 2 moisture-density tests in the PLA area. Both tests met project compaction requirements.

I reported results to Brad Teaford with Kingston Environmental.

TRIP CHARGE: 1.75 h	ARRIVE: 1:15	TIME AT OFFICE:
DATE: 5/13/08	DEPART: 1:30	TOTAL HOURS:

JAH Initials

Except as noted above, areas observed / tested are in general conformance with project documents.

Signature of GSI Personnel	Reviewed By	ICC Certification No.	Lab No.

Form 730a 03/2007

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-14-08 Report No.:

Description and Location of Work:

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: Max.: 70 Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1		Tilling, seeding	LL2
1	1		Applying Topsoil	PLA
1		2	Decon of Excavator	LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) skid steer - used, Kubota tractor - used, Exavator - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

LL2 was tilled and seeded. Topsoil was applied over the PLA. Rubber Tire excavator was Deconned at LL4

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: ok

   b. Final Inspection: ok

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	
☐	☐	**Any Health & Safety Incident Reports**	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R 760 DATE: 14 May 08

DESCRIPTION AND LOCATION OF WORK INSPECTED: Filling, seeding of LL2, Applying Topsoil on PLA - Decon of Hoe SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	ACQCM - SSHO	KBS
2. Alvin Haugen	FSM	
3. Richard Cox	operator	
4. Don Hannah	Driver	
5. Dan Swift	"	
6. Brett Merschke	"	
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES ✓ NO_____
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES ✓ NO_____ IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES ✓ NO_____ STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: no viol.

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-15-08 Report No.:_____

Description and Location of Work: _____

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.:___ Max.:___ Rainfall:___ inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
	3		Hauling Backfill	LL4
		1	Till, seed ~~PLA~~	PLA, LL4
1	1		Backfill (spread)	LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) water Truck - used, Skid Steer - used, End Dump Trucks (3) - used Kubota Tractor - used Rubber Tire excavator - used

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

LL4 was backfilled, extra Topsoil dumped at PLA was Loaded ~~and~~, ~~Brought~~ Transported and spread at LL4. PLA was Tilled and seeded. LL4 was Tilled and seeded. LL2 & LL4 were watered

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: ok

   b. Final Inspection: ok

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

   none

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

   none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	
☐	☐	**Any Health & Safety Incident Reports**	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R 760 DATE: 5-13-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: Backfill of LL4, fill and seeding of PLA & LL4, watering of LL2 & 4 SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1. Brad Teaford	SSHO - ACQCM	Kingston
2. Alvin Hagan	FSM	
3. Richard Cox	Operator	
4. Don Hannah	Driver	
5. Dan Swift	Driver	
6. Brett Merschke	Driver	
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO

IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: None

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-16-06 Report No.:

Description and Location of Work: Mead NOP

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: Max.: 66 Rainfall: 0 inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	1	1	watering seed	LL2, LL4, PLA
1	1		Pack, Demob Equipment	LL4

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Vac Truck used to water seed at LL2, LL4, & PLA
skid steer secured on Trailer, Rubber tire excavator picked up by Rental Firm, Tractor picked up by rental Firm

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: OK

   b. Final Inspection: OK

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

None

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

none

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

On Final walkThrough with Jeff Stuehmer (UNL) and his assistant verbal To everything Satisfactory was given but question about Timeline To silt Fence Removal has arisen

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

no violations

7. Submitted Subcontractor Documents none

Received	Reviewed	Submitted Document	Action Taken
☐	☐	**Previous Days Air Monitoring Results**	
☐	☐	**Daily Subcontractor "Tool Box Safety Meeting" Report**	
☐	☐	**Any Health & Safety Incident Reports**	

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07R760 DATE: 5-16-08

DESCRIPTION AND LOCATION OF WORK INSPECTED: Mead NOP – LL2, LL4, P2A

SPECS. SECTION

REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

	NAME	POSITION	COMPANY
1.	Brad Teaford	ACQCM - SSHO	KES
2.	Alvin Haugen	FSM	KES
3.	Jeff Stuehmer	Facility Operations Manager	UNL-ARDC
4.	Richard Anderson	Facility Super	UNL-ARDC
5.			
6.			
7.			
8.			
9.			
10.			

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: none

QUALITY CONTROL REPRESENTATIVE

KINGSTON DAILY QUALITY CONTROL REPORT

Date: 5-21-08 Report No.:

Description and Location of Work: Soil Removal. PLA Area.

Weather: (Clear) (P. Cloudy) (Cloudy) Temperature: Min.: 56 Max.: 61 Rainfall: Ø inches

MANPOWER

SUPV.	SKILLED	LABORERS	WORK PERFORMED	BUILDING/AREAS
1	2			PLA. Area

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.) Bob cat skid steer Loader

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors in Table above. If no work is performed, report the reason.)

Disposed of Approx 350 Gallon's Decon water. from vac truck To Disposal facility. Load, Haul, Dispose of. 10.91 Ton's of Asbestos And Anitomy Soil's at Butler Co. landfill

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)

   a. Preliminary Inspection: Satisfactory

   b. Final Inspection: Satisfactory

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

None.

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

None.

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

None.

6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

Safety Inspection.

7. Submitted Subcontractor Documents

Received	Reviewed	Submitted Document	Action Taken
☐	☐	Previous Days Air Monitoring Results	none
☒	☒	Daily Subcontractor "Tool Box Safety Meeting" Report	
☐	☐	Any Health & Safety Incident Reports	none

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Quality Control

NOTE: DO NOT LEAVE REPORT ITEMS BLANK

Items 1 through 7 must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

KINGSTON INSPECTION CHECKLIST

PROJECT NO: 07-R-760 DATE: 5-21-08
DESCRIPTION AND LOCATION OF WORK INSPECTED: PLA - Soil Removal
SPECS. SECTION
REFERENCE CONTRACT DRAWINGS:

A. PERSONNEL PRESENT

	NAME	POSITION	COMPANY
1.			
2.	Alvin Haulbn	Supv.	Kingston ENV.
3.	ANA Johnson.	Asbestos Supv.	Kingston ENV.
4.	Don Wilson.	Truck operator (VAC) Skid steer operators	Kingston ENV.
5.	Brett. Meuscher	Dump Truck. operator	Kingston ENV.
6.			
7.			
8.			
9.			
10.			

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES X NO
IF NOT, EXPLAIN:

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS. YES X NO IF NOT, EXPLAIN:

D. WORKMANSHIP IS ACCEPTABLE. YES X NO STATE AREAS WHERE IMPROVEMENT IS NEEDED:

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: None.

QUALITY CONTROL REPRESENTATIVE

APPENDIX C – ANALYTICAL DATA CD

APPENDIX J – MANIFESTS, WEIGH TICKETS, AND CERTIFICATION OF DISPOSAL

LOAD LINE 2
MANIFESTS AND WEIGH TICKETS

(534.37 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290238	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	08:41	08:41		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	65020	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	31680	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.84	TON	Special Waste /Slud	16.25	257.40	19.80	277.20

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # K-10
PO# 39233

NET AMOUNT
277.20
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39233

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street

4. Generator's Phone ( ) 816-389-3356 Kansas City MO 64106

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services
6. US EPA ID Number: MOR000504688
A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632
10. US EPA ID Number
C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hacker
Signature
Month 04 Day 29 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Smith
Signature
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature
Month Day Year

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290239	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	08:47	08:47		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt. 66620 LB
Manual Tare Wt. 33000 LB
Net Weight 33620 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.81	TON	Special Waste /Slud	16.25	273.16	21.01	294.17

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # K-9
PO# 39234

NET AMOUNT
294.17
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

33234

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Duran | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brent Meusette | Signature | Month 04 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290241	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	09:11	09:11	JOHNSON	

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	82860	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	49860	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.93	TON	Special Waste /Slud	16.25	405.11	31.16	436.27
24.93	TON	Trucking/ton	5.50	137.12	0.00	137.12

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TRUCK 1 JOHNSON
PO# ~~[illegible]~~5 07R760

NET AMOUNT
573.39
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39235

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hardin | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Johnson Trucking #1 | Signature: Frank A. Medlah | Month 4 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290249	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	09:50	09:50	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	81460	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	46960	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.48	TON	Special Waste /Slud	16.25	381.55	29.35	410.90
23.48	TON	Trucking/ton	5.50	129.14	0.00	129.14

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
540.04
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39238

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber | Signature | Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: David Eiler | Signature | Month 4 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature: Rae Zimmerman | Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290264	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	11:14	11:14		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	68640	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	35300	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.65	TON	Special Waste /Slud	16.25	286.81	22.06	308.87

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
308.87
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39237

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Harden | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift | Signature | Month 04 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290266	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	11:23	11:23		

REFERENCE	ORIGIN
TRK K9	MEAD

Scale 1 Gross Wt.	69300	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	36300	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.15	TON	Special Waste /Slud	16.25	294.94	22.69	317.63

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07K760

NET AMOUNT
317.63
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39238

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Paulin
Signature
Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meredith
Signature
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature: Dale Zimmerman
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290269	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	11:36	11:36	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Scale 1 Gross Wt.	95940	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	62940	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.47	TON	Special Waste /Slud	16.25	511.39	39.34	550.73
31.47	TON	Trucking/ton	5.50	173.09	0.00	173.09

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
723.82
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form Designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39239

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hulcer | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Johnson Trucking #1 | Signature: Frank A Matak | Month 04 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature: Lee Zimmerman | Month 4 | Day 29 | Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290277	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	11:57	11:58	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	89420	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	54920	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.46	TON	Special Waste /Slud	16.25	446.23	34.33	480.56
27.46	TON	Trucking/ton	5.50	151.03	0.00	151.03

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 70R760

NET AMOUNT
631.59
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39240

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Autimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alva Daulton | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: David Eilers | Signature | Month 4 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290292	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	13:20	13:20		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	70380	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	37040	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.52	TON	Special Waste /Slud	16.25	300.95	23.15	324.10

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
324.10
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39241

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hagen
Signature:
Month 09 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Scalia
Signature:
Month 09 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman
Signature:
Month 4 Day 29 Year 9

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290297	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	13:36	13:36		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	72940	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	39940	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.97	TON	Special Waste /Slud	16.25	324.51	24.96	349.47

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
349.47
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39242

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 66106

4. Generator's Phone ( ) 816-389-3356

Approval Number
RCS 07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
NOR000004688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-6561

GENERATOR

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name	Signature	Month	Day	Year
Alvin Hawlen	[signature]	09	29	08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year
BRETT MEUSCHKE	[signature]	04	25	08

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name	Signature	Month	Day	Year
Dee Zimmerman	[signature]	4	29	08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290298	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	13:43	13:43	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Manual Gross Wt.	92420	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	59420	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.71	TON	Special Waste /Slud	16.25	482.79	37.14	519.93
29.71	TON	Trucking/ton	5.50	163.41	0.00	163.41

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
683.34
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please Print or Type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38243

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.:
Manifest Document No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services
6. US EPA ID Number: MOR000504688
A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number:
C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed / Typed Name: Alvin Hauber
Signature:
Month 04 Day 29 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed / Typed Name: Johnson #1
Signature: Frank A. Melak
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed / Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.
Printed / Typed Name:
Signature: Lee Hammerman
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290307	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	14:19	14:19	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	92920	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	58420	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.21	TON	Special Waste /Slud	16.25	474.66	36.51	511.17
29.21	TON	Trucking/ton	5.50	160.66	0.00	160.66

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
671.83
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39244

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
NOR000504686

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

GENERATOR

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name	Signature	Month	Day	Year
Alvin Haubin	[signature]	04	29	08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year
David Eilers	[signature]	4	29	08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name	Signature	Month	Day	Year
	[signature]	4	29	08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290315	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	14:49	14:49		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	77120	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	41460	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.73	TON	Special Waste /Slud	16.25	336.86	25.91	362.77

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TRUCK K-8
PO# 07R760

NET AMOUNT
362.77
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

GRID | WEIGHMASTER

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39245

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hansen | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 04 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290321	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	15:21	15:21		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	70080	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	36740	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.37	TON	Special Waste /Slud	16.25	298.51	22.96	321.47

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
321.47
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39246

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber | Signature | Month 09 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift | Signature | Month 09 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman | Signature | Month 9 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290331	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	16:01	16:01		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	69540	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	36540	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.27	TON	Special Waste /Slud	16.25	296.89	22.84	319.73

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
319.73
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39247

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alan Naugen
Signature:
Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meuric
Signature:
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL
Signature: J Engel
Month 4 Day 29 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290330	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	15:58	15:58	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Manual Gross Wt.	96440	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	63440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.72	TON	Special Waste /Slud	16.25	515.45	39.65	555.10
31.72	TON	Trucking/ton	5.50	174.46	0.00	174.46

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
729.56
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39248

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Daubon
Signature:
Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Johnson Trucking #1
Signature: Tronha A. Mulah
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature: Joe Zimmerman
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3589 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290336	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	16:29	16:29	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	94160	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	59660	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.83	TON	Special Waste /Slud	16.25	484.74	37.29	522.03
29.83	TON	Trucking/ton	5.50	164.07	0.00	164.07

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
686.10
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39249

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services
6. US EPA ID Number: MOR000504688
A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632
10. US EPA ID Number
C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Akuben
Signature
Month 09 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed / Typed Name: David Eileos
Signature
Month 4 Day 29 Year 04

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Leo Zimmerman
Signature
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290340	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	16:57	16:57	JOHNSON	

REFERENCE	ORIGIN
TRK 6	MEAD

Manual Gross Wt.	106680	LB	Inbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	74500	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.25	TON	Special Waste /Slud	16.25	605.31	46.56	651.87
37.25	TON	Trucking/ton	5.50	204.88	0.00	204.88

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
856.75
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39250

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Lawler | Signature | Month 09 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month 11 | Day 29 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Leo Zimmerman | Signature | Month 4 | Day 29 | Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290341	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	17:02	17:02	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Manual Gross Wt.	101420	LB	Inbound - Charge ticket
Manual Tare Wt.	31880	LB	
Net Weight	69540	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.77	TON	Special Waste /Slud	16.25	565.01	43.46	608.47
34.77	TON	Trucking/ton	5.50	191.24	0.00	191.24

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
799.71
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39251

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony		1	DT	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber
Signature:
Month 04 Day 29 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Ryan Lochner
Signature: Ryan Lochner
Month 4 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman
Signature:
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290342	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	17:07	17:07		

REFERENCE	ORIGIN
TRK K-8	MEAD

Scale 1 Gross Wt.	71420	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	35760	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.88	TON	Special Waste /Slud	16.25	290.55	22.35	312.90

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
312.90
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39252

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hawkin
Signature
Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah
Signature
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature: Steve Zimmerman
Month 4 Day 29 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290343	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	17:22	17:22	JOHNSON	

REFERENCE	ORIGIN
TRK 2	MEAD

Manual Gross Wt.	100420	LB	Inbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	66840	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.42	TON	Special Waste /Slud	16.25	543.08	41.78	584.86
33.42	TON	Trucking/ton	5.50	183.81	0.00	183.81

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
768.67
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39253

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger | Signature | Month 04 | Day 29 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Doug Hiskey | Signature | Month 4 | Day 29 | Year 8

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 29 | Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290353	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	07:54	07:54		

REFERENCE	ORIGIN
TRK K 10	MEAD

Scale 1 Gross Wt. 71200 LB
Manual Tare Wt. 33340 LB
Net Weight 37860 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.93	TON	Special Waste /Slud	16.25	307.61	23.66	331.27

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
331.27
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39254

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Huber
Signature:
Month 04 Day 29 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Smith
Signature:
Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J. ENGEL
Signature:
Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

LOAD LINE 4
MANIFESTS AND WEIGH TICKETS

(268.1 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290234	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/29/08	04/29/08	08:09	08:09		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt. 69460 LB
Manual Tare Wt. 35660 LB
Net Weight 33800 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.90	TON	Special Waste /Slud	16.25	274.63	21.13	295.76

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # K-8
PO# 39232

NET AMOUNT
295.76
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CARC

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39232

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
NOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

GENERATOR

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT	Tons	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Naugen
Signature:
Month 04 Day 28 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Kennedy
Signature:
Month 04 Day 29 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name:
Signature:
Month 4 Day 29 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290204	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	15:40	15:40		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	72200	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	39200	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.60	TON	Special Waste /Slud	16.25	318.50	24.50	343.00

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT DIRT W/ANTIMONY
PO# 07R760/K-9

NET AMOUNT
343.00
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

30231

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hughes
Signature:
Month: 04 Day: 28 Year: 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Bob Meadows
Signature:
Month: 04 Day: Year:

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: DEE HINNERMAN
Signature:
Month: 4 Day: 28 Year: 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290199	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	15:24	15:24		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	73460	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	40120	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.06	TON	Special Waste /Slud	16.25	325.98	25.08	351.06

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT DIRT W/ANTIMONY
PO# 07R760/K-10

NET AMOUNT
351.06
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39230

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street

4. Generator's Phone ( ) 816-389-3356 Kansas City MO 64106

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOF000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hawlen
Signature:
Month 09 Day 28 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Danny Swift
Signature:
Month 09 Day 28 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Immerman
Signature:
Month 4 Day 28 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290195	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	15:13	15:13		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	78680	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	43020	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.51	TON	Special Waste /Slud	16.25	349.54	26.89	376.43

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT DIRT W/ANTIMONY
PO# 07R760/TRK K-8

NET AMOUNT
376.43
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38229

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Flauca
Signature:
Month 04 Day 28 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Kunnal
Signature:
Month 04 Day 28 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: DEE ZIMMERMAN
Signature: Dee Zimmerman
Month 4 Day 28 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290162	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	12:32	12:46		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	65320	LB	Inbound - Charge ticket
Scale 1 Tare Wt.	33340	LB	
Net Weight	31980	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.99	TON	Special Waste /Slud	16.25	259.84	19.99	279.83

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT SOIL W/ANTIMONY
PO# 07R760

NET AMOUNT
279.83
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

K-10

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39228

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen
Signature:
Month 04 Day 25 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Danny Swift
Signature:
Month 04 Day 28 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: BEE ZIMMERMAN
Signature:
Month 4 Day 28 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290163	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	12:35	12:47		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	64440	LB	Inbound - Charge ticket
Scale 1 Tare Wt.	33000	LB	
Net Weight	31440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.72	TON	Special Waste /Slud	16.25	255.45	19.65	275.10

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT DIRT W/ANTIMONY
PO# 07R760

NET AMOUNT
275.10
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

K.9

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39227

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber | Signature | Month 04 Day 28 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: BRETT MCUSLIKE | Signature | Month 04 Day 25 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature: J Engel | Month 4 Day 25 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290161	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/28/08	04/28/08	12:24	12:38		

REFERENCE	ORIGIN
BCL-07-050	MEAD

Scale 1 Gross Wt.	70240	LB	Inbound - Charge ticket
Scale 1 Tare Wt.	35660	LB	
Net Weight	34580	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.29	TON	Special Waste /Slud	16.25	280.96	21.61	302.57

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # CONT SOIL W/ANTIMONY
PO# 07R760

NET AMOUNT
302.57
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39226

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S Corps of Engineers Attn: Natalae Tillman
601 E. 12th street Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental Services

6. US EPA ID Number
MOR000504688

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency Call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Vaulen. Signature: [signature] Month 04 Day 28 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hamm Signature: [signature] Month 04 Day 28 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name: Signature: Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: DEE TIMMERMAN Signature: Dee Timmerman Month 4 Day 28 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291460	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	07:59	07:59		

REFERENCE	ORIGIN
K 9	MEAD

Scale 1 Gross Wt.	70300	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	37300	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.65	TON	Special Waste /Slud	16.25	303.06	23.31	326.37

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
326.37
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

K-9

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39220

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
US Corps of Engineers
ATTN: Natalie Tillman
601 E. 12TH ST.
Kansas City MO. 64106

Approval Number
BCL-07-050

4. Generator's Phone ( )

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road.
David City. NE. 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT.		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of Emergency. call. 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauben.
Signature:
Month 05 Day 13 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brent Meuse Hre
Signature:
Month 05 Day 13 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL
Signature: J Engel
Month 5 Day 13 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291459	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	07:56	07:57		

REFERENCE	ORIGIN
K 8	MEAD

Scale 1 Gross Wt.	89440	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	53780	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.89	TON	Special Waste /Slud	16.25	436.96	33.61	470.57

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
470.57
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39218

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
US Corps of Engineers
ATTN: Malaloe Tillman
601 E. 12TH ST.
Kansas City Mo. 64106

4. Generator's Phone (816) 389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3598 R Rd.
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-9669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony.	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency, call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauben
Signature: [signature]
Month 05 Day 13 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Ron Hannah
Signature: [signature]
Month 05 Day 13 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL
Signature: [signature]
Month 5 Day 13 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291386	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	14:32	14:32		

REFERENCE	ORIGIN
K-8	MEAD

Scale 1 Gross Wt.	76580	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	40920	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.46	TON	Special Waste /Slud	16.25	332.48	25.58	358.06

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
358.06
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

M-9

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39221

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
US Corps of Engineers
Attn: Natalie Tillman
601 E. 12th St.
Kansas City Mo. 64106

816-389-3356

4. Generator's Phone ( )

Approval Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R. Rd
David City NE. 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of Emergency call 816 524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hawken
Signature:
Month 05 Day 12 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah
Signature:
Month 05 Day 12 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Arnold Snell
Signature:
Month 5 Day 12 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291340	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	11:36	11:37		

REFERENCE	ORIGIN
K-8	MEAD

Scale 1 Gross Wt.	73020	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	37360	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.68	TON	Special Waste /Slud	16.25	303.55	23.35	326.90

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
326.90
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39224

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
US Corps of Engineers
Attn: Walter T. Hamm
601 E. 12th St. Kc, MO 64106

4. Generator's Phone (816) 389-3356

Approval Number
BCL 07-050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816 529 0811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3580 R Road
Doniphan City NE. 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	07		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-529-0811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alan Nauler
Signature
Month 05 Day 12 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah
Signature
Month 05 Day 12 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: A Gaydon
Signature: A Gaydon
Month 5 Day 12 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291344	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	11:50	11:50		

REFERENCE	ORIGIN
K-9	MEAD

Scale 1 Gross Wt.	65320	LB
Manual Tare Wt.	33000	LB
Net Weight	32320	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.16	TON	Special Waste /Slud	16.25	262.60	20.20	282.80

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
282.80
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39223

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
US Corps of Engineers
Attn. Natalie Tillman
601 E. 12TH ST.
Kansas City, MO. 64106

4. Generator's Phone ( ) 816 389-3356

Approval Number
BCL 07-050

5. Transporter 1 Company Name
Mingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816 529 8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler Co. Landfill
3588 R Road
David City, NE. 68632

10. US EPA ID Number

C. Facility's Phone
402 367 4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with antimony.	1	DT.		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-529-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Naulen
Signature:
Month 05 Day 12 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Greg Meuschke
Signature:
Month 05 Day 12 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: A Snyder
Signature: A Snyder
Month 5 Day 12 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291348	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	12:00	12:00		

REFERENCE	ORIGIN
K-10	MEAD

Scale 1 Gross Wt. 62260 LB
Manual Tare Wt. 33340 LB
Net Weight 28920 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.46	TON	Special Waste /Slud	16.25	234.98	18.08	253.06

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
253.06
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39222

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
US Corps of Engineers
ATTN: Natalie T. Tillman
601 E. 12th St.
Kansas City MO 64106
816-389-3356

4. Generator's Phone ( )

Approval Number
BCL 07 050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R. Road
Doniphan City NE 68832

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: [illegible] | Signature: [illegible] | Month 05 Day 12 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Danny Smith | Signature: [illegible] | Month 05 Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: [illegible] | Signature: [illegible] | Month 5 Day 12 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291392	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	14:59	14:59		

REFERENCE	ORIGIN
K-10	MEAD

Scale 1 Gross Wt. 69880 LB
Manual Tare Wt. 33340 LB
Net Weight 36540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.27	TON	Special Waste /Slud	16.25	296.89	22.84	319.73

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
319.73
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type.
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39219

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
US Corp of Engineers
ATTN: Natalie Tillman
601 E 12TH ST
Kansas City Mo. 64106

4. Generator's Phone (816) 389-3256

APPROVAL Number
BCL-07-050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-529-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City NE. 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-324-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Naulen
Signature:
Month 05 Day 12 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Larry Swift
Signature:
Month 05 Day 12 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature
Month Day Year

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291472	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	08:36	08:36		

REFERENCE	ORIGIN
K-10	MEAD

Scale 1 Gross Wt.	48260	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	14920	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
7.46	TON	Special Waste /Slud	16.25	121.23	9.33	130.56

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
130.56
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch typewriter)

ALLIED WASTE INDUSTRIES, INC.

39217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
US Corp of Engineers
ATTN: Natalie Tillman
601 E 12th St.
Kansas City MO. 64106

4. Generator's Phone ( )
816-384-3356

Approval Number
BCL 07 050

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone
816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler county Landfill
3588 R Road
David city NE. 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony.	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816 524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alan Nauben
Signature:
Month 05 Day 13 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Smith
Signature:
Month 05 Day 13 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature
Month 5 Day 13 Year 08

TRANSPORTER #1

AWI Form # 121

POTENTIAL LANDFILL AREA
MANIFESTS AND WEIGH TICKETS

(798.78 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290361	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	08:49	08:49	JOHNSON	

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	90200	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	57200	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.60	TON	Special Waste /Slud	16.25	464.75	35.75	500.50
28.60	TON	Trucking/ton	5.50	157.30	0.00	157.30

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TRUCK 1
PO# 07R760

NET AMOUNT
657.80
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39259

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street

4. Generator's Phone ( ) 816-389-3356 Kansas City MO 64106

Approval Number
BCL-~~[illegible]~~ 08-023

5. Transporter 1 Company Name: Kingston Environmental Services
6. US EPA ID Number: MOR000504688
A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number
C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Huber
Signature: [signature]
Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Johnson Trucking
Signature: Frank A. Mulah
Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: A. Snyder
Signature: A. Snyder
Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290365	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:02	09:02		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	80640	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	44980	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.49	TON	Special Waste /Slud	16.25	365.46	28.11	393.57

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # K-8
PO# 07R760

NET AMOUNT
393.57
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39256

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08.023

5. Transporter 1 Company Name: Kingston Environmental Services

6. US EPA ID Number: MOR000504688

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony	1	DT		Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290366	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:06	09:06		

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	71600	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	38600	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.30	TON	Special Waste /Slud	16.25	313.63	24.13	337.76

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # K-9
PO# 07R760

NET AMOUNT
337.76
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

35237

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haulen | Signature | Month 04 | Day 30 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: BRITT MEUSCHKE | Signature | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: A Snyder | Signature | Month 4 | Day 30 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290369	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:24	09:24	JOHNSON	

REFERENCE	ORIGIN
07-050	MEAD

Scale 1 Gross Wt.	90180	LB	Inbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	56600	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.30	TON	Special Waste /Slud	16.25	459.88	35.38	495.26
28.30	TON	Trucking/ton	5.50	155.65	0.00	155.65

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TRUCK 2
PO# 07R760

NET AMOUNT
650.91
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38256

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Doug Hishey | Signature | Month 4 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature: J Engel | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290376	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:46	09:46	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Scale 1 Gross Wt.	96740	LB
Manual Tare Wt.	31880	LB
Net Weight	64860	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.43	TON	Special Waste /Slud	16.25	526.99	40.54	567.53
32.43	TON	Trucking/ton	5.50	178.37	0.00	178.37

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
745.90
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38258

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Huvar. | Signature: [signature] | Month 04 | Day 30 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Ryan Lockner | Signature: Ryan Lockner | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: [signature] | Signature: [signature] | Month 4 | Day 30 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290375	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:44	09:44	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Manual Gross Wt. 96160 LB
Manual Tare Wt. 34500 LB
Net Weight 61660 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.83	TON	Special Waste /Slud	16.25	500.99	38.54	539.53
30.83	TON	Trucking/ton	5.50	169.57	0.00	169.57

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
709.10
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
Form designed for use on elite (12-pitch) typewriter

ALLIED WASTE INDUSTRIES, INC.

39280

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08.023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauben | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: David Eilers | Signature | Month 4 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290377	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	09:51	09:51	JOHNSON	

REFERENCE	ORIGIN
TRK 6	MEAD

Manual Gross Wt. 101220 LB
Manual Tare Wt. 32180 LB
Net Weight 69040 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.52	TON	Special Waste /Slud	16.25	560.95	43.15	604.10
34.52	TON	Trucking/ton	5.50	189.86	0.00	189.86

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
793.96
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39281

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauber
Signature:
Month 04 Day 30 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name:
Signature:
Month 4 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name:
Signature:
Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290382	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	10:07	10:07		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	72400	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	39060	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.53	TON	Special Waste /Slud	16.25	317.36	24.41	341.77

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
341.77
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38262

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hawk
Signature:
Month 04 Day 30 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift
Signature:
Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman
Signature:
Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form 9 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290397	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	11:22	11:22	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Manual Gross Wt.	106720	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	73720	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.86	TON	Special Waste /Slud	16.25	598.98	46.08	645.06
36.86	TON	Trucking/ton	5.50	202.73	0.00	202.73

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
847.79
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

ALLIED WASTE INDUSTRIES, INC.

39269

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name	Signature	Month	Day	Year
Alvin Nawton	[signature]	04	30	08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year
Johnson Trucking #1	[signature]	04	30	08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name	Signature	Month	Day	Year
	[signature]	4	30	8

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290398	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	11:25	11:25		

REFERENCE	ORIGIN
TRK K-8	MEAD

Scale 1 Gross Wt.	78080	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	42420	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.21	TON	Special Waste /Slud	16.25	344.66	26.51	371.17

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
371.17
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39264

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauben. | Signature | Month 04 | Day 30 | Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannel | Signature | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman | Signature | Month 4 | Day 30 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290403	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	11:34	11:34		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	73140	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	40140	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.07	TON	Special Waste /Slud	16.25	326.14	25.09	351.23

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
351.23
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

ALLIED WASTE INDUSTRIES, INC.

38265

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

TRANSPORTER

Printed / Typed Name	Signature	Month	Day	Year
Alvin Hauber	[signature]	04	30	08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year
Brett Meuchel	[signature]	04	30	08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name	Signature	Month	Day	Year
Lee Zimmerman	[signature]	4	30	08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290404	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	11:46	11:46	JOHNSON	

REFERENCE	ORIGIN
TRK 2	MEAD

Manual Gross Wt.	102880	LB	Inbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	69300	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.65	TON	Special Waste /Slud	16.25	563.06	43.31	606.37
34.65	TON	Trucking/ton	5.50	190.58	0.00	190.58

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
796.95
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39266

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

Approval Number
BCL-[redacted] 08.023

4. Generator's Phone ( ) 816-389-3356

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Harden | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Doug Hiskey | Signature | Month 4 Day 30 Year 8

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 Day 30 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290408	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	12:04	12:04	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	96220	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	61720	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.86	TON	Special Waste /Slud	16.25	501.48	38.58	540.06
30.86	TON	Trucking/ton	5.50	169.73	0.00	169.73

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
709.79
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

ALLIED WASTE INDUSTRIES, INC.

35267

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger | Signature: [signature] | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: David Eileas | Signature: [signature] | Month 4 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: JENGEL | Signature: [signature] | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290411	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	12:28	12:28	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Manual Gross Wt.	107720	LB	Inbound - Charge ticket
Manual Tare Wt.	31880	LB	
Net Weight	75840	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.92	TON	Special Waste /Slud	16.25	616.20	47.40	663.60
37.92	TON	Trucking/ton	5.50	208.56	0.00	208.56

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
872.16
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE Ryan Lochner

ALLIED WASTE INDUSTRIES, INC.

33268

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( )816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin HAUGEN
Signature: Alvin Haugen
Month 04 Day 30 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Ryan Loctner
Signature: Ryan Loctner
Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature: Lee Zimmerman
Month 4 Day 30 Year 8

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290414	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	12:40	12:40	JOHNSON	

REFERENCE	ORIGIN
TRK 6	MEAD

Manual Gross Wt.	105480	LB
Manual Tare Wt.	32180	LB
Net Weight	73300	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.65	TON	Special Waste /Slud	16.25	595.56	45.81	641.37
36.65	TON	Trucking/ton	5.50	201.58	0.00	201.58

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
842.95
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
Form designed for use on elite (12-pitch) typewriter

ALLIED WASTE INDUSTRIES, INC.

33269

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Harden | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month 4 Day 30 Year 8

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290415	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	12:42	12:42		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	70660	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	37320	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.66	TON	Special Waste /Slud	16.25	303.23	23.33	326.56

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
326.56
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39270

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( )816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauben | Signature | Month 04 | Day 30 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift | Signature | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 | Day 30 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290432	LANDFILL	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	14:00	14:00		

REFERENCE	ORIGIN
K-8	MEAD

Scale 1 Gross Wt.	79360	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	43700	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.85	TON	Special Waste /Slud	16.25	355.06	27.31	382.37

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.
MANIFEST # 08-023
PO# 07R760

NET AMOUNT
382.37
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form Designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38271

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alan Hauben | Signature | Month 04 | Day 30 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month | Day | Year

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290435	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	14:25	14:25	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Scale 1 Gross Wt.	95980	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	62980	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.49	TON	Special Waste /Slud	16.25	511.71	39.36	551.07
31.49	TON	Trucking/ton	5.50	173.20	0.00	173.20

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

Franka Meelah

NET AMOUNT
724.27
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

34272

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger
Signature: [signature]
Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Johnson Trucking #1
Signature: [signature]
Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name
Signature: [signature]
Month 4 Day 30 Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290437	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	14:41	14:41	JOHNSON	

REFERENCE	ORIGIN
TRK 2	MEAD

Scale 1 Gross Wt.	90220	LB	Inbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	56640	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.32	TON	Special Waste /Slud	16.25	460.20	35.40	495.60
28.32	TON	Trucking/ton	5.50	155.76	0.00	155.76

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
651.36
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

ALLIED WASTE INDUSTRIES, INC.

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

39273

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hansen | Signature: [signature] | Month | Day | Year

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Doug Hiskey | Signature: [signature] | Month: 4 | Day: 30 | Year: 8

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature: [signature] | Month: 4 | Day: 30 | Year: 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290441	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	14:49	14:49	JOHNSON	

REFERENCE	ORIGIN
TRK 8	MEAD

Scale 1 Gross Wt.	94800	LB	Inbound - Charge ticket
Manual Tare Wt.	33200	LB	
Net Weight	61600	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.80	TON	Special Waste /Slud	16.25	500.50	38.50	539.00
30.80	TON	Trucking/ton	5.50	169.40	0.00	169.40

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
708.40
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

30274

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Joe Ziemba | Signature | Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature | Month 4 Day 30 Year 2008

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290446	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	15:02	15:02	JOHNSON	

REFERENCE	ORIGIN
TRK 32	MEAD

Scale 1 Gross Wt.	94940	LB	Inbound - Charge ticket
Manual Tare Wt.	34500	LB	
Net Weight	60440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.22	TON	Special Waste /Slud	16.25	491.08	37.78	528.86
30.22	TON	Trucking/ton	5.50	166.21	0.00	166.21

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
695.07
TENDERED
CHANGE
CHECK NO.

SIGNATURE

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39276

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08 023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen | Signature: [signature] | Month 04 Day 30 Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: David Eilers | Signature: [signature] | Month 4 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature: [signature] | Month 4 Day 30 Year 08

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290447	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	15:04	15:04		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	65960	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	32960	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.48	TON	Special Waste /Slud	16.25	267.80	20.60	288.40

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
288.40
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39276

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen | Signature | Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meusche | Signature | Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290454	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	15:35	15:35	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Manual Gross Wt.	104120	LB	Inbound - Charge ticket
Manual Tare Wt.	31880	LB	
Net Weight	72240	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.12	TON	Special Waste /Slud	16.25	586.95	45.15	632.10
36.12	TON	Trucking/ton	5.50	198.66	0.00	198.66

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

Don Loeher

NET AMOUNT
830.76
TENDERED
CHANGE
CHECK NO

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

30277

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-~~[illegible]~~ 08-023

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger | Signature: [signature] | Month 04 | Day 30 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Ryan Lockner | Signature: Ryan Lockner | Month 04 | Day 30 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman | Signature: [signature] | Month 4 | Day 30 | Year 8

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290452	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	15:24	15:24		

REFERENCE	ORIGIN
TRK K-10	MEAD

Manual Gross Wt.	68640	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	35300	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.65	TON	Special Waste /Slud	16.25	286.81	22.06	308.87

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
308.87
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39279

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hansen — Signature: [signature] — Month 04 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Smith — Signature: [signature] — Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name — Signature — Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL — Signature: [signature] — Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290459	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/30/08	04/30/08	16:17	16:17		

REFERENCE	ORIGIN
TRK K-8	MEAD

Manual Gross Wt.	75000	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	39340	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.67	TON	Special Waste /Slud	16.25	319.64	24.59	344.23

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
344.23
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOF

Please Print or Type
(Form Designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39279

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 09 023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Jacobson | Signature | Month 09 Day 30 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 04 Day 30 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: ENGEL | Signature | Month 4 Day 30 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290487	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	08:06	08:06		

REFERENCE	ORIGIN
K-9	MEAD

Scale 1 Gross Wt.	72960	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	39960	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.98	TON	Special Waste /Slud	16.25	324.68	24.98	349.66

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
349.66
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

ALLIED WASTE INDUSTRIES, INC.

38280

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address

U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-~~[illegible]~~ 08-023

5. Transporter 1 Company Name: LINGSTON ENVIRONTAL

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Dawson. Signature: [signature] Month 05 Day 01 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Brett Meusellac Signature: [signature] Month 05 Day 01 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name: Signature: Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL Signature: [signature] Month 5 Day 1 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290489	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	08:10	08:10		

REFERENCE	ORIGIN
K-10	MEAD

Scale 1 Gross Wt. 69100 LB
Manual Tare Wt. 33340 LB
Net Weight 35760 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.88	TON	Special Waste /Slud	16.25	290.55	22.35	312.90

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
312.90
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

38281

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08.023

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Lauber
Signature:
Month 05 Day 01 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift
Signature:
Month 05 Day 01 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: ENGEL
Signature:
Month 5 Day 1 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290486	LANDFILL	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	08:03	08:03		

REFERENCE	ORIGIN
K-8	MEAD

Scale 1 Gross Wt.	74460	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	38800	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.40	TON	Special Waste /Slud	16.25	315.25	24.25	339.50

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
339.50
TENDERED
CHANGE
CHECK NO

Please print or type
(Form designed for use on elite (12 pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

30282

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-07-050

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hudson | Signature | Month 05 | Day 01 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 05 | Day 01 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

J ENGEL

Printed / Typed Name | Signature J Engel | Month 5 | Day 1 | Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290506	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	10:12	10:12		

REFERENCE	ORIGIN
TRK K-8	MEAD

Manual Gross Wt.	64760	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	29100	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.55	TON	Special Waste /Slud	16.25	236.44	18.19	254.63

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
254.63
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

ALLIED WASTE INDUSTRIES, INC.

38283

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08-023

5. Transporter 1 Company Name: Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Haugen | Signature | Month 05 | Day 01 | Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 05 | Day 01 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature | Month 5 | Day 1 | Year 8

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290510	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	10:30	10:30		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	60420	LB	Inbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	27420	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
13.71	TON	Special Waste /Slud	16.25	222.79	17.14	239.93

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
239.93
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

ALLIED WASTE INDUSTRIES, INC.

39284

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08.023

5. Transporter 1 Company Name
Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone
402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Dungen
Signature:
Month 05 Day 01 Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL
Signature: J Engel
Month 5 Day 21 Year 08

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290511	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	10:34	10:34		

REFERENCE	ORIGIN
TRK K-10	MEAD

Scale 1 Gross Wt.	61380	LB	Inbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	28040	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.02	TON	Special Waste /Slud	16.25	227.83	17.53	245.36

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# 07R760

NET AMOUNT
245.36
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

ALLIED WASTE INDUSTRIES, INC.

35205

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Nalalae Tillman
601 E. 12th Street
Kansas City MO 64106

4. Generator's Phone ( ) 816-389-3356

Approval Number
BCL-[redacted] 08 023

5. Transporter 1 Company Name: Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: 402-367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil contaminated with Antimony	1	DT		tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
In case of emergency call 816-524-8811

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Vaugen | Signature: [signature] | Month 05 | Day 01 | Year 08

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Daniel Swift | Signature: [signature] | Month 05 | Day 01 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Lee Zimmerman | Signature: [signature] | Month 5 | Day 1 | Year 8

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER #1

AWI Form # 121

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290548	LANDFILL	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	14:40	14:40		

REFERENCE	ORIGIN
K-8	MEAD

Scale 1 Gross Wt.	63180	LB	Inbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	27520	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
13.76	TON	Special Waste /Slud	16.25	223.60	17.20	240.80

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

Maybe last load

NET AMOUNT
240.80
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Please print or type
Form designed for use on elite (12-pitch) typewriter

ALLIED WASTE INDUSTRIES, INC.

30286

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
U.S. Corps of Engineers
Attn: Natalae Tillman
601 E. 12th Street
Kansas City, MO 64106

4. Generator's Phone (816) 389-3356

Approval Number: BCL ~~[illegible]~~ 08.023

5. Transporter 1 Company Name: Kingston Environmental

6. US EPA ID Number

A. Transporter's Phone: 816-524-8811

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Butler County Landfill
3588 R Road
David City, NE 68632

10. US EPA ID Number

C. Facility's Phone: (402) 367-4669

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Soil Contaminated with Antimony				
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information
In case of emergency call 816-524-8811.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: Alvin Hauger | Signature | Month 05 | Day 01 | Year 08

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed / Typed Name: Don Hannah | Signature | Month 05 | Day 01 | Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed / Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipts of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: J ENGEL | Signature | Month 5 | Day 1 | Year 08

TRANSPORTER #1

AWI Form # 121

CERTIFICATION OF DISPOSAL

Butler County Landfill, Inc.
David City, Nebraska 68632

Record of Burial

Hauler Kingston/Johnson **Date** Apr 28 2008 - May 15 2008

Address 3588 R ROAD **Phone** 402-367-4662

City DAVID CITY **State** NE **Zip** 68632

Generator Kingston Environmental **Location** Mead, NE

Type of Waste Contaminated Soil 1601.25 Ton
69 Loads

This document certifies that the waste identified above was received and was properly disposed and buried in the Butler County Landfill.

Matt Snyder

Signature of Landfill Personnel

APPENDIX K – BACKFILL/TOPSOIL WEIGH TICKETS

LOAD LINE 2 BACKFILL TICKETS

(673.29 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291513	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:52	10:52		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	76180	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	43180	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.59	TON	~~CLAY DIRT~~ FROM CELL- TOP SOIL	3.00	64.77	0.00	64.77

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

#2

PO# TOP SOIL

NET AMOUNT
64.77
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291543	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	12:55	12:55		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	71080	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	38080	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.04	TON	~~CLAY DIRT~~ FROM CELL- TOP SOIL	3.00	57.12	0.00	57.12

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

#2

PO# TOP SOIL

NET AMOUNT
57.12
TENDERED
CHANGE
CHECK NO.

SIGNATURE

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

#2

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291547	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	13:08	13:08		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	68500	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	35160	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.58	TON	CLAY DIRT FROM CELL-	3.00	52.74	0.00	52.74

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
52.74
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

#2

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291515	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:58	10:58		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	73900	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	40560	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.28	TON	CLAY DIRT FROM CELL-	3.00	60.84	0.00	60.84

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
60.84
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291490	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:18	10:18	JOHNSON	

REFERENCE	ORIGIN
TRK 9	BUTLER COUNTY

Manual Gross Wt.	94340	LB	Outbound - Charge ticket
Manual Tare Wt.	33020	LB	
Net Weight	61320	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.66	TON	~~CLAY DIRT~~ FROM CELL-	3.00	91.98	0.00	91.98
30.66	TON	Trucking/ton	7.25	222.29	0.00	222.29

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
314.27
TENDERED
CHANGE
CHECK NO.

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WW6T! TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291496	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:23	10:23		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	78360	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	42700	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.35	TON	~~CLAY DIRT~~ FROM CELL-	3.00	64.05	0.00	64.05

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
64.05
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

#2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291536	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	12:32	12:32		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	74100	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	38440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.22	TON	~~CLAY DIRT~~ FROM CELL-	3.00	57.66	0.00	57.66

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
57.66
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ #2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291580	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:55	14:55		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	76640	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	40980	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.49	TON	~~CLAY DIR~~T FROM CELL-	3.00	61.47	0.00	61.47

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
61.47
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE DA #2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291535	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	12:28	12:28	JOHNSON	

REFERENCE	ORIGIN
T-9	BUTLER COUNTY

Manual Gross Wt.	98540	LB	Outbound - Charge ticket
Manual Tare Wt.	33020	LB	
Net Weight	65520	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.76	TON	~~CLAY DIR~~T FROM CELL-	3.00	98.28	0.00	98.28
32.76	TON	Trucking/ton	7.25	237.51	0.00	237.51

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
335.79
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE d2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291487	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:10	10:10	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Manual Gross Wt.	96240	LB	Outbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	62660	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.33	TON	~~CLAY DIRT F~~ROM CELL-	3.00	93.99	0.00	93.99
31.33	TON	Trucking/ton	7.25	227.14	0.00	227.14

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
321.13
TENDERED
CHANGE
CHECK NO.

*2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291532	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	12:23	12:23	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Manual Gross Wt.	99120	LB	Outbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	65540	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.77	TON	~~CLAY DIR~~T FROM CELL-	3.00	98.31	0.00	98.31
32.77	TON	Trucking/ton	7.25	237.58	0.00	237.58

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
335.89
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ #2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291115	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	14:56	14:56		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	74660	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	39000	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.50	TON	CLAY DIRT FROM CELL-	3.00	58.50	0.00	58.50

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
58.50
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE A2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291095	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	12:55	12:55		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	71780	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	36120	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.06	TON	CLAY DIRT FROM CELL-	3.00	54.18	0.00	54.18

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
54.18
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ *2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291062	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	10:33	10:33		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	76400	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	40740	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.37	TON	CLAY DIRT FROM CELL-	3.00	61.11	0.00	61.11

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
61.11
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ #2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291044	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	08:26	08:27		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	72720	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	37060	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.53	TON	CLAY DIRT FROM CELL-	3.00	55.59	0.00	55.59

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
55.59
TENDERED
CHANGE
CHECK NO.

LL2

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE *2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290845	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	10:18	10:49	JOHNSON	

REFERENCE	ORIGIN
TRK 1	MEAD

Manual Gross Wt.	103580	LB	Outbound - Charge ticket
Scale 1 Tare Wt.	33940	LB	
Net Weight	69640	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.82	TON	CLAY DIRT FROM CELL-	3.00	104.46	0.00	104.46

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
104.46
TENDERED
CHANGE
CHECK NO.

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SIGNATURE

Lf

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290959	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:12	10:12	JOHNSON	

REFERENCE	ORIGIN
TRK 1	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.82	TON	Trucking/ton	7.25	252.45	0.00	252.45

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290845 DATED 5/6/08

PLA

NET AMOUNT
252.45
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

COUNTY LANDFILL, INC.
AD
Y NE 68632

0 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290861	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	11:20	11:20	JOHNSON	

REFERENCE	ORIGIN
TRK 6	MEAD

Manual Gross Wt.	106200	LB	Outbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	74020	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.01	TON	CLAY DIRT FROM CELL-	3.00	111.03	0.00	111.03

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
111.03
TENDERED
CHANGE
CHECK NO.

PLA

SIGNATURE

LC

BU COUNTY LANDFILL, INC.
35&o ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290960	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:13	10:13	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.01	TON	Trucking/ton	7.25	268.32	0.00	268.32

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290867 DATED 5/6/08

PLA

NET AMOUNT
268.32
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291045	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	08:31	08:31		

REFERENCE	ORIGIN
	BUTLER COUNTY

Scale 1 Gross Wt.	70900	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	37900	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.95	TON	CLAY DIRT FROM CELL-	3.00	56.85	0.00	56.85

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
56.85
TENDERED
CHANGE
CHECK NO.

LL2

SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290881	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	13:05	13:24	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Scale 1 Gross Wt.	92480	LB	Outbound - Charge ticket
Scale 1 Tare Wt.	33000	LB	
Net Weight	59480	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.74	TON	CLAY DIRT FROM CELL-	3.00	89.22	0.00	89.22

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
89.22
TENDERED
CHANGE
CHECK NO.

PLA

SIGNATURE _____ LA

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290961	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:15	10:15	JOHNSON	

REFERENCE	ORIGIN
TRK 3	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.74	TON	Trucking/ton	7.25	215.62	0.00	215.62

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290881 DATED 5/6/08 PLA

NET AMOUNT
215.62
TENDERED
CHANGE
CHECK NO.

 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290886	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	13:18	13:38	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Scale 1 Gross Wt.	95640	LB	Outbound - Charge ticket
Scale 1 Tare Wt.	32800	LB	
Net Weight	62840	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.42	TON	CLAY DIRT FROM CELL-	3.00	94.26	0.00	94.26

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
94.26
TENDERED
CHANGE
CHECK NO.

PLA

SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290962	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:17	10:17	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.42	TON	Trucking/ton	7.25	227.80	0.00	227.80

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290886 DATED 5/6/08

PLA

NET AMOUNT
227.80
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291111	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	14:43	14:43	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Manual Gross Wt.	95800	LB	Outbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	63620	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.81	TON	CLAY DIRT FROM CELL-	3.00	95.43	0.00	95.43
31.81	TON	Trucking/ton	7.25	230.62	0.00	230.62

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
326.05
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ #2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291087	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	12:30	12:30	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Manual Gross Wt.	90580	LB	Outbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	58400	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.20	TON	CLAY DIRT FROM CELL-	3.00	87.60	0.00	87.60
29.20	TON	Trucking/ton	7.25	211.70	0.00	211.70

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
299.30
TENDERED
CHANGE
CHECK NO.

LL2

SIGNATURE

#2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291040	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	08:00	08:00	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Scale 1 Gross Wt.	94460	LB
Manual Tare Wt.	32180	LB
Net Weight	62280	LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.14	TON	CLAY DIRT FROM CELL-	3.00	93.42	0.00	93.42

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
93.42
TENDERED
CHANGE
CHECK NO.

LL2

SIGNATURE

2

WEIGH TO RECORDER CONTACT CAROLINA SOFTWARE (810) 799-6763

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291041	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	08:02	08:02	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.14	TON	Trucking/ton	7.25	225.77	0.00	225.77

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
225.77
TENDERED
CHANGE
CHECK NO.

LL2

SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291060	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	10:27	10:27	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Manual Gross Wt.	92200	LB	Outbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	60020	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.01	TON	CLAY DIRT FROM CELL-	3.00	90.03	0.00	90.03
30.01	TON	Trucking/ton	7.25	217.57	0.00	217.57

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
307.60
TENDERED
CHANGE
CHECK NO.

LL2

SIGNATURE

A2

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291066	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	10:46	10:46		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	70900	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	37900	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.95	TON	CLAY DIRT FROM CELL-	3.00	56.85	0.00	56.85

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
56.85
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291123	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	15:24	15:24		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	69940	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	36940	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.47	TON	CLAY DIRT FROM CELL-	3.00	55.41	0.00	55.41

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
55.41
TENDERED
CHANGE
CHECK NO.

LL2

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291101	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	13:33	13:33		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Scale 1 Gross Wt.	69480	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	36480	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.24	TON	CLAY DIRT FROM CELL-	3.00	54.72	0.00	54.72

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
54.72
TENDERED
CHANGE
CHECK NO.

LL2

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

LOAD LINE 4 BACKFILL TICKETS

(321.79 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

LF

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291475	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	08:57	08:57		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Scale 1 Gross Wt.	72600	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	39260	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.63	TON	~~CLAY DIRT FR~~OM CELL- tops	3.00	58.89	0.00	58.89

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

#4

PO# TOP SOIL

NET AMOUNT
58.89
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291464	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	08:18	08:18		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	78000	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	42340	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.17	TON	~~CLAY~~ ~~DIRT~~ FROM CELL- Top Soil	3.00	63.51	0.00	63.51

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
63.51
TENDERED
CHANGE
CHECK NO.

#4

SIGNATURE DA

LF

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

II 4

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291816	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	14:58	14:58		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	83540	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	50200	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.10	TON	CLAY DIRT FROM CELL-	3.00	75.30	0.00	75.30

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
75.30
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

A-1

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291785	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	12:45	12:45		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	74740	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	41400	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.70	TON	CLAY DIRT FROM CELL-	3.00	62.10	0.00	62.10

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
62.10
TENDERED
CHANGE
CHECK NO.

 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

#4

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291751	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	09:54	09:54		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	76440	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	43100	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.55	TON	CLAY DIRT FROM CELL-	3.00	64.65	0.00	64.65

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
64.65
TENDERED
CHANGE
CHECK NO.

WW6TT TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

X4

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291726	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	07:51	07:51		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Scale 1 Gross Wt.	65660	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	32320	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.16	TON	CLAY DIRT FROM CELL-	3.00	48.48	0.00	48.48

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
48.48
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291731	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	07:59	07:59		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Scale 1 Gross Wt.	78840	LB
Manual Tare Wt.	33000	LB
Net Weight	45840	LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.92	TON	CLAY DIRT FROM CELL-	3.00	68.76	0.00	68.76

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

4

NET AMOUNT
68.76
TENDERED
CHANGE
CHECK NO.

SIGNATURE

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291756	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	10:08	10:08		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	85020	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	52020	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.01	TON	CLAY DIRT FROM CELL-	3.00	78.03	0.00	78.03

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
78.03
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291819	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	15:04	15:05		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Scale 1 Gross Wt.	73340	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	40340	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.17	TON	CLAY DIRT FROM CELL-	3.00	60.51	0.00	60.51

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
60.51
TENDERED
CHANGE
CHECK NO.

SIGNATURE

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291789	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	12:52	12:52		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	79820	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	46820	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.41	TON	CLAY DIRT FROM CELL-	3.00	70.23	0.00	70.23

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

4

NET AMOUNT
70.23
TENDERED
CHANGE
CHECK NO.

SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291817	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	15:01	15:02		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	73940	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	38280	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.14	TON	CLAY DIRT FROM CELL-	3.00	57.42	0.00	57.42

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
57.42
TENDERED
CHANGE
CHECK NO.

SIGNATURE

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BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291729	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	07:54	07:54		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	77960	LB
Manual Tare Wt.	35660	LB
Net Weight	42300	LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.15	TON	CLAY DIRT FROM CELL-	3.00	63.45	0.00	63.45

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
63.45
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE #4

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291752	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	09:57	09:57		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	82100	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	46440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.22	TON	CLAY DIRT FROM CELL-	3.00	69.66	0.00	69.66

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
69.66
TENDERED
CHANGE
CHECK NO.

WW6TJ TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

#4

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291787	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	12:48	12:48		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Manual Gross Wt.	78440	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	42780	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.39	TON	CLAY DIRT FROM CELL-	3.00	64.17	0.00	64.17

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
64.17
TENDERED
CHANGE
CHECK NO.

WW6T) TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

#4

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291582	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	15:00	15:00		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Manual Gross Wt.	73140	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	40140	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.07	TON	~~CLAY DIRT~~ FROM CELL- TOP SOIL	3.00	60.21	0.00	60.21

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

LAND FILL

PO# TOP SOIL

NET AMOUNT
60.21
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

POTENTIAL LANDFILL AREA BACKFILL TICKETS

(798.78 Tons Total)

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291562	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:17	14:17	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.34	TON	Trucking/ton	7.25	198.22	0.00	198.22

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291335 DATED 5/12/2008
PO# CORRECTING TRKG CHARGES

NET AMOUNT
198.22
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291565	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:22	14:22	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.85	TON	Trucking/ton	7.25	230.91	0.00	230.91

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291436 DATED 5/12/2008
PO# CORRECTING TRKG CHARGES

NET AMOUNT
230.91
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291575	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:48	14:48	JOHNSON	

REFERENCE	ORIGIN
TRK 3	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.80	TON	Trucking/ton	7.25	266.80	0.00	266.80

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291437 DATED 5/12/08
PO# CORRECTING TRKG CHARGES

NET AMOUNT
266.80
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291437	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	16:29	16:29	JOHNSON	

REFERENCE	ORIGIN
TRUCK 3	BUTLER COUNTY

Manual Gross Wt. 105480 LB
Manual Tare Wt. 31880 LB
Net Weight 73600 LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.80	TON	CLAY DIRT FROM CELL-	3.00	110.40	0.00	110.40
1.00	TON	Trucking/ton	7.25	7.25	0.00	7.25

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
117.65
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291568	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:34	14:34	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt. 0 LB
Stored Tare Wt. 0 LB
Net Weight 0 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.83	TON	Trucking/ton	7.25	252.52	0.00	252.52

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291341 DATED 5/12/08
PO# CORRECTING TKG CHARGES

NET AMOUNT
252.52
TENDERED
CHANGE
CHECK NO.

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291569	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:36	14:36	JOHNSON	

REFERENCE	ORIGIN
TRK 9	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.75	TON	Trucking/ton	7.25	259.19	0.00	259.19

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291342 DATED 5/12/08
PO# CORRECTING TKG CHARGES

NET AMOUNT
259.19
TENDERED
CHANGE
CHECK NO

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BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291571	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:39	14:39	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.00	TON	Trucking/ton	7.25	232.00	0.00	232.00

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291382 DATED 5/12/08
PO# CORRECTING TRKG CHARGES

NET AMOUNT
232.00
TENDERED
CHANGE
CHECK NO.

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291573	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:44	14:44	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt. 0 LB
Stored Tare Wt. 0 LB
Net Weight 0 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.41	TON	Trucking/ton	7.25	263.97	0.00	263.97

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291388 DATED 5/12/08
PO# CORRECTING TRKG CHARGES

NET AMOUNT 263.97
TENDERED
CHANGE
CHECK NO.

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BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291581	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:57	14:57	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Stored Gross Wt. 0 LB
Stored Tare Wt. 0 LB
Net Weight 0 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.05	TON	Trucking/ton	7.25	254.11	0.00	254.11

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291441 DATED 5/12/08
PO# CORRECTING TKG CHARGES

NET AMOUNT 254.11
TENDERED
CHANGE
CHECK NO

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291574	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:45	14:45	JOHNSON	

REFERENCE	ORIGIN
TRK 9	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.28	TON	Trucking/ton	7.25	226.78	0.00	226.78

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291391 DATED 5/12/08
PO# CORRECTING TRKG CHARGES

NET AMOUNT
226.78
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291570	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:37	14:37	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.77	TON	Trucking/ton	7.25	230.33	0.00	230.33

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # TKT 291372 DATED 5/12/08
PO# CORRECTING TRKG CHARGES

NET AMOUNT
230.33
TENDERED
CHANGE
CHECK NO.

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291572	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	14:40	14:40	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Manual Gross Wt.	90380	LB	Outbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	56800	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.40	TON	~~CLAY DIRT~~ FROM CELL-	3.00	85.20	0.00	85.20
28.40	TON	Trucking/ton	7.25	205.90	0.00	205.90

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
291.10
TENDERED
CHANGE
CHECK NO.

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3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291505	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:33	10:33	JOHNSON	

REFERENCE	ORIGIN
TRK 9	BUTLER COUNTY

Manual Gross Wt.	104400	LB	Outbound - Charge ticket
Manual Tare Wt.	33020	LB	
Net Weight	71380	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.69	TON	~~CLAY DIRT~~ FROM CELL-	3.00	107.07	0.00	107.07
35.69	TON	Trucking/ton	7.25	258.75	0.00	258.75

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
365.82
TENDERED
CHANGE
CHECK NO.

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DAVID CITY NE 68632

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Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291519	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	11:26	11:26	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Manual Gross Wt.	104340	LB	Outbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	70760	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.38	TON	~~CLAY DIRT~~ FROM CELL-	3.00	106.14	0.00	106.14
35.38	TON	Trucking/ton	7.25	256.51	0.00	256.51

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
362.65
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE Lf

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291514	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	10:53	10:53	JOHNSON	

REFERENCE	ORIGIN
TRK 6	BUTLER COUNTY

Manual Gross Wt.	106620	LB	Outbound - Charge ticket
Manual Tare Wt.	32180	LB	
Net Weight	74440	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.22	TON	~~CLAY/DIR~~T FROM CELL-	3.00	111.66	0.00	111.66
37.22	TON	Trucking/ton	7.25	269.85	0.00	269.85

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
381.51
TENDERED
CHANGE
CHECK NO.

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3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291355	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	12:22	12:22		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Scale 1 Gross Wt.	63040	LB	Outbound - Charge ticket
Manual Tare Wt.	33000	LB	
Net Weight	30040	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.02	TON	CLAY DIRT FROM CELL-	3.00	45.06	0.00	45.06

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PLA

NET AMOUNT
45.06
TENDERED
CHANGE
CHECK NO.

WW6T! TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

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3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291405	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	15:22	15:22		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Scale 1 Gross Wt.	68380	LB
Manual Tare Wt.	33340	LB
Net Weight	35040	LB

Outbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.52	TON	CLAY DIRT FROM CELL-	3.00	52.56	0.00	52.56

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PLA

NET AMOUNT
52.56
TENDERED
CHANGE
CHECK NO.

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BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291356	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	12:25	12:25		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Scale 1 Gross Wt.	68120	LB
Manual Tare Wt.	33340	LB
Net Weight	34780	LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.39	TON	CLAY DIRT FROM CELL-	3.00	52.17	0.00	52.17

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

P.L.A

NET AMOUNT
52.17
TENDERED
CHANGE
CHECK NO.

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BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291393	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	15:01	15:01		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	78380	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	42720	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.36	TON	CLAY DIRT FROM CELL-	3.00	64.08	0.00	64.08

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
64.08
TENDERED
CHANGE
CHECK NO.

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3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291351	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/12/08	05/12/08	12:06	12:07		

REFERENCE	ORIGIN
K-8	BUTLER COUNTY

Scale 1 Gross Wt.	82240	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	46580	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.29	TON	CLAY DIRT FROM CELL-	3.00	69.87	0.00	69.87

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
69.87
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE DA LC

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291470	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	08:33	08:33		

REFERENCE	ORIGIN
K-9	BUTLER COUNTY

Scale 1 Gross Wt. 69420 LB
Manual Tare Wt. 33000 LB
Net Weight 36420 LB

Outbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.21	TON	CLAY DIRT FROM CELL-	3.00	54.63	0.00	54.63

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

PLB.

NET AMOUNT 54.63
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

LF

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291585	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/13/08	05/13/08	15:10	15:10		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	70640	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	37300	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.65	TON	CLAY DIRT FROM CELL-	3.00	55.95	0.00	55.95

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

PO# TOP SOIL

NET AMOUNT
55.95
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

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Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290831	OTHER	Jan Engel

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	08:42	08:42	JOHNSON	

REFERENCE	ORIGIN
#3	BUTLER COUNTY

Manual Gross Wt. 97060 LB
Manual Tare Wt. 31880 LB
Net Weight 65180 LB

Outbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.59	TON	CLAY DIRT FROM CELL-	3.00	97.77	0.00	97.77

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
97.77
TENDERED
CHANGE
CHECK NO.

PLA

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3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290956	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:05	10:05	JOHNSON	

REFERENCE	ORIGIN
TRK 3	BUTLER COUNTY

Stored Gross Wt. 0 LB
Stored Tare Wt. 0 LB
Net Weight 0 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.59	TON	Trucking/ton	7.25	236.28	0.00	236.28

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290831 DATED 5/6/08

PLA

NET AMOUNT
236.28
TENDERED
CHANGE
CHECK NO

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290851	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	10:41	10:41	JOHNSON	

REFERENCE	ORIGIN
TRK 3	MEAD

Manual Gross Wt.	101200	LB	Outbound - Charge ticket
Manual Tare Wt.	31880	LB	
Net Weight	69320	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.66	TON	CLAY DIRT FROM CELL-	3.00	103.98	0.00	103.98

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
103.98
TENDERED
CHANGE
CHECK NO

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ Lf

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290957	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:08	10:08	JOHNSON	

REFERENCE	ORIGIN
TRK 3	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.66	TON	Trucking/ton	7.25	251.29	0.00	251.29

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290851 DATED 5/6/08

NET AMOUNT
251.29
TENDERED
CHANGE
CHECK NO

PLA

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290843	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	10:15	10:15	JOHNSON	

REFERENCE	ORIGIN
TRK 2	MEAD

Manual Gross Wt.	100140	LB	Outbound - Charge ticket
Manual Tare Wt.	33580	LB	
Net Weight	66560	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.28	TON	CLAY DIRT FROM CELL-	3.00	99.84	0.00	99.84

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
99.84
TENDERED
CHANGE
CHECK NO.

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE Lf

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290958	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/07/08	05/07/08	10:10	10:10	JOHNSON	

REFERENCE	ORIGIN
TRK 2	BUTLER COUNTY

Stored Gross Wt.	0	LB	Inbound - Charge ticket
Stored Tare Wt.	0	LB	
Net Weight	0	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.28	TON	Trucking/ton	7.25	241.28	0.00	241.28

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.
MANIFEST # ADDING TKG
PO# TKT 290843 DATED 5/6/08

NET AMOUNT
241.28
TENDERED
CHANGE
CHECK NO.

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290837	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	09:32	09:57		

REFERENCE	ORIGIN
TRK K-8	MEAD

Scale 1 Gross Wt.	71460	LB	Outbound - Charge ticket
Manual Tare Wt.	35380	LB	
Net Weight	36080	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.04	TON	CLAY DIRT FROM CELL-	3.00	54.12	0.00	54.12

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
54.12
TENDERED
CHANGE
CHECK NO.

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE LG

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290870	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	12:07	12:07		

REFERENCE	ORIGIN
K-8	MEAD

Manual Gross Wt.	82720	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	47060	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.53	TON	CLAY DIRT FROM CELL-	3.00	70.59	0.00	70.59

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

PLA

NET AMOUNT
70.59
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE LC

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290901	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	14:20	14:20		

REFERENCE	ORIGIN
K-8	MEAD

Manual Gross Wt.	80340	LB	Outbound - Charge ticket
Manual Tare Wt.	35660	LB	
Net Weight	44680	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.34	TON	CLAY DIRT FROM CELL-	3.00	67.02	0.00	67.02

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
67.02
TENDERED
CHANGE
CHECK NO.

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____ LC

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290849	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	10:33	10:54		

REFERENCE	ORIGIN
TRK K-9	MEAD

Scale 1 Gross Wt.	72560	LB	Outbound - Charge ticket
Scale 1 Tare Wt.	32720	LB	
Net Weight	39840	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.92	TON	CLAY DIRT FROM CELL-	3.00	59.76	0.00	59.76

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
59.76
TENDERED
CHANGE
CHECK NO.

PLA

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291098	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	13:20	13:20		

REFERENCE	ORIGIN
TRUCK K-10	BUTLER COUNTY

Scale 1 Gross Wt.	67820	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	34480	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.24	TON	CLAY DIRT FROM CELL-	3.00	51.72	0.00	51.72

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
51.72
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE 4/p

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291048	OTHER	ANNETTE SNYDER

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	08:39	08:39		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Scale 1 Gross Wt.	68440	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	35100	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.55	TON	CLAY DIRT FROM CELL-	3.00	52.65	0.00	52.65

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
52.65
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE 4F

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291064	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	10:39	10:39		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	72200	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	38860	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.43	TON	CLAY DIRT FROM CELL-	3.00	58.29	0.00	58.29

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
58.29
TENDERED
CHANGE
CHECK NO.

L/F

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290900	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	14:16	14:16		

REFERENCE	ORIGIN
K-10	MEAD

Manual Gross Wt.	72520	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	39180	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.59	TON	CLAY DIRT FROM CELL-	3.00	58.77	0.00	58.77

Payment is due by the 10th of the month, and
considered late after30 days.
I certify that there are no liquids, hazardous commercial
waste, infectious wastes or pesticides contained in load.

NET AMOUNT
58.77
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE 4/P

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	291118	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/08	05/08/08	15:09	15:09		

REFERENCE	ORIGIN
K-10	BUTLER COUNTY

Manual Gross Wt.	69940	LB	Outbound - Charge ticket
Manual Tare Wt.	33340	LB	
Net Weight	36600	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.30	TON	CLAY DIRT FROM CELL-	3.00	54.90	0.00	54.90

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
54.90
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE 4F

BUTLER COUNTY LANDFILL, INC.
3588 R ROAD
DAVID CITY NE 68632

000680 Kingston Environmental
15450 Hangar Road
Kansas City MO 64147

SITE	TICKET	GRID	WEIGHMASTER
04	290856	OTHER	Dee Timmerman

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/06/08	05/06/08	11:00	11:24		

REFERENCE	ORIGIN
K-10	MEAD

Scale 1 Gross Wt.	70980	LB	Outbound - Charge ticket
Scale 1 Tare Wt.	33140	LB	
Net Weight	37840	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.92	TON	CLAY DIRT FROM CELL-	3.00	56.76	0.00	56.76

Payment is due by the 10th of the month, and considered late after30 days.
I certify that there are no liquids, hazardous commercial waste, infectious wastes or pesticides contained in load.

NET AMOUNT
56.76
TENDERED
CHANGE
CHECK NO.

WW6TJ TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE 4F

APPENDIX L – WASTEWATER SAMPLE RESULTS

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

May 16, 2008

Jennifer Shimamoto
Kingston Environmental Services
15450 Hanger Road
Kansas City, MO 64147
TEL: (816) 524-8811
FAX: (816) 525-5027

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: Mead NOP 07R760

WorkOrder: 08050456

Dear Jennifer Shimamoto:

TEKLAB, INC received 4 samples on 5/13/2008 8:20:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456
Report Date: 16-May-08

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08050456-001	LL4-010-FS-0508-C	1	5/12/2008 4:00:00 PM
08050456-002	LL4-011-FS-0508-C	1	5/12/2008 4:20:00 PM
08050456-003	LL4-012-FS-0508-C	1	5/12/2008 4:40:00 PM
08050456-004	WW1-001-FS-0508-G	1	5/12/2008 5:20:00 PM

Wastewater Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
LabOrder: 08050456
Report Date: 16-May-08

CASE NARRATIVE

Cooler Receipt Temp: 2.8 °C

State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08050456
Lab ID: 08050456-001
Report Date: 16-May-08

Client Project: Mead NOP 07R760
Client Sample ID: LL4-010-FS-0508-C
Collection Date: 5/12/2008 4:00:00 PM
Matrix: SOLID

Analyses		Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, METALS BY GFAA (TOTAL)									
Antimony	7041	NELAP	0.49		**1.02**	mg/Kg-dry	1	5/14/2008 10:02:38 AM	SRH

Sample Narrative

LL4 Confirmation Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08050456
Lab ID: 08050456-002
Report Date: 16-May-08

Client Project: Mead NOP 07R760
Client Sample ID: LL4-011-FS-0508-C
Collection Date: 5/12/2008 4:20:00 PM
Matrix: SOLID

Analyses		Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, METALS BY GFAA (TOTAL)									
Antimony	7041	NELAP	0.47		**1.54**	mg/Kg-dry	1	5/14/2008 10:12:22 AM	SRH

Sample Narrative

LL4 Confirmation Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08050456
Lab ID: 08050456-003
Report Date: 16-May-08

Client Project: Mead NOP 07R760
Client Sample ID: LL4-012-FS-0508-C
Collection Date: 5/12/2008 4:40:00 PM
Matrix: SOLID

Analyses		Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, METALS BY GFAA (TOTAL)									
Antimony	7041	NELAP	2.50	S	**13.7**	mg/Kg-dry	5	5/14/2008 10:22:32 AM	SRH

Sample Narrative

SW-846 3050B, Metals by GFAA (Total)

Sb - Sample concentration was greater than 5 times the spike concentration.

Lead Line 4 Confirmation Sample

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Kingston Environmental Services
WorkOrder: 08050456
Lab ID: 08050456-004
Report Date: 16-May-08

Client Project: Mead NOP 07R760
Client Sample ID: WW1-001-FS-0508-G
Collection Date: 5/12/2008 5:20:00 PM
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Aluminum	NELAP	0.0500	S	**52.3**	mg/L	1	5/14/2008 9:19:13 AM	CRK
Arsenic	NELAP	0.0250	J	**0.022**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Barium	NELAP	0.0050		**0.640**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Beryllium	NELAP	0.0010		**0.0022**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Cadmium	NELAP	0.0020	J	**0.0008**	mg/L	1	5/14/2008 9:19:13 AM	CRK
Calcium	NELAP	0.0500	S	**52.4**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Chromium	NELAP	0.0100		**0.0579**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Cobalt	NELAP	0.0100		**0.0207**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Copper	NELAP	0.0100		**0.0608**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Iron	NELAP	0.0200	S	**56.8**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Lead	NELAP	0.0400		**0.171**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Magnesium	NELAP	0.0100	S	**18.3**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Manganese	NELAP	0.0050		**1.64**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Nickel	NELAP	0.0100		**0.0480**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Potassium	NELAP	0.100	S	**16.0**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Selenium	NELAP	0.0500		**< 0.0500**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Silver	NELAP	0.0100		**< 0.0100**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Sodium	NELAP	0.0500	S	**13.5**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Thallium	NELAP	0.0500	J	**0.034**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Vanadium	NELAP	0.0100		**0.102**	mg/L	1	5/13/2008 4:11:32 PM	LAL
Zinc	NELAP	0.0100		**0.244**	mg/L	1	5/13/2008 4:11:32 PM	LAL
SW-846 3020A, METALS BY GFAA (TOTAL)								
Antimony 7041	NELAP	0.0100	S	**0.0452**	mg/L	2	5/14/2008 11:41:28 AM	SRH
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		**0.00023**	mg/L	1	5/16/2008	JMW

Sample Narrative

SW-846 3020A, Metals by GFAA (Total)

Sb- Matrix interference present in sample.

SW-846 3005A, 6010B, Metals by ICP (Total)

Al - Sample concentration was greater than 5 times the spike concentration.

Ca, Fe, Mg, K and Na - Sample concentration was greater than 5 times the spike concentration.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456
Report Date: 16-May-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050456-001A	LL4-010-FS-0508-C	5/12/2008	Solid	SW-846 3050B, Metals by GFAA (Total)	5/13/2008	5/14/2008
08050456-002A	LL4-011-FS-0508-C			SW-846 3050B, Metals by GFAA (Total)	5/13/2008	5/14/2008
08050456-003A	LL4-012-FS-0508-C			SW-846 3050B, Metals by GFAA (Total)	5/13/2008	5/14/2008
08050456-004A	WW1-001-FS-0508-G		Aqueous	SW-846 3005A, 6010B, Metals by ICP (Total)	5/13/2008	5/13/2008
				SW-846 3005A, 6010B, Metals by ICP (Total)	5/13/2008	5/14/2008
				SW-846 3020A, Metals by GFAA (Total)	5/13/2008	5/13/2008
				SW-846 3020A, Metals by GFAA (Total)	5/13/2008	5/14/2008
				SW-846 7470A (Total)	5/15/2008	5/16/2008

ANALYTICAL QC SUMMARY REPORT

Key QC concepts:

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.

MDL Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

MB/LCB Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)

PQL Practical quantitation limit or limit of quantitation (LOQ) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)

Surr Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below PQL	**MI** - Matrix interference
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample	**DNI** - Did not ignite
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**IDPH** - IL Dept. of Public Health	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**Q** - QC criteria failed	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	**X** - Value exceeds Maximum Contaminant Level	**#** - Unknown hydrocarbon	**NELAP** - IL ELAP and NELAP Accredited

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_GF_ST

Sample ID: **MB-44819** SampType: **MBLK** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108111**
Client ID: **ZZZZZZ** Batch ID: **44819** **SOP 3044** Analysis Date: **5/13/2008** SeqNo: **1946631**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	< 0.0050	0.0050	0.005000	0	0	-100	100				

Sample ID: **LCS-44819** SampType: **LCS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108111**
Client ID: **ZZZZZZ** Batch ID: **44819** **SOP 3044** Analysis Date: **5/13/2008** SeqNo: **1946632**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	0.0340	0.0050	0.03000	0	113.4	80	120				

Sample ID: **08050456-004AMS** SampType: **MS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44819** **SOP 3044** Analysis Date: **5/14/2008** SeqNo: **1946679**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	0.0576	0.0100	0.03000	0.04522	41.1	70	130				S

Sample ID: **08050456-004AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44819** **SOP 3044** Analysis Date: **5/14/2008** SeqNo: **1946680**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	0.0563	0.0100	0.03000	0.04522	36.9	70	130	0.05755	2.23	20	S

IL ELAP and NELAP Accredited - Accreditation #100226

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: **MB-44820** SampType: **MBLK** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **ZZZZZZ** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945502**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	< 0.0500	0.0500	0.05000	0	0	-100	100				
Arsenic	< 0.0250	0.0250	0.02500	0	0	-100	100				
Barium	< 0.0050	0.0050	0.005000	0	0	-100	100				
Beryllium	< 0.0010	0.0010	0.001000	0	0	-100	100				
Cadmium	< 0.0020	0.0020	0.002000	0	0	-100	100				
Calcium	< 0.0500	0.0500	0.05000	0	0	-100	100				
Chromium	< 0.0100	0.0100	0.01000	0	0	-100	100				
Cobalt	< 0.0100	0.0100	0.01000	0	0	-100	100				
Copper	< 0.0100	0.0100	0.01000	0	0	-100	100				
Iron	< 0.0200	0.0200	0.02000	0	0	-100	100				
Lead	< 0.0400	0.0400	0.04000	0	0	-100	100				
Magnesium	< 0.0100	0.0100	0.01000	0	0	-100	100				
Manganese	< 0.0050	0.0050	0.005000	0	0	-100	100				
Nickel	< 0.0100	0.0100	0.01000	0	0	-100	100				
Potassium	< 0.100	0.100	0.1000	0	0	-100	100				
Selenium	< 0.0500	0.0500	0.05000	0	0	-100	100				
Silver	< 0.0100	0.0100	0.01000	0	0	-100	100				
Sodium	< 0.0500	0.0500	0.05000	0	0	-100	100				
Thallium	< 0.0500	0.0500	0.05000	0	0	-100	100				
Vanadium	< 0.0100	0.0100	0.01000	0	0	-100	100				
Zinc	< 0.0100	0.0100	0.01000	0	0	-100	100				

Sample ID: **LCS-44820** SampType: **LCS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **ZZZZZZ** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2.18	0.0500	2.000	0	109.2	85	115				
Arsenic	1.98	0.0250	2.000	0	98.8	85	115				
Barium	2.00	0.0050	2.000	0	99.8	85	115				
Beryllium	0.0508	0.0010	0.05000	0	101.6	85	115				
Cadmium	0.0489	0.0020	0.05000	0	97.8	85	115				

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: **LCS-44820** SampType: **LCS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **ZZZZZZ** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	1.28	0.0500	1.200	0	106.4	85	115				
Chromium	0.192	0.0100	0.2000	0	95.8	85	115				
Cobalt	0.488	0.0100	0.5000	0	97.7	85	115				
Copper	0.276	0.0100	0.2500	0	110.4	85	115				
Iron	1.00	0.0200	1.000	0	100	85	115				
Lead	0.489	0.0400	0.5000	0	97.8	85	115				
Magnesium	0.757	0.0100	0.7500	0	100.9	85	115				
Manganese	0.507	0.0050	0.5000	0	101.4	85	115				
Nickel	0.511	0.0100	0.5000	0	102.3	85	115				
Potassium	1.21	0.100	1.200	0	101.2	85	115				
Selenium	1.97	0.0500	2.000	0	98.6	85	115				
Silver	0.0512	0.0100	0.05000	0	102.4	85	115				
Sodium	1.29	0.0500	1.200	0	107.4	85	115				
Thallium	2.05	0.0500	2.000	0	102.4	85	115				
Vanadium	0.500	0.0100	0.5000	0	100.1	85	115				
Zinc	0.499	0.0100	0.5000	0	99.7	85	115				

Sample ID: **08050456-004AMS** SampType: **MS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.02	0.0250	2.000	0.02170	99.8	75	125				
Barium	2.53	0.0050	2.000	0.6403	94.6	75	125				
Beryllium	0.0529	0.0010	0.05000	0.002200	101.4	75	125				
Calcium	52.8	0.0500	1.200	52.37	40.0	75	125				S
Chromium	0.255	0.0100	0.2000	0.05790	98.4	75	125				
Cobalt	0.493	0.0100	0.5000	0.02070	94.5	75	125				
Copper	0.325	0.0100	0.2500	0.06080	105.6	75	125				
Iron	56.9	0.0200	1.000	56.81	11.0	75	125				S
Lead	0.634	0.0400	0.5000	0.1711	92.6	75	125				
Magnesium	18.7	0.0100	0.7500	18.27	57.3	75	125				S

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: **08050456-004AMS** SampType: **MS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	2.08	0.0050	0.5000	1.640	88.0	75	125				
Nickel	0.539	0.0100	0.5000	0.04800	98.3	75	125				
Potassium	16.7	0.100	1.200	16.03	55.8	75	125				S
Selenium	2.00	0.0500	2.000	0	100.2	75	125				
Silver	0.0476	0.0100	0.05000	0	95.2	75	125				
Sodium	13.9	0.0500	1.200	13.53	27.5	75	125				S
Thallium	2.00	0.0500	2.000	0.03410	98.1	75	125				
Vanadium	0.596	0.0100	0.5000	0.1023	98.8	75	125				
Zinc	0.731	0.0100	0.5000	0.2435	97.5	75	125				

Sample ID: **08050456-004AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.06	0.0250	2.000	0.02170	101.9	75	125	2.017	2.11	20	
Barium	2.61	0.0050	2.000	0.6403	98.6	75	125	2.533	3.11	20	
Beryllium	0.0548	0.0010	0.05000	0.002200	105.2	75	125	0.05290	3.53	20	
Calcium	55.4	0.0500	1.200	52.37	252.5	75	125	52.85	4.71	20	S
Chromium	0.258	0.0100	0.2000	0.05790	100.2	75	125	0.2547	1.40	20	
Cobalt	0.510	0.0100	0.5000	0.02070	97.9	75	125	0.4932	3.43	20	
Copper	0.340	0.0100	0.2500	0.06080	111.7	75	125	0.3247	4.63	20	
Iron	58.3	0.0200	1.000	56.81	146.0	75	125	56.92	2.34	20	S
Lead	0.654	0.0400	0.5000	0.1711	96.7	75	125	0.6341	3.15	20	
Magnesium	19.2	0.0100	0.7500	18.27	129.3	75	125	18.70	2.85	20	S
Manganese	2.19	0.0050	0.5000	1.640	109.4	75	125	2.080	5.02	20	
Nickel	0.551	0.0100	0.5000	0.04800	100.6	75	125	0.5393	2.15	20	
Potassium	17.1	0.100	1.200	16.03	91.7	75	125	16.70	2.54	20	
Selenium	2.02	0.0500	2.000	0	101.0	75	125	2.004	0.746	20	
Silver	0.0484	0.0100	0.05000	0	96.8	75	125	0.04760	1.67	20	
Sodium	15.1	0.0500	1.200	13.53	130.8	75	125	13.86	8.56	20	S
Thallium	2.04	0.0500	2.000	0.03410	100.4	75	125	1.996	2.28	20	

IL ELAP and NELAP Accredited - Accreditation #100226

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: **08050456-004AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108079**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/13/2008** SeqNo: **1945506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	0.604	0.0100	0.5000	0.1023	100.4	75	125	0.5965	1.28	20	
Zinc	0.756	0.0100	0.5000	0.2435	102.5	75	125	0.7312	3.34	20	

Sample ID: **MB-44820** SampType: **MBLK** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108088**
Client ID: **ZZZZZZ** Batch ID: **44820** **SOP 3034** Analysis Date: **5/14/2008** SeqNo: **1946263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	< 0.0500	0.0500	0.05000	0	0	-100	100				
Cadmium	< 0.0020	0.0020	0.002000	0	0	-100	100				

Sample ID: **LCS-44820** SampType: **LCS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108088**
Client ID: **ZZZZZZ** Batch ID: **44820** **SOP 3034** Analysis Date: **5/14/2008** SeqNo: **1946264**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2.02	0.0500	2.000	0	101.2	85	115				
Cadmium	0.0499	0.0020	0.05000	0	99.8	85	115				

Sample ID: **08050456-004AMS** SampType: **MS** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108088**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/14/2008** SeqNo: **1946266**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	53.8	0.0500	2.000	52.27	78.5	75	125				
Cadmium	0.0486	0.0020	0.05000	0.0008000	95.6	75	125				

Sample ID: **08050456-004AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **5/13/2008** RunNo: **108088**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44820** **SOP 3034** Analysis Date: **5/14/2008** SeqNo: **1946267**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	53.4	0.0500	2.000	52.27	55.5	75	125	53.84	0.858	20	S
Cadmium	0.0523	0.0020	0.05000	0.0008000	103.0	75	125	0.04860	7.33	20	

IL ELAP and NELAP Accredited - Accreditation #100226

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_HG_AQ_S

Sample ID: **MB-44888** SampType: **MBLK** Units: **mg/L** Prep Date: **5/15/2008** RunNo: **108221**
Client ID: **ZZZZZZ** Batch ID: **44888** **SOP 3062** Analysis Date: **5/16/2008** SeqNo: **1949419**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.00020	0.00020	0.0002000	0	0	-100	100				

Sample ID: **LCS-44888** SampType: **LCS** Units: **mg/L** Prep Date: **5/15/2008** RunNo: **108221**
Client ID: **ZZZZZZ** Batch ID: **44888** **SOP 3062** Analysis Date: **5/16/2008** SeqNo: **1949420**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00490	0.00020	0.005000	0	98.0	85	115				

Sample ID: **08050456-004AMS** SampType: **MS** Units: **mg/L** Prep Date: **5/15/2008** RunNo: **108221**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44888** **SOP 3062** Analysis Date: **5/16/2008** SeqNo: **1949434**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00517	0.00020	0.005000	0.0002300	98.8	75	125				

Sample ID: **08050456-004AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **5/15/2008** RunNo: **108221**
Client ID: **WW1-001-FS-0508-G** Batch ID: **44888** **SOP 3062** Analysis Date: **5/16/2008** SeqNo: **1949435**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00521	0.00020	0.005000	0.0002300	99.6	75	125	0.005170	0.771	15	

IL ELAP and NELAP Accredited - Accreditation #100226

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456 **Report Date:** *16-May-08*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_SB_GF_SOL

Sample ID: **MB-44830** SampType: **MBLK** Units: **mg/Kg-dry** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **ZZZZZZ** Batch ID: **44830** **SOP 3036** Analysis Date: **5/14/2008** SeqNo: **1946653**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	< 0.50	0.50	0.5000	0	0	-100	100				

Sample ID: **LCS-44830** SampType: **LCS** Units: **mg/Kg-dry** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **ZZZZZZ** Batch ID: **44830** **SOP 3036** Analysis Date: **5/14/2008** SeqNo: **1946654**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	3.16	0.50	3.000	0	105.3	80	120				

Sample ID: **08050456-003AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **LL4-012-FS-0508-C** Batch ID: **44830** **SOP 3036** Analysis Date: **5/14/2008** SeqNo: **1946660**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	18.7	2.50	3.000	13.70	165.6	70	130				S

Sample ID: **08050456-003AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/13/2008** RunNo: **108113**
Client ID: **LL4-012-FS-0508-C** Batch ID: **44830** **SOP 3036** Analysis Date: **5/14/2008** SeqNo: **1946661**

Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	7041	18.5	2.50	3.000	13.70	159.0	70	130	18.67	1.08	20	S

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TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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RECEIVING CHECK LIST

Client: Kingston Environmental Services
Project: Mead NOP 07R760
Lab Order: 08050456
Report Date: 16-May-08

Carrier: FedEx

Received By: AMH

Completed by: Erika K. Starman
On: 13-May-08

Reviewed by: Elizabeth A. Hurley
On: 13-May-08

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 2.8
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

TEKLAB, INC.

ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

QUOTE#

Page: 1 of 1

08050456

Customer Information		Project Information		Analysis/Methods			
PO:		Project Name:	MEAD NOP	A	Antimony / EPA Method 7041	K	
WO:		Project Number:	07R760	B	TAL Metals EPA 6010B & 7000	L	
Company:	Kingston Environmental Services	Bill To:		C		M	
Report to:	Jennifer Shimamoto	Invoice ATTN:		D		N	
Address:	15450 Hangar Road	Address:		E		O	
	Kansas City, MO 64147			F		P	
				G		Q	
E-mail:	Jennifer.Shimamoto@kingstonenv.com			H		R	
Phone:	816.524.8811	Phone:		I		Other:	
Fax:	816/525-5027	Fax:		J			

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	08050456
1	LL4-010-FS-0508-C	4°C, ICE	5-12-08	1600	4oz G	Soil	1	X															-001
2	LL4-011-FS-0508-C	↓ ↓	5-12-08	1620	↓	Soil	1	X															-002
3	LL4-012-FS-0508-C	↓ ↓	5-12-08	1640	↓	Soil	1	X															-003
4	LL4-012-MS-0508-C	4°C, ICE	5-12-08	1640	4oz G	Soil	1	X															~~-004~~
5	LL4-012-MSD-0508-C	4°C, ICE	5-12-08	1640	4oz G	Soil	1	X															~~-005~~
6	WW1-001-FS-0508-G	~~NHO3~~ HNO3, ICE	5-12-08	1720	500ml P	Water	1	X	X														-004
7																							
8																							
9																							
10																							

1 DAY

Sampler: Brad Tenford | Shipment Method: FedEX | Date Due (fax):

1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
	5-12-08	(FedEx)	5/13/08				
Company: KES	Time: 1600	Company:	Time: 8:20	Company:	Time:	Company:	Time:
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:

Comments: matrix spike is LL4-012-MS-0508-C
matrix spike Duplicate is LL4-012-MSD-0508-C

pres ✓ AMH

custody seal intact

cooler & containers

Standard turn | Other

Rush turn | Cooler Temp: 2.8

TEKLAB, INC.
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project Manager: Shelly Hennessey

Phone: 877.344.1003 Fax: 618.344.1005

From:	Ed Southwick
To:	Baer, Kurt H NWK
cc:	Jennifer Shimamoto
Subject:	RE: Mead NOP OU3 IDW water disposal
Date:	05-19-2008 13:58

Kurt
Yes, NDEQ concurs.
Ed

Edward Southwick
Remediation Section
Nebraska Dept. of Environmental Quality
1200 N. Street, Suite 400, Box 98922
Lincoln, Nebraska 68509-8922
Phone: 402-471-4875 Fax: -2909
Ed.Southwick@NDEQ.state.ne.us
www.DEQ.State.ne.us

▼ "Baer, Kurt H NWK" <Kurt.H.Baer@usace.army.mil>

"Baer, Kurt H NWK" <Kurt.H.Baer@usace.army.mil>	To	"Baer, Kurt H NWK" <Kurt.H.Baer@usace.army.mil>, <Ed.Southwick@NDEQ.State.NE.US>
05-19-08 14:00	cc	"Jennifer Shimamoto" <Jennifer.Shimamoto@kingstonenv.com>
	Subject	RE: Mead NOP OU3 IDW water disposal

Ed,

I just from out that ECC (USACE's Treatment Plant's Contractor) has accepted
the waste water.

Do you concur with diposal of the waste water there?

Kurt

-----Original Message-----
From: Baer, Kurt H NWK
Sent: Monday, May 19, 2008 1:58 PM
To: 'Ed.Southwick@NDEQ.State.NE.US'
Cc: Jennifer Shimamoto
Subject: FW: Mead NOP OU3 IDW water disposal

Ed,

I may be jusmping ahead before I need to, but assuming the USACE Treatment
Plant at Mead accepts the waste I still need your approval (I am working on
the plants approval now). See the FSP Section 6.1.

Please review the attachment and let me know you position.

Kurt

-----Original Message-----
From: Jennifer Shimamoto [mailto:Jennifer.Shimamoto@kingstonenv.com]
Sent: Friday, May 16, 2008 4:06 PM
To: Brady Bigelow; David Dander
Cc: Ganesh Subramaniam; Tim Thares; Vince Stallbaumer; Baer, Kurt H NWK
Subject: RE: Mead NOP OU3 IDW water disposal

My apologies. Here is the attachment.

Jennifer

-----Original Message-----
From: Brady Bigelow [mailto:bbigelow@ecc.net]
Sent: Friday, May 16, 2008 4:06 PM
To: David Dander; Jennifer Shimamoto
Cc: Ganesh Subramaniam; Tim Thares; Vince Stallbaumer; Kurt H NWK Baer
Subject: RE: Mead NOP OU3 IDW water disposal

Jennifer,

The attachment didn't make it through. I forwarded your previous e-mail to

the project engineer, Ganesh Subramaniam, and he is reviewing the information. As soon as I receive the additional information, we will make a
decision regarding our capability to dispose of this material.

Thanks,

Brady

>>> Jennifer Shimamoto <Jennifer.Shimamoto@kingstonenv.com> 5/16/2008
>>> 2:54 PM >>>
David/Brady,
As a followup to my email yesterday, attached are the final wastewater results (on page 7) including the mercury analysis. Please let me know if these results are acceptable or if we need to collect a filtered sample or do something else. We would like to be able to get rid of this wastewater on Wednesday, May 21. If you would like to discuss these results, please feel free to call me at (816)524-8811 or (816)935-8533.

Thank you,
Jennifer Shimamoto, R.G.
KINGSTON ENVIRONMENTAL SERVICES
15450 Hangar Road
Kansas City, MO 64147
Office: (816)524-8811 / (800)249-8811
Fax: (816)525-5027
Cell: (816)935-8533
http://www.kingstonenv.com/

-----Original Message-----
From: Jennifer Shimamoto
Sent: Thursday, May 15, 2008 2:28 PM
To: 'David Dander'; Brady Bigelow
Cc: Tim Thares; Vince Stallbaumer; Baer, Kurt H NWK
Subject: RE: Mead NOP OU3 IDW water disposal

David/Brady,

I'm not sure if you'll remember, but we talked quite awhile back about getting rid of our decon water from the Mead NOP OU3 antimony soil removal at
your water treatment plant. We are just finishing up the removals and are hoping to dispose of our water soon. We will have approximately 350 gallons
of water. I've attached some preliminary data here for you to review - it's a total metals analysis and is still preliminary primarily because I don't have the mercury results yet (the lab's mercury analyzer was broken). I wanted to get this to you quickly though in case there is a problem. Note this analysis was for total metals and the water was moderately turbid, which
is why the metals results are somewhat high. Please review the results and
let me know what you think.

Thank you,
Jennifer Shimamoto, R.G.
KINGSTON ENVIRONMENTAL SERVICES
15450 Hangar Road
Kansas City, MO 64147
Office: (816)524-8811 / (800)249-8811
Fax: (816)525-5027
Cell: (816)935-8533
http://www.kingstonenv.com/

-----Original Message-----
From: David Dander [mailto:ddander@ecc.net]
Sent: Wednesday, January 09, 2008 12:12 AM
To: Jennifer Shimamoto
Cc: Brady Bigelow; Ganesh Subramaniam; Tim Thares; Vince Stallbaumer
Subject: RE: Mead NOP OU3 IDW water disposal

Jennifer,

Aside from the metals analysis, our only other concern was that 1,4 dioxane
and I think RAD constituents are present in some parts of the landfill.
If your IDW is generated from one of those areas within the landfill you would likely already know and want to profile for such.

Otherwise myself, the plant operator, and project engineer from ECC don't see
any problems accepting your IDW pending metals analysis.
Please coordinate with Tim Thares or let us know of further questions or needs.

thank you,

David Dander, CHMM, PMP
Project Manager/Hydrogeologist
ECC
1746 Cole Blvd., Bldg. 21, Suite 350
Lakewood, CO 80401
Office: 303-590-1188
Cell: 303-518-9920

>>> Jennifer Shimamoto <Jennifer.Shimamoto@kingstonenv.com>
12/31/2007
>>> 8:28 AM >>>
Brady,
Thank you. I talked to Kurt Baer and got some clarification on what you had
discussed earlier with him. We will definitely analyze our IDW water for
metals (SW6010B/7470A) and submit the results to you for approval before
bringing the water to the treatment plant. However, should we be analyzing
for anything else as well? There have been some explosives, VOCs, and a few
SVOCs detected at these sites in soil, but not at levels of concern. Since I
believe the treatment plant is treating for VOCs and explosives I wasn't sure
if analyzing for them in the IDW would matter or not. We could analyze for
SVOCs as well, but they're very unlikely to get in the IDW water at a level
that would pose a problem since the previous levels detected in soil were
quite low. But we will do whatever analyses you think best.

Thank you,

Jennifer Shimamoto, R.G.
KINGSTON ENVIRONMENTAL SERVICES
15450 Hangar Road
Kansas City, MO 64147
Office: (816)524-8811 / (800)249-8811
Fax: (816)525-5027
Cell: (816)935-8533
www.kingstonenv.com

-----Original Message-----
From: Brady Bigelow [mailto:bbigelow@ecc.net]
Sent: Wednesday, December 26, 2007 9:56 AM
To: Jennifer Shimamoto
Cc: Tim Thares; Vince Stallbaumer
Subject: Re: Mead NOP OU3 IDW water disposal

Jennifer,

You would simply need to verify the data you supplied earlier. If the concentrations do not vary greatly, we should be fine. You would then need
to coordinate with our plant operators. They are copied on this e-mail.

Thanks

Brady

>>> Jennifer Shimamoto <Jennifer.Shimamoto@kingstonenv.com> 12/26/2007
>>> 8:33 AM >>>
Brady,
I left you a voicemail last week, but thought it might be easier to catch you by email, especially with the holidays. Kurt Baer with USACE told us to contact you regarding disposal of our IDW water from the OU3 antimony removal
at the Mead NOP, per the emails below. We are still in the process of finalizing our work plan and won't be in the field until March most likely. However, I need to find out what parameters we will need to analyze for and
anything else we may need to do before we can dispose of our IDW water at the

treatment plant, so I can put that information in the work plan and have the
laboratory lined up.

Thank you for your help,

Jennifer Shimamoto, R.G.
KINGSTON ENVIRONMENTAL SERVICES
15450 Hangar Road
Kansas City, MO 64147
Office: (816)524-8811 / (800)249-8811
Fax: (816)525-5027
Cell: (816)935-8533
www.kingstonenv.com

-----Original Message-----
From: Baer, Kurt H NWK [mailto:Kurt.H.Baer@usace.army.mil]
Sent: Wednesday, October 31, 2007 11:52 AM
To: Chad Tipton
Cc: Anderson, H Garth NWK; Boese, Kirk D NWK
Subject: FW: FW: NPDES

Good news. Our contractor says that you all can treat your IDW at the treatment plant.

Recommend that you coordinate directly with Brady at ECC for the disposal parameters.

Brady's phone number is 303 298 7607 x1146

-----Original Message-----
From: Brady Bigelow [mailto:bbigelow@ecc.net]
Sent: Wednesday, October 31, 2007 11:47 AM
To: Baer, Kurt H NWK
Cc: Tim Thares; Vince Stallbaumer
Subject: Re: FW: NPDES

Kurt,

With the dilution effect, we should be just fine. We will need to coordinate

with Tim and Vince at the treatment plant. They are copied on this e-mail.

Thanks

Brady

>>> "Baer, Kurt H NWK" <Kurt.H.Baer@usace.army.mil> 10/30/2007
9:06 AM
>>> >>>
Brady,

I work with Dave and Sandeep on Mead, but on the OU3 soil removal.

Attached is the latest info we have on the discharge parameters at the
waste
water treatment plant. I hope it is your latest version also.

My OU3 contractor will be generating decon-water and rinse water from its
antimony contaminated soil removal at Load Lines 2 & 4, and the Potential
Landfill.

The question is, will you accept the decon/rinse-water at the treatment
plant
and what sampling parameter do you require prior to recieving the water?
Of
course you have the option to just not accept the water.

Thanks

Kurt

-----Original Message-----
From: Mehta, Sandeep NWK
Sent: Tuesday, October 30, 2007 9:46 AM
To: Baer, Kurt H NWK; Nelson, David C NWK
Subject: NPDES

APPENDIX M – LOGBOOK

Monday 14Apr08

0630 Crew Muster at Shop
- Inspect vehicles
- Spot check Loads

0710 Leave Shop
Jake Creighton - Vac Truck
Dan Swift - K1 w/ Gooseneck
Trailer carrying skid steer, Poly Tank
Don Hannah - K11 w/ Job Trailer
- Richard Cox as passenger
Alvin Hargen - Personal Truck
- Brad Teaford as Passenger.

0920 MO/Iowa Border
- Teaford contact AM Labs about cooler shipment

0950 QUESTION: Whose Fedex Ship# Does Kingston use To Deliver QA Samples To Lab?

0955 Swift reporting Mech Diff with K-1. Crew stops in Rock Bridge MO To get repair.

Monday 14 Apr 08 Cont.

0955 Hargen's Teaford proceed Ahead

1100 Hargen's Teaford Arrive at Mead
- meet with Jeff Steuhmer
- Conduct brief overview of LL2, LL4, & PLA

1200 Drive by Water Treatment Plant (on Hwy F)

1240 meet w/ Utility locators and Rest of Crew arrives
Heavy equipment arrives
Portajohn Arrives
All escorted To Sites
Utility locators Clear proposed excavation Areas
Trailers and excavators staged at LL4 in Area verbally Approved by Steuhmer,
Steuhmer also notes use of North Hydrant at LL4.

1400 Hannah's Swift return To KC

1430 Lunch Break

14 Apr 08 continued

1530 Conduct Toolbox Talk
Discuss silt Fence Install

1545 Teaford & Hagen Clearly mark excavat limits (LL2, LL4) only

Cox & Creighton installing silt Fence in Designated Areas

1630 Brandon Nolan arrives at site

1730 secure equipment & Trailers at LL4
Head for Hotel

1815 Arrive at Hotel

1900 Meeting w/ Pika Represent.
Discuss work Plans, Emergency Communications, Field Conditions

4-14-08

15 APR 08 TUESDAY

0630 Muster Crew at Hotel
Hagen, Teaford, Creighton, Cox, Shimamoto, Brandon Nolan, and The Pika Guys (Jim, Kacy)

0718 Arrive at site
Hold Toolbox Talk at LL4
PIKA conducts a briefing
Mobilize equipment To PLA

0800 PIKA begins surface sweep and shimamoto uses GPS To Locate excavation corners
PIKA Clears silt Fence Location and permits driving stakes at excavat. Corners.

0900 PIKA clears waste character. sample location
Teaford Begins Hand Augering

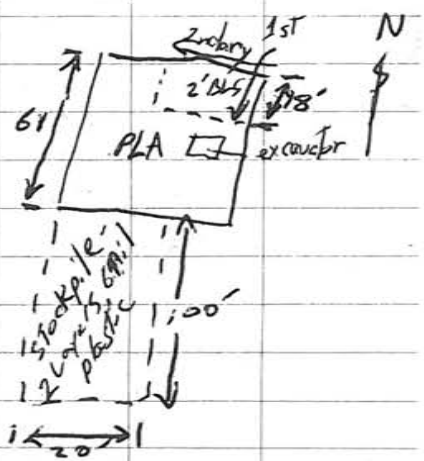
0920 PLA-001-FS-0408-G
3-1-Liter Jars for waste characterization of PLA

15 APR 08 TUESDAY cont.

1000 Plastic for stockpile laid down
- ~~re~~ reinforced 6 mil plastic was unavailable, after discussion with Teaford (QCM) and Proj. Manager (Shimam) 2 Layers of unreinforced 6 mil Poly Laid Down under stockpile

1050 Creighton begins excavating at NE corner of excavation, drawing bucket to south along east edge of excavat. (approx. Length 18') to 2' depth continues in this fashion, working excavation to the west

excavated soil deposited in SW corner of PLA. Cox uses skidsteer to move soil onto plastic as stockpile

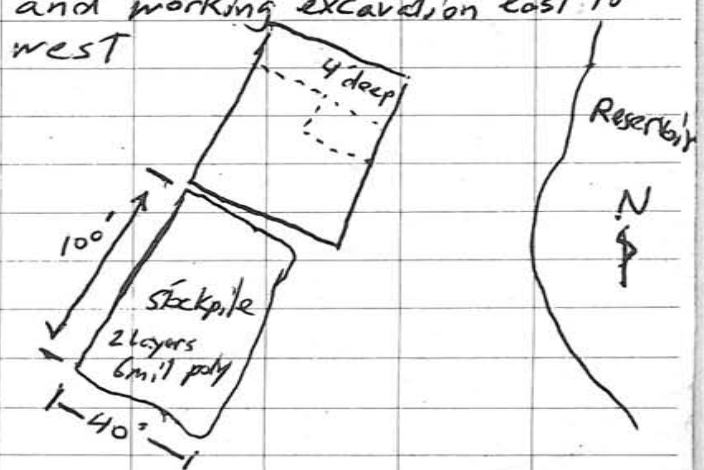


15 APR 08 Tuesday cont.

1135 Break for Lunch when soil from East edge to west edge has been excavated 18 feet south of North edge to 4 ft. depth.

1235 Return from Lunch
Crew adds another 2 Layers of Plastic to stockpel

Creighton continues excavating drawing soil from North to south and working excavation east to west



15 APR 08 Tuesday Continued

1235 Tedford works to prep samples for FedEx shipment to Lab

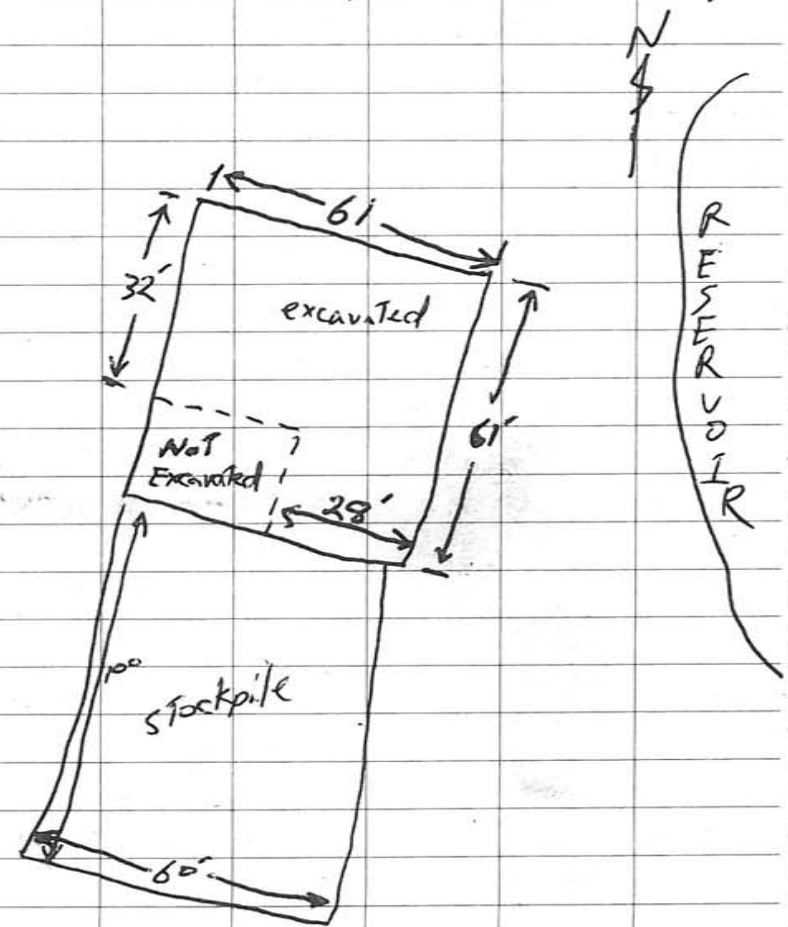
1400 Nolan drives completed and ready to ship cooler w/samples to FedEx location in Omaha

PIKA continues investigating materials of suspect during excavation operations by Creighton
one Pika representat observes excavation while other observes stockpile

1600 Significant amount of suspect Transite or ACM appearing in excavated material.
WORK IS STOPPED
After a discussion among all Kingston employees, decision is made to dig around the gross amount till a c

15 APR 08 Tuesday continued

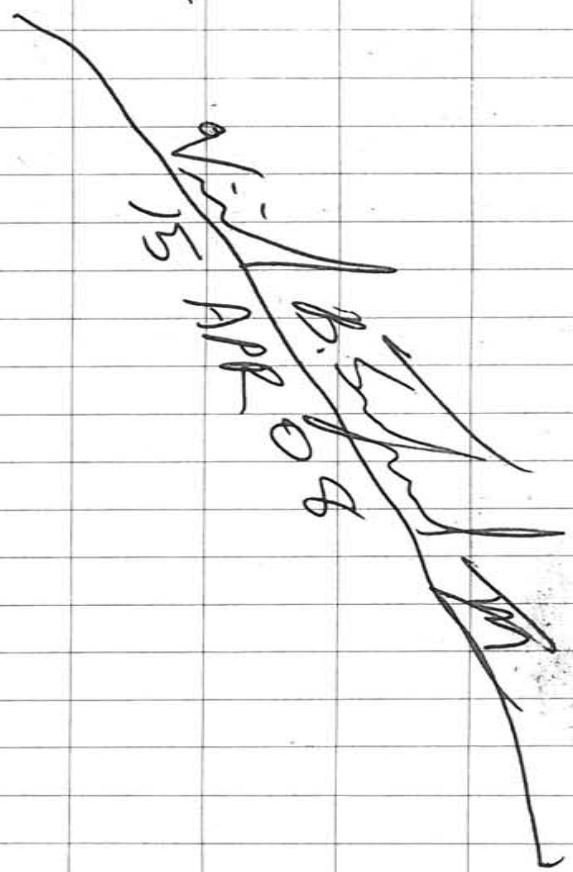
a consult with Baer (USACE) can occur.



15 APR 08 Continued

1630 ~~Silt~~ Safety Fence erected around excavation

1700 Depart Site



16 APR 08

0630 Crew muster in Hotel Lobby

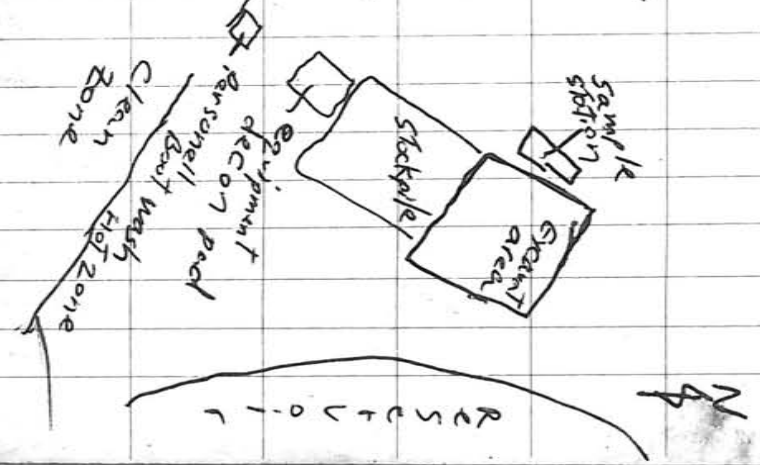
0700 - Creighton & Cox prepare to move + Job Trailer from LL4 to PLA
- weather is Sunny, windy
High of 70 expected

0710 Filled Vac Truck w/water 700gal

- Teaford & Cox Begin Layout of Grid for cells at PLA to be Sampled

- Set up Table & Sampling station

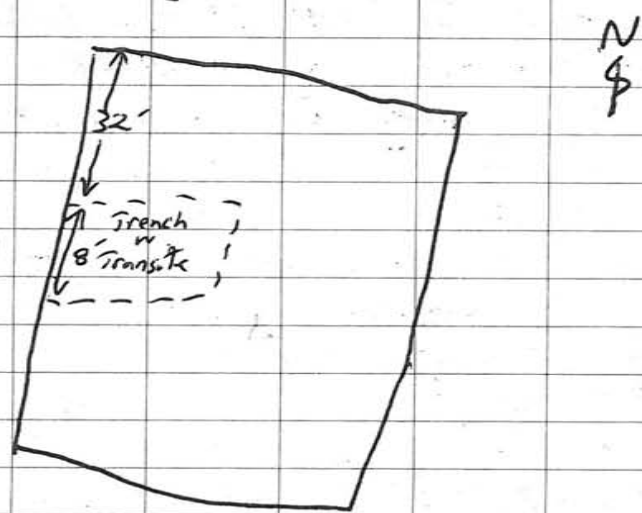
0800 Equipment and personnell decon pads setup



16 APR 08 continued

0900 Begin excavating along west edge of excavat. drawing soils to south and using skid steer to move soil to stockpile

1005 Kurt arrive at site
3rd party from ATC coming to Assess Transite. Pile containing Transite is Approx 4x6x3



1100 Asbestos Inspector recommends moving ACM soil onto Plastic

16 APR 08 continued

1130 Plastic placed to West of excavation for ACM placement
This pile will be hauled to Landfill separately

1200 Lunch

1300 Return from Lunch
excavation of PLA Resumes

1420 excavation of PLA Complete
- Teaford measures out "cells" inside excavation w/stakes
- Marks all Proposed Aliquot Locations w/ white wire flags

1450 Teaford Begins sample Collection procedures - Taking 4 Aliquots for each cell/homogenizing, Placing in Jars, Labelling,
Took samples at all locations
PLA-001-FS-0408-C Thru
PLA-009-FS-0408-C

The QC Sample (Labeled PLA-010-FS-0408-C) is a duplicate of Sample PLA-005-FS-0408-C
matrix Spike and matrix Spike Duplicate were from cell 9

Wensday 16 APR 08 Cont

QA sample is Labelled as
PLA-005-QA-0408-C
shimamoto using Trimple GeoXT
To GPS in stockpile, Excavation
Limits, and all aliquot locations

weather conditions at begin
of sampling is Approx 70°F
Sunny,

1540 - Rest of Crew (Creighton,
Cox, Hargen) Cover stockpile
with 6 mil Poly and secure
in Place with Sand Bags
- Safety Construction Fence
installed around excavation

1630 - Teaford and Shimamoto Prepare
Coolers for Shipment; COC
1 w/QA To AM Labs
1 w/FS, QC, MS, MSD To Teklab

1630 Creighton and Cox begin

16 APR 08 Wendesday continued
decon procedures on rubber
tire excavator initiated

1700 materials Secured in Trailers
Teaford Departs site for
FedEX Office in West Omaha
AKA Scope of work complete

16 APR 08

17 Apr 08 Thursday

0700 Crew Muster in Hotel Lobby
- Drive To site
- Weather is overcast, Rain 48°F
Rubber Tire Excavator decontamination completed
- Excavator Driven over To LL4 from PLA
- ~~Exit~~ Skid steer put in decontamination Pad and Thoroughly deconned
- Skid Steer Taken To LL4
- Covering of Stockpile with 6mil poly, secured in place with Sandbags
1200 - Water from Decon Station containerized in drums
- Decon station, Job Trailer moved over To LL4
- Leave site for Hotel

4-17-08

18 APR 08 Friday

0730 Crew muster in Hotel Lobby
- checkout
0830 Depart for KC
1400 Arrive in KC

4-18-08

19 APR 08 Thru 27 APR 08

NO ACTIVITY
IN FIELD

4-28-08

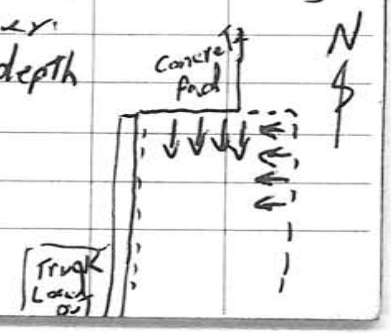
4-28-08

0500 Leave KC office
- Trucks Left @ 0430

0850 Arrive at LL4
- Breighton & Tedford in K
- Cox in K-11
- Hougan in POV
- Truck Drivers Hannah, Swift, & Mieske in Erddumps

0900 - Toolbox Talk
Sunny 42°F - Wind from North
- Excavation operations at LL4

0930 - Put 6mil Plastic down in Truck loadout area - secured by Sandbags
- Breighton Begin excavating in NE Corner
To Approx 1 ft depth

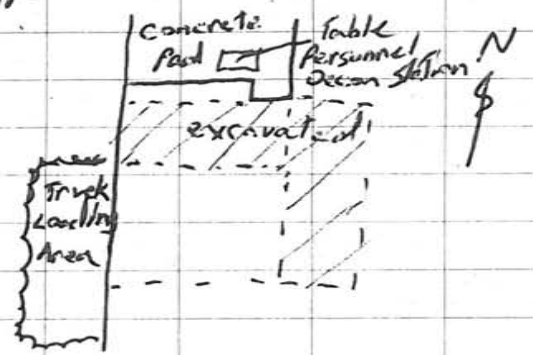


28 Apr 08 Continued

1030 Begin Loading excavated Soils onto End dumps
3 Trucks Loaded, sent To Landfill
manifest # 39226, 39227, 39228

1130-1210 Lunch

Approx Amount of LL4 excavated 50%



1400 Trucks Return for 2nd Load
manifest # 39229, 39230, 39231

1430 All Trucks (3) Loaded and Headed To Landfill

28 APR 08 continued

1445 – Begin sampling – weather is sunny, mid 50's, windy (10-25 mph)
unable To Sample west wall
Due To west wall being a Concrete structure.
LL4-004-FS-0408-C will NOT be Taken
– Date & Time samples taken put immediately on COC
– LL4-006-MS-0408-C is matrix spike
– LL4-006-MSD-0408-C is matrix spike DUP
– LL4-009-FS-0408-C is QC sample for LL4-007-FS-0408-C
– LL4-009-QA-0408-C will be sent To AM LAB as USACE QA sample

1630 All samples for LL4 Taken
1740 All COC filled, Coolers properly Packed
– Alvin and crew decontaminate equipment, Roll up Poly from Loading area

28 Apr 08 Continued

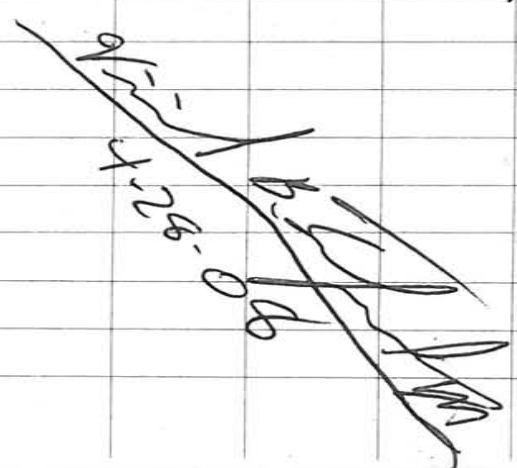
1800 - Equipment moved To LL2 or secured in Trailers

1530 - One more Truck loaded with last of LL4 manifest # 39232 Driver wont make Landfill by close so he will haul it in AM

1800 - Teaford drive samples To Fedex on Q street for Shipment To Labs

1810 - Crew departs site

2000 - Teaford arrives at Hotel



29 APR 08

weather sunny, Low 40's, light wind

0630 Leave for Jobsite

700 - Set up Poly for Truck load Area,

- excavation needs To done From South To North, Auling Soil away From west wall To the east

Loading 3 Trucks From Kingston and 2 subcontracted from landfill

0740 begin loading Trucks for First round

29 APR 08 continued

manifests for First Run are: (LL2)
39233, 39234, 39235, 39236

- all Trucks left on First Run by 0840

- 0900 Call From Lab - Only cooler handle showed up. LAB and FedEX Working Together To Find Cooler w/samples from LL4

- Hannahs Truck has a failing Air dryer - out of service till Repaired

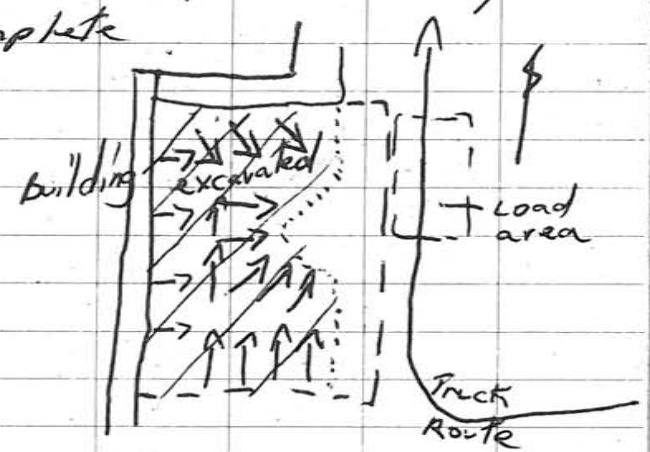
- Empty Pipeline found Approx 5 ~~feet~~ ft Ed Boothe of Gas Line (402) 540-9414 of VNL on scene To help determine nature of Line, Line was only 6" BLG and inactive of unknown nature - no contents or odor from pipe

29 APR 08 continued

- Cooler Found by FedEX will be in Teklab Tomorrow

- Jennifer calls - discussion with USACE about lost samples ~~concl~~ concludes Lost cooler is breach of COC - directive To Resample LL4

Excavation at LL2 mostly complete

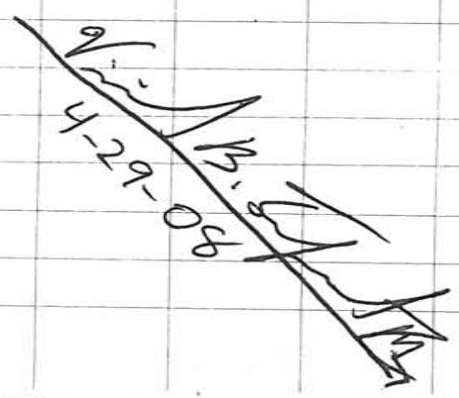


1340 - Teaford; Cox Go over To LL4 To Resample

29 APR 08 continued

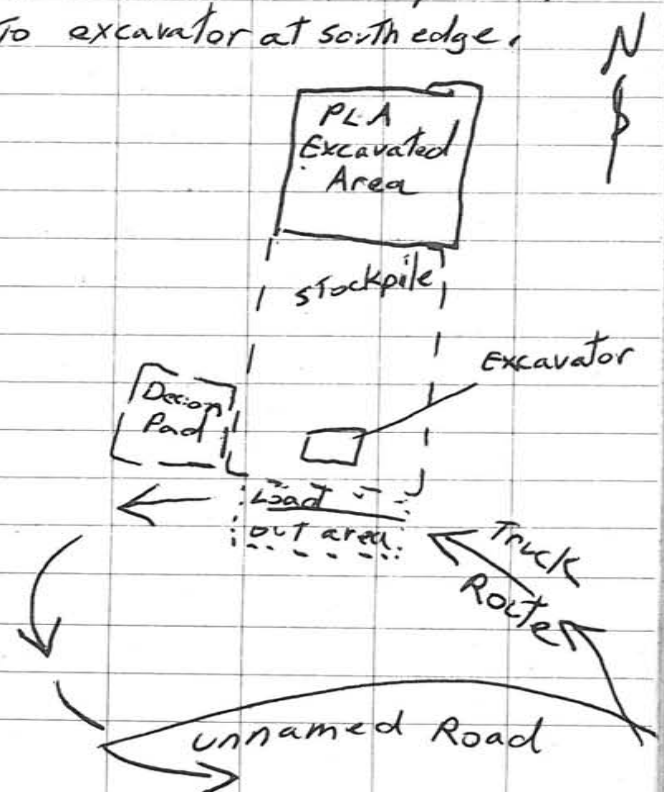
LL4 Resampled by Cox; Teaford
- LL4-006-MS-0408-C is matrix spike.
- LL4-006-MSD-0408-C is matrix Spike Dup.
- LL4-009-FS-0408-C is the Quality Control Sample for LL4-007-FS-0408-C.

LL4-009-QA-0408 will be sent to AM Labs as the USACE Quality Assurance Sample.
- Teaford takes packaged samples to FedEx for shipment
- Excavation complete at LL4
- Equipment deconned and taken to PLA



30 APR 08

0630 Crew muster at Hotel Lobby
- head to site
- Purchase cooler for QA sample
- Excavator placed on top of stockpile at PLA - Trucks coming in East to West and loaded on South side of stockpile skid steer used to push soil to excavator at south edge.



30 APR 08 continued

- Truck load out area covered with Plastic sheeting 3 Kingston Trucks 4 Trucks supplied by Landfill.

- 1330 Teaford & Cox go over To LL2 To Perform confirmation sampling
  - measure and mark cell dimen. inside excavation and aliquot Locations.

1520 - Begin Sampling - Sunny, 65°F, Windy - Used s. steel Trowel & Bowl, sampled ~~Thru~~ From LL2-001-FS-0408-C Thru LL2-011-FS-0408-C
- LL2-015-FS-0408-C is Quality control sample for LL2-007-FS-0408-C
- LL2-015-QA-0408-C is USACE Quality Assurance sample - To AFM LAB

1800 - Secure equipment in Trailer, head To Hotel

4-30-08

5-1-08

0630 - Crew muster

- 0715 Toolbox Talk
- Creight & Haugen at PLA Loading Trucks ~~at C~~
- Teaford & Cox at LL2 To Finish Sampling excavation
- Weather is Sunny, 66°F, windy
  sampled From LL2-012-FS-0508-C Thru LL2-014-FS-0508-C
  - LL2-013-MS-0508-C is matrix spike
  - LL2-013-MSD-0508-C is matrix spike Dup
  Sampling at LL2 complete
  - Used S. Steel Trowel & S. Steel Bowl

1020 - Teaford & Cox go over To Potential Landfill Area
- Cox & Creighton Begin deconning equipment

1040 Teaford samples West Wall (wall was excavated 1 ft To west on 4-30-08)
- sample labelled as PLA-011-FS-0508-C

1 May 08. Continued

1100 - Teaford samples ~~Container~~ Tank + holding Projects wastewater (Decon; Sampling; Equipment) with Bailer

1130 Lunch

1230 - Teaford continues Properly Packaging Coolers with Samples in Preparation of Samples shipping To Labs via FedEX.

- Hansen, Creighton, Cox finish Loading out stockpile at PLA Begin Equipment decon procedures.

1330 Teaford Heads To ~~Lab~~ FedEX

1530 - Equipment moved from PLA To LL4

1630 - Teaford Returned To Hotel

1800 - Remainder of Crew Returned To Hotel

5-1-08

2 May 08

0630 - Crew muster in Lobby

0715 - Crew arrives at LL4

- Creighton gives Cox pointers on operating Rubber Tipe excavator
- Creightons last day
- all equipment; Trailers secured and Properly located in Staging area approved by UNL

-0900 Depart Site for KC office

5-2-08

3, 4, & 5 May 08

no activity

6 May 08

0500 - Depart Kansas City Office
0915 - Arrive in Mead NOP
0920 - Toolbox Talk
- Alvin Discusses Days planned events
1) Backfill PLA up 2 ft & compact
2) if time, backfill LL2
3 Kingston Trucks bringing in backfill
2 Subcontracted from Landfill
Johnson 3
Johnson 8

Load Count

KES	Subcont
1	11

Alvin operating skid steer moving Dirt into excavato
Cox on compactor
Dirt laid in 6" lifts
Then compacted with a CAT CP-323C
- excavation Backfilled and compacted 2 ft from Top (also 2' from bottom)

7 May 08

No Activity - Heavy Rain

Previous night preventing any operations at site

[illegible]
7 May 08

8 May 08

0600 Crew muster at Hotel Lobby
0630 Depart for Jobsite
0715 - Toolbox Talk
- Drivers depart To Landfill for backfill soils
- Cox inspect equipment; working soils at PLA To help dry it out.
0800 - Cox & Haugen move To LL2
- Backfilling at LL2 will be safer and Less Damaging To roads
0850 Teaford meets GSI Compaction Tester - Takes him To PLA
0900 - GSI Tests west ½ and East ½ of PLA - both sides pass

	west	East
Compaction	98%	100+%
moisture	+3.6	+0.4

1000 Backfilling at LL2 underway Filling in From North and

8 May 08 continued

Pushing to the south. Sloping is to the east which is away from the Building. - Allowing for placement of at least 4" of Topsoil. Backfill being "Traffic" compacted by skid steer.

Backfill of U2 complete except for Topsoil placement

[illegible]
5-8-08

9 May 08

No activity at site

[illegible]
5-9-08

10, 11 May 08

no Activity (weekend)

5-12-08

5-12-08

0500 Depart KC

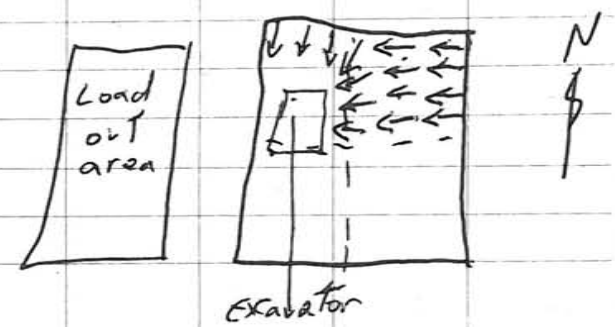
0900 Arrive at Mead

Toolbox Talk

- Discuss days plans
- Excavate LL4 areas that are hot
- Backfill PLA
- Resample LL4 areas

0930 - Load Area at LL4 Lined with Poly, Kingston end Dumps Lined with Poly

Cox on excavator removing additional 1 ft layer from Cells 5, 7, & 8. working from NE corner Pulling West, Then from North wall south



5-12-08 continued

0930 - Hargen at PLA recieving and compacting Backfill To Bring it from 2' BLG To 0' (grade)

- at LL4-~~8~~ cells 5, 7, and 8 were above acceptable levels

Sample Nomenclature for These cells at The 2 ft Depth are as Follows:

Cell 5 — LL4-010-FS-0508-C
Cell 7 — LL4-011-FS-0508-C
Cell 8 — LL4-012-FS-0508-C

matrix spike will be from cell 8 and Labeled as
LL4-012-MS-0508-C

Matrix Spike Duplicate will be from cell 8 and labeled as ~~LL4-012-MSD-0508~~
LL4-012-MSD-0508-C

1300 Teaford GPS coordinates of Excavation at LL4 Taken also at LL2 & PLA with a Trimble GEOXT

5-12-08

1400 - Cells 5, 7 & 8 at LL4 continue ~~are~~ To be excavated To 2' BLG
- Backfilling and compaction at PLA Continues

1500 - Preparations for Sampling of LL4 in cells 5, 7, & 8 begin BY Teaford
- Weather is Sunny, 73°F, Windy

1600 Beginning of Sampling (Confirmation) of LL4.

1700 - Confirmation sampling of LL4 done

1720 - Sample of Waste Water comprised of Decon water from Sampling Equipment and Pit pumpout Taken (stored in Tank) Labelled as WWI-001-FS-0508-G

1800 - Samples all packaged and ready for Shipment To lab
- INCIDENT, one of The Trucks subcontracted from Landfill ~~Backed into Ditch~~ To haul in Backfill To PLA Backed into Ditch and Rip Trailer Toppled over - No Injuries

5-12-08

1920 — Tonford arrives at FedEx office on 72nd in Omaha to ship samples

2000 — PLA Backfilling & compaction complete, ready for Topsoil & seed (Compaction test scheduled for 5-13-08 at 1:00 PM)

2030 — All crew members returned to Hotel in Fremont

[signature]
5-12-08

13 May 08

0630 - Crew Muster

0700 Arrive at site

- Trucks leave for Butler Co Landfill to get Topsoil
- Topsoil spread and graded at PLA & LLZ all Day to a 4" minimum Thickness.

[signature]
5-13-08

14 May 08

0630 Crew muster
0700 Arrive at site
Tool Box Talk
- Rental Representative supplies Training to whole crew on use of Tractor and Tiller and spreader.
- ~~Cox~~, Swift, & Mervschke begin decon of Rubber Tire excavator at LL4
- Hannah on Tractor, Tilling Topsoil at LL2
- Cox at PLA Finish spreading Topsoil Then Assisting Swift & Mervschke with Decon of Excavator - including gross removal & Pressure Washing on Decon pad
- Noon - Haugen depart for unrelated project
1300 - Hannah still Tilling LL2
- Cox, Swift, & Mervske Finishing Decon
1400 - Swift & Mervske help hannah Put on Spreader and load Seed
- Seed is Kentucky 31 w/ Ryel 4-50 LB bags applied to LL2

14 May 08 cont.

1400 - Cox using pump to Transfer Decon wastewater to barrel, then from barrel to wastewater tank on Flatbed Trailer
1530 - Seeding of LL2 Complete
- Hannah drives Tractor to PLA
- Solids & sludge on Decon Pad Put on Plastic sheeting with other solids from gross removal - to be disposed of and Pad left to Dry
1610 - Shimamoto calls - results of LL4 are back, all levels acceptable LL4 now cleared for backfilling

1630 - Equipment Parked, secured. Depart site

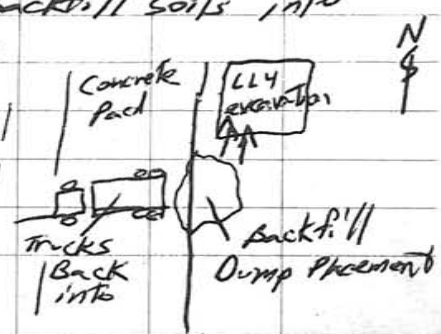
5-14-08

15 May 08

0600 - Crew Muster
0630 - arrive at site
- Drivers (Hannah, Swift, Meuschke) Leave for Landfill for Backfill at LL4
- Hargen operating Tractor; Tiller at PLA
- Cox using Vac Truck to haul irrigation water to LL2 and water Seed
- after watering Cox return Vac Truck to LL4 - gets Excavator and moves it to PLA where it will be used to Load clean stockpiled Topsoil onto Trucks for LL4 after Backfilling

0830 - Cox at LL4 using skid steer to Push Backfill soils into excavation

from pile on south side to the North.



15 May 08 Continued

1000 - Cox uses Vactruck to get ½ Tank (1500 gallons) of water from west side of LL2 (as directed by Facility Manager Jeff Stermer as Location to get water) and applied the water to LL2 backfilled and seeded area
- Hargen at PLA continuing to till backfilled excavation and other areas compressed by traffic and stockpile

1400 - Kingston Trucks (3 Total) dump 3rd round of Backfill and head back for 4th and final load (making 12 Total ~~loads~~ for the day.)

1500 Cox Fills Vac Truck ½ full for water to be used at PLA

Total water used to date:

700
1500
1500
3700 gallons

15 May 08 cont.

- PLA seeded w/ 4-50LB Bags of Kentucky 31 w/ rye mix
- Topsoil dumped and spread around LL4 to minimum of 4"
  - Hannah using Tractor Tiller To ~~Spread~~ Break soils up and prep for seed
- LL4 seeded w/ 2-50LB Bags Kentucky 31 w/ Rye mix
- Concrete Pad west of LL4 excavation Cleaned w/ shovels and Brooms

1500 gallons water sprayed on seed at LL4

2030 – Depart site

[illegible]
15 May 08

16 MAY 08

- 0630 Crew muster
- Cox; Meuschke Fill Vac Truck with 1500 Gal water and apply it to seeded Areas at PLA.
- Hannah, Swift, Teaford move Tractor, Tiller, & Broadcaster to LL2 for Pickup by Rental swift, Hannah secure skid steer and other equipment to Trailers. swift, Hannah, & Teaford move majority of Brush Debris at PLA

0940
- All areas Backfilled, & Seeded
- Only issues left incomplete are 3cuyds of soil w/ Asbestos at PLA and disposal of wastewater

1000 - Meet w/ UNL Facility Superintendant to do walk-Through of excavation areas.
- Visit LL4, PLA, then LL2

16 May 08

- UNL Superintendant Richard Anderson verbally gives satisfactory Approval of meeting UNL's requirements at sites

1030 - Jeff Steuhmer (Facility Manager) meets w/ Kingston and UNL Super Richard at LL2 after short meeting and Q&A, Steuhmer gives approval also.
- Total water used for Project 6700 gallons
  6000 gall. for watering seed
  700 gall. for decon

1100 - Depart Mead for KC

1600 Arrive at KC

16 May 08

APPENDIX N – VERIFICATION SAMPLING PLAN

DRAFT FNAL

WORK PLAN ADDENDUM

VERIFICATION SAMPLING PLAN

for the

NON-TIME CRITICAL REMOVAL ACTION

FOR

OPERATIONAL UNIT (OU) #3

NEBRASKA ORDNANCE PLANT

MEAD, NEBRASKA

Prepared by

U.S. ARMY CORPS OF ENGINEERS

KANSAS CITY DISTRICT

KANSAS CITY, MISSOURI

October 2008

As part of the post excavation work at the OU#3 antimony removal verification sampling will be completed. Verification sampling will be limited to native soils beneath the soil stockpile areas, decontamination areas, and truck loading areas. Where non-native soil is present then the verification sampling will be limited to perimeter/native soil locations. Verification sampling will be per sample area and the sample depth will be limited to the top 6 inches of native soil. Up to 5 sample aliquots will collected/ composited per 5000 square feet or 300 linear feet. Soil sample procedures will follow the original Field Sampling Plan of the OU#3 Work Plan.

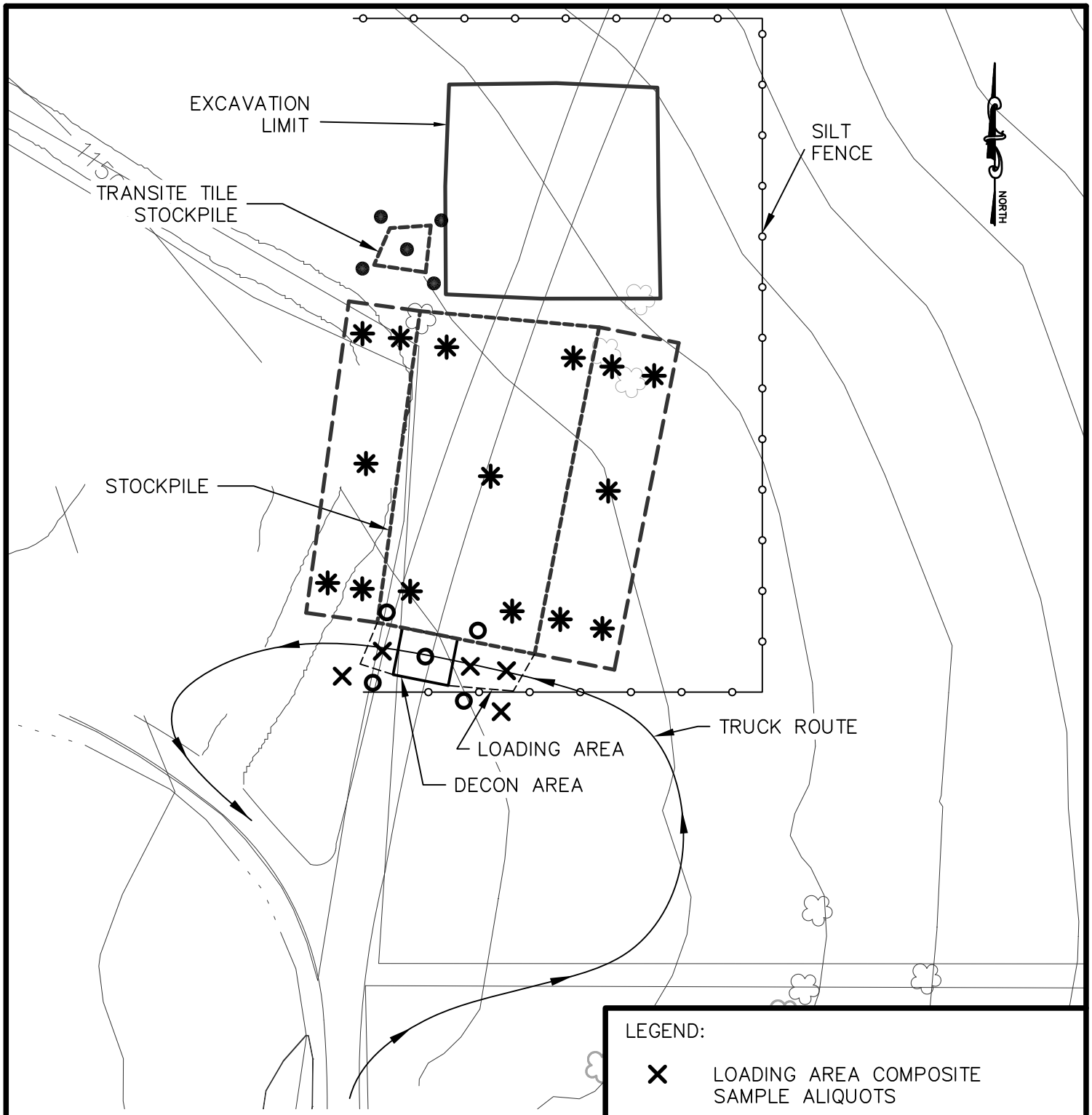
All verification samples will be analyzed for antimony through U.S. Environmental Protection Agency (EPA) method 7041. Table 2.1 of the original Field Sampling Plan of the OU#3 Work Plan lists the analytical requirement for verification sampling, EPA approved analytical methods, sample containers to be used, sample preservation requirements, and the maximum holding time allowable before samples are extracted and/or analyzed. A Quality Assurance/Quality Control, Matrix Spike, and Matrix Spike Duplicate sample will not be necessary.

Sampling location are described below and identified in Figures A-1, A-2, and A-3.

Potential Landfill Area

<u>Soil Stockpile Areas – Main Stockpile</u>

The main stockpile is the larger of two piles set up at the Potential Landfill Area. The dimension of this pile is approximately 90 foot by 50 foot pile or 4,500 square feet. A 5 aliquot composite sample will be collected with one aliquot from each corner and one aliquot from the center of the stockpile.



LEGEND:

- ✕ LOADING AREA COMPOSITE SAMPLE ALIQUOTS
- ○ DECON AREA COMPOSITE SAMPLE ALIQUOTS
- ● TRANSITE TILE STOCKPILE AREA COMPOSITE SAMPLE ALIQUOTS
- ✱ STOCKPILE AREA COMPOSITE SAMPLE ALIQUOTS

VERIFICATION SAMPLE LOCATIONS
POTENTIAL LANDFILL AREA

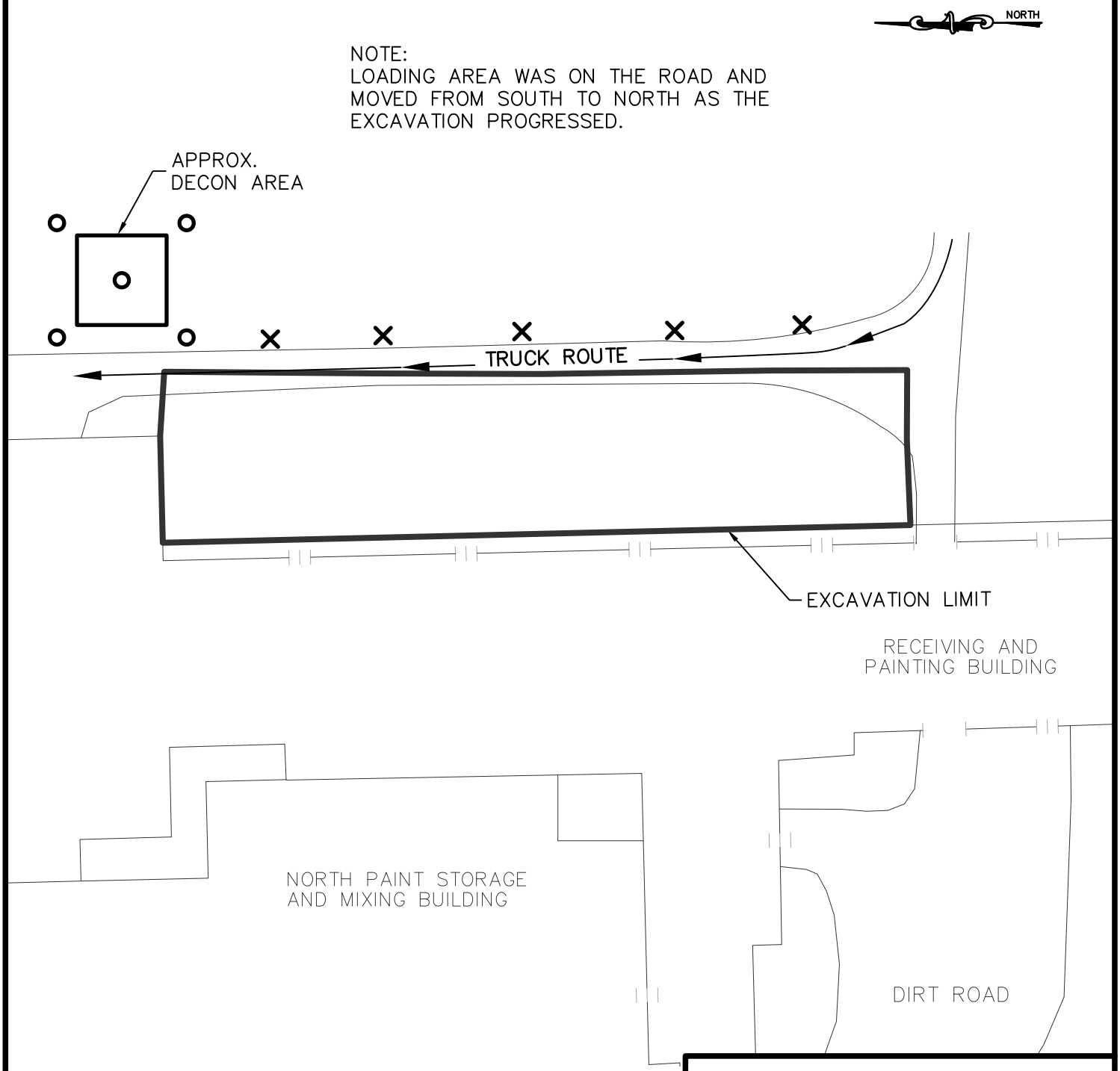
SCALE: 1" = 40'

KINGSTON ENVIRONMENTAL COMPANIES
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 10-06-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 012-1	
SHEET INDEX: FIGURE A-1	LAYOUT: 1



LEGEND:

× LOADING AREA COMPOSITE SAMPLE ALIQUOTS

○ DECON AREA COMPOSITE SAMPLE ALIQUOTS

VERIFICATION SAMPLE LOCATIONS
LOAD LINE 2

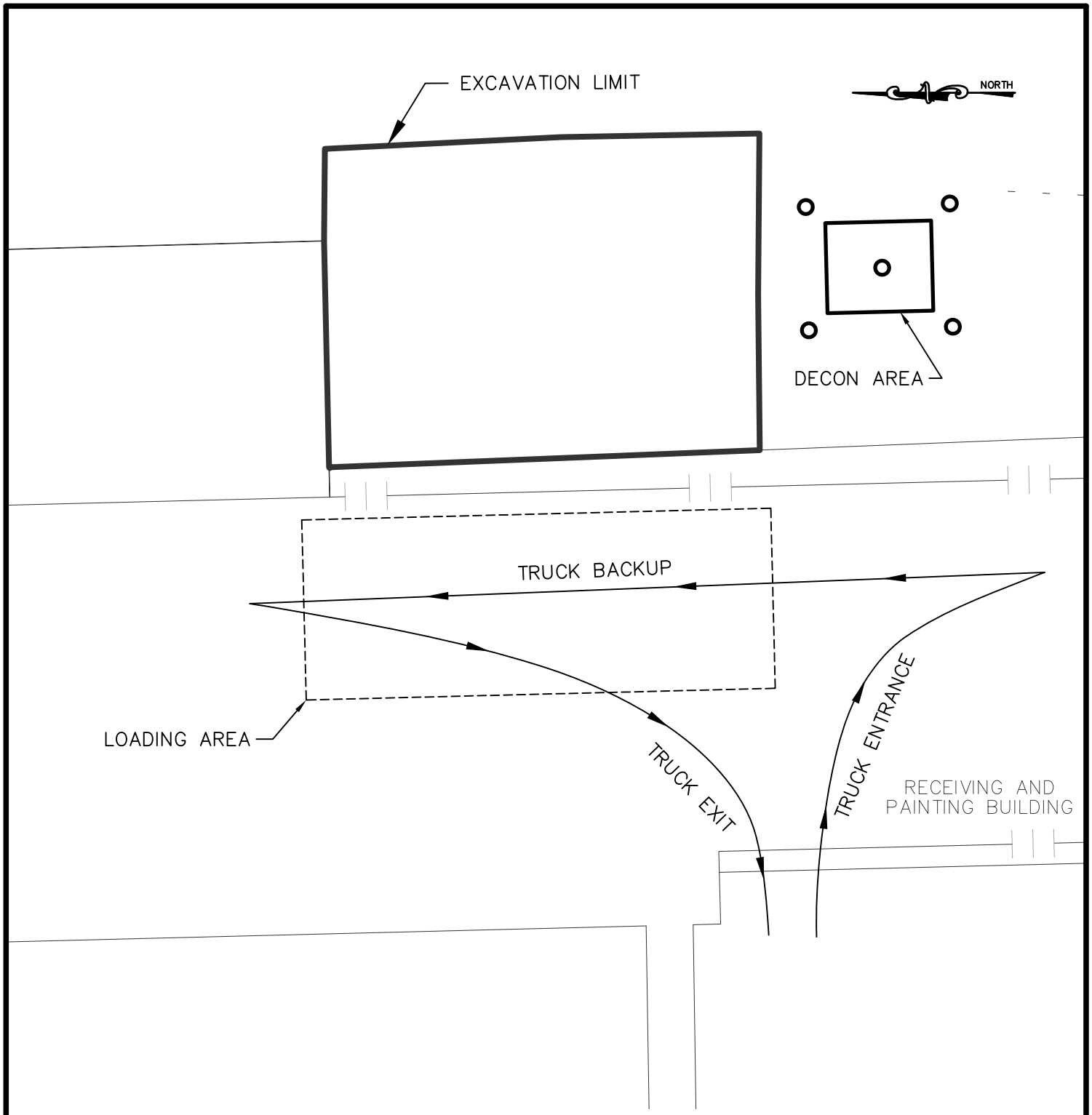
SCALE: 1" = 40'

KINGSTON ENVIRONMENTAL COMPANIES
15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 10-06-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 012-1	
SHEET INDEX: FIGURE A-2	LAYOUT: 2



VERIFICATION SAMPLE LOCATIONS
LOAD LINE 4

SCALE: 1" = 20'

LEGEND:

○ DECON AREA COMPOSITE SAMPLE ALIQUOTS

KINGSTON ENVIRONMENTAL COMPANIES

15450 HANGAR ROAD (816) 524-8811
KANSAS CITY, MO 64147 (816) 525-5027

FORMER NEBRASKA ORDINANCE PLANT

MEAD, NE

DATE: 10-06-2008	DRAWN BY: JNC
PROJECT: 07R760	
FILE NAME: 07R760 012-1	
SHEET INDEX: FIGURE A-3	LAYOUT: 3

10/06/2008 02:30 PM Y:\KINGSTON DRAWINGS\2007\R-REMEDIATION\07R760\07R760 012-1.DWG

Additionally, one composite verification sample will be collected to the east side of the main stockpile and one composite verification sample will be collected to the west side of the main stockpile. These east and west verification samples will be collected in an area parallel to and an area approximately half the size of the main stockpile. Each side verification sample will be a 5 aliquot composite sample that will be collected from each corner and one aliquot from the center.

There is no need for a verification sample to the north of the main stockpile as that area was excavated and replaced with clean soil. The area to the south of the main stockpile will be sampled as part of the decontamination/truck loading area verification sampling

The following sample designation will be used:

PLA-VS-Main Potential Landfill Area – Verification Sample – Main Stockpile

PLA-VS-Main-E Potential Landfill Area - Verification Sample - Main Stockpile - East Side

PLA-VS-Main-W Potential Landfill Area - Verification Sample - Main Stockpile –West Side

Soil Stockpile Areas – Asbestos Stockpile

The asbestos stockpile is the smaller of two piles set up at the Potential Landfill Area and was set up to separate the antimony contaminated soil with asbestos containing material (ACM) from the main stockpile. The dimension of this pile is approximately 25 foot square or 625 square feet. A 5 aliquot composite sample will be collected with one aliquot from the center of the stockpile and one aliquot from each corner just beyond the extent of the stockpile. The following sample designation will be used:

PLA-VS-ASB Potential Landfill Area – Verification Sample – Asbestos Stockpile

Decontamination Area

The decontamination area is approximately 25 foot square or 625 square feet. A 5 aliquot composite sample will be collected with one aliquot from the center of the decontamination area and one aliquot from each corner just beyond the extent of the decontamination area. The following sample designation will be used:

PLA-VS-Decon Potential Landfill Area – Verification Sample – Decontamination Area

Truck Loading Area

The truck loading area is approximately 50 feet long by 15 feet wide or 750 square feet. The orientation of the truck loading area is approximately east – west. A 5 aliquot composite sample will be collected. Three aliquots will be collected from beneath the truck loading area and two aliquots will be collected south of the truck loading area.

There is no need to sample to the west, north, and east of the truck loading area as any soil concerns will be captured by the main stockpile verification sampling.

The following sample designation will be used:

PLA-VS-TLA Potential Landfill Area - Verification Sample - Truck Loading Area

Load Line 2

Soil Stockpile Area

At this area soil was directly loaded onto trucks; hence, there was no soil stockpiling.

Decontamination Area

The decontamination area is approximately 25 foot square or 625 square feet. A 5 aliquot composite sample will be collected with one aliquot from the center of the decontamination area and one aliquot from each corner just beyond the extent of the decontamination area. The following sample designation will be used:

LL2-VS-Decon Load Line 2 – Verification Sample – Decontamination Area

Truck Loading Area

The truck loading area is approximately 300 feet long by 15 feet wide. The orientation of the truck loading area is approximately north – south and on top of a gravel road bed. The north and south ends of the truck loading area is a gravel roadbed or non-native material; hence, soil samples will not be collected. The east side of the truck loading area is adjacent to the excavation and its native soils have been replaced with clean backfill; hence, soil samples will not be collected. The west side of the truck loading area will be sampled beyond the roadbed in native soil. A 5 aliquot composite sample will be collected along the length of the truck loading area and evenly spaced. The following sample designation will be used:

LL2-VS-TLA- Load Line 2 - Verification Sample - Truck Loading Area

Load Line 4

Soil Stockpile Area

At this area soil was directly loaded onto trucks; hence, there was no soil stockpiling.

Decontamination Area

The decontamination area is approximately 25 foot square or 625 square feet. A 5 aliquot composite sample will be collected with one aliquot from the center of the decontamination area and one aliquot from each corner just beyond the extent of the decontamination area. The following sample designation will be used:

LL4-VS-Decon Load Line 4 – Verification Sample – Decontamination Area

Truck Loading Area

The truck loading area was on the concrete foundation of a demolished building. The loading area was adjacent to the excavation area and its native soils have been replaced with clean backfill. Soil sampling is not necessary at this area.

APPENDIX O – VERIFICATION SAMPLING QUALITY CONTROL SUMMARY REPORT

Quality Control Summary Report

Confirmation Samples
Non-Time Critical Removal Action
Operable Unit 3
Former Nebraska Ordnance Plant
Mead, Nebraska
AML SDG: 0810022

Kansas City District
Corps of Engineers

November 2008

Introduction and organization

The sampling for this event was performed in accordance with *Field Sampling Plan, Engineering Evaluation/Cost Analyses Non-Time Critical Removal Action for Operable Unit 3, Nebraska Ordnance Plant Mead, Nebraska.* Samples collected for this event and analyses performed are listed in the Sample Status and Receipt Report on page 9 in the case narrative. Primary and quality control samples are listed on the quality control Association form on page 22 in the case narrative. Primary field samples were analyzed by Analytical Management Laboratory (AML), in Olathe, Kansas. Data was reviewed using the ADR 8.1 from LDC Inc and the *Mead Data Review Guide*. Data was compiled for this report from EDMS 7.0 from LDC Inc. Analytical results are in Table 1 of this report.

Laboratory data packages and Case Narratives are in Appendix A.

Chain-of-Custody

Chain-of-Custody was complete. Samples were received in good condition and appropriately preserved. See sample receiving reports in Appendix A.

Holding Times

Holding time of 180 days was met. These samples were under an expedited (one week) turnaround time which was met.

Method Blank

Antimony was not detected in the method Blank

Laboratory Control Sample Recoveries

LCS/LCSD results were within the acceptable limits.

Post Digestion Spike

The PDS was within acceptable limits.

Serial Dilution

Serial dilution results were within acceptable limits.

Matrix Spike/Matrix Spike Duplicate

MS/MSD results were below acceptable limits, with 71.9% and 72.9% recoveries with the acceptable range of 80%-120%. The relative percent difference (RPD) was very close at 1.36%. With acceptable LCS/LCSD, PDS, and serial dilution results this would be indicative of a matrix effect. The parent sample, PLA-VS-Decon, was flagged as estimated and these results indicate a low bias for the sample. As the sample had 3.54 mg/kg of antimony detected, it is unlikely that this small bias would impact the action limit of 30 mg/kg.

Equipment Blanks

There was no equipment blank submitted with this SDG.

Field Duplicates
There was no field duplicate submitted with this SDG

Conclusion
The data is acceptable as presented and is usable within the limitations of the qualifications supplied.

Table 1
Analytical Results

ClientSampleId	Collected	LabID	LabSampleID	MatrixID	Method	AnalyteName	CAS	Result	Qualifier	Units	LOQ	LOD
LL2-VS-Decon	10/8/2008	AML	0810022-07	SO	6010B-Sb	Antimony	7440-36-0	0.888	U	mg/kg	0.888	0.444
LL2-VS-TLA	10/8/2008	AML	0810022-08	SO	6010B-Sb	Antimony	7440-36-0	0.830	J	mg/kg	0.988	0.494
LL4-VS-Decon	10/8/2008	AML	0810022-09	SO	6010B-Sb	Antimony	7440-36-0	2.06		mg/kg	0.998	0.499
PLA-VS-ABS	10/8/2008	AML	0810022-04	SO	6010B-Sb	Antimony	7440-36-0	15.1		mg/kg	0.968	0.484
PLA-VS-Decon	10/8/2008	AML	0810022-05	SO	6010B-Sb	Antimony	7440-36-0	3.54	J	mg/kg	0.927	0.464
PLA-VS-Main	10/8/2008	AML	0810022-01	SO	6010B-Sb	Antimony	7440-36-0	0.592	J	mg/kg	0.952	0.476
PLA-VS-Main E	10/8/2008	AML	0810022-02	SO	6010B-Sb	Antimony	7440-36-0	9.82		mg/kg	1.04	0.518
PLA-VS-Main W	10/8/2008	AML	0810022-03	SO	6010B-Sb	Antimony	7440-36-0	3.66		mg/kg	0.954	0.477
PLA-VS-TLA	10/8/2008	AML	0810022-06	SO	6010B-Sb	Antimony	7440-36-0	0.992	U	mg/kg	0.992	0.496

Appendix A

Case Narrative

Analytical Management Laboratories, Inc.
est. 1993

October 16, 2008

Mr. Jerry A. Montgomery
Project Chemist, CENWK-EC-EF
U.S. Army Corps of Engineers, Kansas City District
Federal Building, Suite 610
601 East 12th Street
Kansas City, MO 64106-2896
Phone: 816-389-3904
Fax: 816-389-2008

Dear Mr. Montgomery:

RE: Mead OU3
W912DQ-04-D-0018
AML Work Order Number: 0810022

Attached, please find the hardcopy analytical report (_____ total pages) for environmental samples submitted by CENWK for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML) and meet NELAC compliance, except as noted in the case narrative. Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and my not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101 ext. 23), fax (913-829-1181) or email (mharris@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

_____
Melania Harris
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax: (913) 829-1181

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).

J = Detected above MDL or LOD but below the limit of quantitation (LOQ).
P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method QC limit.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g. several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms
The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g. metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms
A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems

Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available. Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures
Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures
Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration
Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement
To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

Analytical Management Laboratories, Inc.
est. 1993

Project Information
Nine (9) samples were received by AML on October 9, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals (Antimony) by 6010B
Batch P810081 – MS/MSD was outside QC limits biased low for Antimony, the Post Digestion Spike and Serial Dilution were within QC limits for Antimony.

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0810022

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42821

Chain of Custody Record / Request for Analysis

Client Contact Name: Jerry Montgomery
Company Name: USACE-KC
Address: 601 E 12th St Rm 610
City, State, Zip: KC MO 64106
Phone #: (816) 389 3904 Ext:
Fax #: (816) 389 2008
Email: jerry.montgomery@usace.army.mil

Project Name: Mead OU3
Project Number:
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name: Kurt Baer Brad Brink

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0810022

Specify method # ---> Antimony

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date (2008)	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C		VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify) Antimony	DRO	GRO	Explosives	Anions (specify)	Comments:
0810022-01	PLA-VS-Main	10/8	1700	Soil	1													✓					clear glass jar
0810022-02	PLA-VS-Main E	10/8	1700		1													✓					
0810022-03	PLA-VS-Main W		1700		1													✓					
0810022-04	PLA-VS-ABS		1700		1													✓					
0810022-05	PLA-VS-Decon		1700		1													✓					
0810022-06	PLA-VS-TLA		1700		1													✓					
0810022-07	LL2-VS-Decon		1830		1													✓					
0810022-08	LL2-VS-TLA		1830		1													✓					
0810022-09	LL4-VS-Decon	✓	1810	✓	1													✓					✓
10																							

CUSTODY						
Relinquished By:	Kurt Baer	10/9 Date/Time:	1332	Received By:	Rolf	Date/Time: 10-9-08 1333
Relinquished By:		Date/Time:		Received By:		Date/Time:

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☑ Delivered In Person ☐ Courier ☐ Airbill #:	☐ Yes ☑ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.2 °C ☑ Temp. Blank ☐ Cooler	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0810022 **Client AML ID** USACE KANSAS CITY DISTRI **Report Lvl.** 3

Work Order Due Date 10/16/08 **Client Project ID** Mead OU3

Work Order TAT 7

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0810022-01	Soil	PLA-VS-Main	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-01	Soil	PLA-VS-Main	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-02	Soil	PLA-VS-Main E	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-02	Soil	PLA-VS-Main E	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-03	Soil	PLA-VS-Main W	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-03	Soil	PLA-VS-Main W	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-04	Soil	PLA-VS-ABS	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-04	Soil	PLA-VS-ABS	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-05	Soil	PLA-VS-Decon	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-05	Soil	PLA-VS-Decon	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-06	Soil	PLA-VS-TLA	10/08/08 17:00	10/14/08	Solids, Dry Weight by % Solids	
0810022-06	Soil	PLA-VS-TLA	10/08/08 17:00	10/14/08	Metals by 6010B	Antimony
0810022-07	Soil	LL2-VS-Decon	10/08/08 18:30	10/14/08	Solids, Dry Weight by % Solids	
0810022-07	Soil	LL2-VS-Decon	10/08/08 18:30	10/14/08	Metals by 6010B	Antimony
0810022-08	Soil	LL2-VS-TLA	10/08/08 18:30	10/14/08	Solids, Dry Weight by % Solids	
0810022-08	Soil	LL2-VS-TLA	10/08/08 18:30	10/14/08	Metals by 6010B	Antimony
0810022-09	Soil	LL4-VS-Decon	10/08/08 18:10	10/14/08	Metals by 6010B	Antimony
0810022-09	Soil	LL4-VS-Decon	10/08/08 18:10	10/14/08	Solids, Dry Weight by % Solids	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACEKC

AML Work Order Number: 0810022

Project ID: Mead OU3

Cooler ID: Default Cooler

Delivery Method

Delivery Method: Walk-in

Name of Person Receiving Samples: Robb Said

Airbill Number:

Custody Seals

Were Custody Seals Present? No

Cooler Opened By: Nissa Said

Were Custody Seals Intact? No

Date Opened 10/9/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.70°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? NA
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: **Robb Said**

Project Manager Review: [signature]

Date: 10/10/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0810022

(Sample Delivery Group, SDG)

6010B

(Parameter)

P810081

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-Main
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	0810022-01
% Solids:	83.38	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 02:17
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	0.592	mg/kg	J	0.476	0.952	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-Main E
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.23 g / 50 mL	Lab Sample ID:	0810022-02
% Solids:	78.55	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 02:26
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	9.82	mg/kg		0.518	1.04	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-Main W
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	0810022-03
% Solids:	83.19	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 02:36
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	3.66	mg/kg		0.477	0.954	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-ABS
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.31 g / 50 mL	Lab Sample ID:	0810022-04
% Solids:	78.83	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 02:45
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	15.1	mg/kg		0.484	0.968	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-Decon
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	0810022-05
% Solids:	85.59	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 02:54
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	3.54	mg/kg		0.464	0.927	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	PLA-VS-TLA
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.2 g / 50 mL	Lab Sample ID:	0810022-06
% Solids:	84.03	Date Collected:	10/08/08 17:00
Analytical Method:	6010B	Date Analyzed:	10/15/08 04:01
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		mg/kg	U	0.496	0.992	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LL2-VS-Decon
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.28 g / 50 mL	Lab Sample ID:	0810022-07
% Solids:	87.93	Date Collected:	10/08/08 18:30
Analytical Method:	6010B	Date Analyzed:	10/15/08 04:10
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		mg/kg	U	0.444	0.888	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LL2-VS-TLA
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.23 g / 50 mL	Lab Sample ID:	0810022-08
% Solids:	82.25	Date Collected:	10/08/08 18:30
Analytical Method:	6010B	Date Analyzed:	10/15/08 04:19
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	0.830	mg/kg	J	0.494	0.988	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LL4-VS-Decon
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	0810022-09
% Solids:	79.54	Date Collected:	10/08/08 18:10
Analytical Method:	6010B	Date Analyzed:	10/15/08 04:28
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Leached:	NA
Leach Method:		Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	2.06	mg/kg		0.499	0.998	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0810022

(Sample Delivery Group, SDG)

6010B

(Parameter)

P810081

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P810081 **Method:** 6010B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
10/15/08	10/11/08	0810022-01		SAMPLE	0810022
10/15/08	10/11/08	0810022-02		SAMPLE	0810022
10/15/08	10/11/08	0810022-03		SAMPLE	0810022
10/15/08	10/11/08	0810022-04		SAMPLE	0810022
10/15/08	10/11/08	0810022-05		SAMPLE	0810022
10/15/08	10/11/08	0810022-06		SAMPLE	0810022
10/15/08	10/11/08	0810022-07		SAMPLE	0810022
10/15/08	10/11/08	0810022-08		SAMPLE	0810022
10/15/08	10/11/08	0810022-09		SAMPLE	0810022
10/15/08	10/14/08	8J14009-SRD1	0810022-05	Serial Dilution	0810022
10/15/08	10/11/08	P810081-BLK1		Method Blank	0810022
10/15/08	10/11/08	P810081-BS1		LCS	0810022
10/15/08	10/11/08	P810081-BSD1		LCS Dup	0810022
10/15/08	10/11/08	P810081-MS1	0810022-05	Matrix Spike	0810022
10/15/08	10/11/08	P810081-MSD1	0810022-05	Matrix Spike Dup	0810022
10/15/08	10/11/08	P810081-PS1	0810022-05	Post Spike	0810022

Form 1 Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.25 g / 50 mL	Lab Sample ID:	P810081-BLK1
% Solids:		Date Collected:	
Analytical Methdod:	6010B	Date Analyzed:	10/15/08 01:37
Preparation:	EPA 3050B	Date Received:	
Batch:	P810081	Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		mg/kg	U	0.400	0.800	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.25 g / 50 mL	Lab Sample ID:	P810081-BS1
% Solids:		Date Collected:	
Analytical Methdod:	6010B	Date Analyzed:	10/15/08 01:59
Preparation:	EPA 3050B	Date Received:	
Batch:	P810081	Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	82.2	mg/kg		0.400	0.800	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.25 g / 50 mL	Lab Sample ID:	P810081-BSD1
% Solids:		Date Collected:	
Analytical Methdod:	6010B	Date Analyzed:	10/15/08 02:08
Preparation:	EPA 3050B	Date Received:	
Batch:	P810081	Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	80.9	mg/kg		0.400	0.800	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P810081
Fraction:	METALS	Matrix:	Soil
Units:	mg/kg		

Lab Sample ID: ***P810081-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	80.0	82.2	103		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P810081
Fraction:	METALS	Matrix:	Soil
Units:	mg/kg		

Lab Sample ID: ***P810081-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	80.0	80.9	101		80	120	1.59

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	P810081-MS1
% Solids:	85.59	Date Collected:	10/08/08 17:00
Analytical Methdod:	6010B	Date Analyzed:	10/15/08 03:12
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	70.2	mg/kg		0.464	0.927	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	P810081-MSD1
% Solids:	85.59	Date Collected:	10/08/08 17:00
Analytical Methdod:	6010B	Date Analyzed:	10/15/08 03:42
Preparation:	EPA 3050B	Date Received:	10/09/08 13:33
Batch:	P810081	Date Prepared:	10/11/08 09:53

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	71.1	mg/kg		0.464	0.927	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P810081
Fraction:	METALS	Matrix:	Soil
Units:	mg/kg		

Original Sample ***0810022-05*** ***Lab Sample ID for MS :*** ***P810081-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	3.54	92.7	70 2	71.9	ME*	80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P810081
Fraction:	METALS	Matrix:	Soil
Units:	mg/kg		

Original Sample ***0810022-05*** ***Lab Sample ID for MSD*** ***P810081-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	3.54	92.7	71.1	72.9	ME*	1.36		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	P810081-PS1
% Solids:	85.59	Instrument ID:	ICP
Analytical Methdod:	6010B	Date Collected:	10/08/08 17:00
Preparation:	EPA 3050B	Date Analyzed:	10/15/08 03:51
Batch:	P810081	Date Received:	10/09/08 13:33

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	86.9	mg/kg		0.464	0.927	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8J14009

Prep Batch: P810081

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	3.54	92.7	86.9	89.9		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE KANSAS CITY DISTRICT	Project:	Mead OU3
Matrix:	Soil	Project Num:	0810022
Initial/Final:	1.26 g / 50 mL	Lab Sample ID:	8J14009-SRD1
% Solids:	85.59	Instrument ID:	ICP
Analytical Methdod:	6010B	Date Collected:	10/08/08 17:00
Preparation:	P810081	Date Analyzed:	10/15/08 03:03
Batch:	8J14009	Date Received:	10/09/08 13:33

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	3.35	mg/kg	J	2.32	4.64	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8J14009

Fraction: METALS

Orig HSN: 0810022-05 **SD HSN:** 8J14009-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	3.54	3.35	5.37		10

* Values outside of QC limits

NA = Not Applicable