

REMOVAL ACTION COMPLETION REPORT



**Atmos Energy Corporation
Former Manufactured Gas Plant
Third and Elm Streets
Owensboro, Kentucky**

Prepared by:



Linebach • Funkhouser, Inc.
environmental compliance & consulting



September 15, 2008

Mr. Art Smith
U.S. EPA On-Scene Coordinator
Romano L. Mazzoli Federal Building, Room 172A
600 Dr. MLK Jr. Plaza
Louisville, Kentucky 40202

***Re: Removal Action Completion Report
Atmos Energy Corporation
Third and Elm Streets
Owensboro, Daviess County, Kentucky
EPA ID #KYD980838395 / AI #51994
Linebach Funkhouser Project Number 163-07***

Dear Mr. Smith:

Linebach Funkhouser, Inc. (LFI), consultant for Atmos Energy Corporation (Atmos Energy), has prepared this *Removal Action Completion Report* documenting the construction of a site cover over affected soil at a vacant lot at Third and Elm Streets in Owensboro, Kentucky (the "Site"). The Site was the former location of a manufactured gas plant. The removal action was initiated on May 19, 2008. Soil cover construction work was essentially completed on July 18, 2008. An inspection of the finished work at the Site was conducted with USEPA and KDEP regulators on August 8, 2008. The work was conducted in accordance with the January 28, 2008 *Final Administrative Settlement Agreement and Order on Consent for Removal Action* (Settlement Agreement), CERCLA Docket No. 04-2008-3757, between Atmos Energy and USEPA.

Completed actions have resulted in an elimination of complete exposure pathways. The site cover was constructed in such a way as to serve as a benefit to the local community for use as a parking lot and recreational area for the adjacent Fourth Street Baptist Church. Please contact Mr. Stuart Schulz of Atmos Energy (615-771-8405) or the undersigned if you have any questions about the enclosed report or the project in general.

Sincerely,

Brendan B. Merk, P.G.
Project Hydrogeologist
Kentucky Registered Geologist No. 2361

Roy V. Funkhouser, P.G.
Principal
Kentucky Registered Geologist No. 1621

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CERTIFICATION

Under penalty of law, I certify that to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of the report, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Roy V. Funkhouser, P.G.
Principal
Linebach Funkhouser, Inc.
Kentucky Registered Geologist No. 1621

Date

1.0 BACKGROUND

Property near the corner of 3rd and Elm Streets in Owensboro, Kentucky, specifically the vacant lot west of the gymnasium of the former Goodloe Elementary School, was the location of a former manufactured gas plant (MGP). The MGP operated from 1889 to 1929, and was run by predecessor companies to Atmos Energy Corporation (Atmos Energy). A map showing the location of the Site is provided in Figure 1. The former MGP produced combustible gas that was distributed to area homes and businesses to fuel gas lamps and cooking stoves. The Goodloe School was closed and abandoned several years ago, and is now the property of the Fourth Street Baptist Church of Owensboro.

1.1 Previous Investigations and Actions

A byproduct of the MGP process was coal tar. In the early 1980's, state and federal regulators began taking particular note of former MGP sites across the country, and began assessing soil for the components of the coal tar residue that is a relatively common component at these locations.

In 1984, representatives with the Kentucky Department for Environmental Protection (KDEP) and the United States Environmental Protection Agency (USEPA) sampled the 3rd and Elm Street site as part of a Site Investigation conducted jointly by these two agencies. Their investigation found detectable levels of certain polynuclear aromatic hydrocarbons (PAHs) in soil at the site. Results were included in the KDEP/USEPA *Site Investigation Report*, dated April 25 1984. Based on the results from the 1984 investigation, a preliminary risk assessment was prepared by USEPA (May 1984). Although PAH constituents were present within part of the vacant lot, the risk assessment found no sufficient evidence of a health hazard to restrict access to the lot.

In April of 1993, KDEP collected additional information at the site for the purpose of preparing a *Site Prioritization Report*. Based on the findings of that report, KDEP concluded that the site did not warrant further action, but recommended that general measures be employed to limit direct contact with soil at the site.

Pursuant to the 1984 and 1993 investigations, health professionals lowered the PAH action levels. As a result, in August of 2006 KDEP prepared a *Sampling and Analysis Plan* (SAP) that was reviewed and approved by USEPA. Further site assessment work, as described in the SAP, was conducted by KDEP in September 2006. That assessment detected benzo(a)pyrene (a specific PAH), at a concentration in excess of default risk-based screening levels adopted by USEPA and KDEP.

In December 2006, KDEP referred the site to USEPA for further action. USEPA determined that a formal Removal Action was required to eliminate possible contact with surface soils containing benzo(a)pyrene (BaP) at a concentration in excess of USEPA's BaP general action level of 6.2 milligrams per kilogram. Based on discussions with KDEP, it was also made apparent that mitigation efforts would need to satisfy not only USEPA's action level, but also KDEP's more stringent default risk-based BaP cleanup goal of 0.062 mg/kg.

In January of 2007, Atmos Energy agreed to cap the affected soil and to develop a Removal Action Work Plan (RAWP) explaining the methodology to do so. USEPA and KDEP approved the RAWP in November 2007.

In January of 2008, Atmos Energy and USEPA entered into a *Settlement Agreement and Order on Consent* to conduct the removal action.

In February of 2008, Linebach Funkhouser, Inc. (LFI), environmental consultant for Atmos Energy, conducted additional assessment work in accordance with the approved RAWP. The purpose of the work was to develop a final site cover design necessary to satisfy City of Owensboro stormwater runoff requirements as well as KDEP's more stringent screening levels for BaP. Based on the results of that 2008 assessment, a conservative soil cover design encompassing the entire site property was developed by LFI and approved by USEPA and KDEP. The design was included in LFI's March 2008 *Confirmation of Engineered Control Coverage Area* report.

1.2 Purpose

The purpose of the work implemented as part of the approved Removal Action was to eliminate potential exposure to affected soil at the site. To this end, the following activities were conducted:

- The entire site was capped predominantly by asphalt pavement, with a limited area on the property's north side covered by a stormwater detention basin comprised of natural unaffected soil.
- A 6-foot chain-link security fence with lockable gates was installed around the entire perimeter of the site.
- An Environmental Covenant to be established with KDEP was developed to address future use of the property.

2.0 REMOVAL ACTION IMPLEMENTATION

The following sections describe the major work components implemented as part of the Removal Action work at the site. Work was conducted in accordance with the January 28, 2008 *Final Administrative Settlement Agreement and Order on Consent for Removal Action* (Settlement Agreement) and the approved *Remedial Action Work Plan* contained therein. Site cover implementation work was conducted over the dates of May 19, 2008 through July 18, 2008. A project completion site reconnaissance was conducted with USEPA and KDEP officials on August 6, 2008. A photographic log of the site cover construction work is provided in Appendix A.

2.1 Project Team

Key project team members involved in implementing field activities were as follows:

- Mr. Art Smith of USEPA was USEPA's On-Scene Coordinator. Mr. Smith made site visits to directly observe conditions and provided overall regulatory oversight.
- Mr. Stuart Schulz of Atmos Energy was the Project Coordinator and served in that role in accordance with the Settlement Agreement. Mr. Schulz was present on

site during virtually all of the significant work activities and provided weekly updates to USEPA.

- LFI was the Prime Contractor, providing oversight to all site cover construction related activities and documentation of the work completed. LFI also served in the role as Health and Safety Officer and was responsible for technical components of the project (dust monitoring, sampling, waste soil characterization, report preparation).
- Envision Contractors, LLC of Owensboro, Kentucky conducted site capping and detention basin construction work as a subcontractor to LFI. Owensboro Paving Company of Owensboro provided paving services.
- Evergreen Lawn Care of Owensboro provided tree removal and landscaping services. Allied American Fence of Owensboro installed the security fencing and gates.

2.2 Site Preparation

Site preparation activities associated with cap implementation were initiated on May 19, 2008. Activities completed that week included the removal of trees and other vegetation along the western fence line and the installation of the stormwater sewer line culvert and connection to the City of Owensboro's 3rd Street stormwater sewer line. Removed trees were cut-off at ground level and the stumps were ground-up in place. No root balls were excavated or removed, and there was no significant soil disturbance.

Sewer line/culvert installation work involved limited digging outside the property boundaries and within the right-of-way of a small portion of 3rd Street itself. Traffic control devices were utilized to control traffic around the work area. Excess excavated materials from the 3rd Street excavation were spread across a portion of the site for later coverage underneath the asphalt cap. Air monitoring was conducted around the work area to ensure that there were no significant issues involving potential exposure to wind blown dust. Excavated areas created by the storm sewer construction were restored by the end of the week.

2.3 Detention Basin Construction/Natural Soil Cover

Detention basin soils work and associated site grading activities were initiated on June 2, 2008. Soils excavated from the basin were spread over the adjacent area of the site to the south, and then graded across that area to achieve the sub-grade topographic conditions required for the planned resurfacing. A global positioning system (GPS) was utilized by the earthwork contractor to ensure that soils in the basin area were removed to the appropriate elevation specified in the detention basin design plan approved by the City of Owensboro.

A culvert was installed in the basin to route surface water through buried piping to the city stormwater sewer system beneath 3rd Street. After the basin area had been excavated and shaped in accordance with the City's design requirements, orange plastic webbing (i.e. barrier fencing) was horizontally spread across virtually the entire detention basin and adjacent area designed to receive the natural soil cover. The area containing the detention basin and natural soil cover is shown in Figure 2.

Backfill Soil

Soil from an undeveloped open field near the Parrish Avenue/U.S. 60 By-Pass, owned by Gulfstream Enterprises, LLC, was selected as a borrow area for "clean" backfill soil to be used as the natural soil cap for the detention basin. Prior to use at the site the borrow soil was sampled by LFI and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and 8 RCRA metals. No VOCs or SVOCs were detected in the sample. Metals were at concentrations considered naturally occurring by KDEP (i.e. background). On June 5, 2008, USEPA approved the borrow soil for use as natural cover material at the site (email from Art Smith of USEPA to Roy Funkhouser of LFI). USEPA approval correspondence and laboratory results are provided in Appendix B.

Soil Cover Placement/Confirmation

A natural soil cover (silty clay) with a minimum thickness of one foot was laid down over the orange webbing material across the retention basin and entire northern section of the site (i.e. the portion not covered by asphalt paving). To confirm the thickness of the cover, the natural soil cap area was conceptually divided into six approximately equi-distant north-south trending transects, and a spade was used to penetrate the cover material at 3 points across each transect. Of the 18 locations checked, only one, in the center portion of the detention basin, had a measured thickness of less than 1 foot (measured thickness was 0.8 feet at that location). Additional clean soil material was brought in and spread throughout the central portion of the basin, creating a soil cover exceeding 1 foot thick at the previously referenced location. After the natural soil cover was emplaced, it was seeded and overlain by a straw cover.

2.4 Construction of Asphalt Pavement Cover

Soil within the majority of the property boundary was covered by asphalt pavement (Figure 2). Soil and fill lying within this area was initially graded to achieve topographic conditions to promote proper drainage for the overlying asphalt cover. A three to four-inch thick base layer of dense-grade limestone aggregate was then spread across the site, compacted, and allowed several days to settle. An approximately 2-inch thick layer of asphalt base was then added, followed by a 1-inch thick layer of asphalt finish.

2.5 Dust Monitoring

Air monitoring conducted during construction activities included a fugitive dust suppression and particulate monitoring program to monitor potential exposure of on-site personnel and the public around the Site to affected dust. The potential exposure period to affected dust was limited to the week of June 2, 2008, between the time when Site grading work was initiated and the gravel or clean fill subgrade layer was laid down.

Particulate monitoring was employed during detention basin construction and site grading, until the protective gravel and natural cover material were in place. The particulate monitoring was conducted using two real-time DataRam 4 particulate monitors manufactured by Thermo Electron Corporation, capable of monitoring particulate matter less than ten microns (PM₁₀).

Dust monitors were relocated on the site, as needed, to reflect wind direction changes. Monitoring equipment was calibrated daily and placed upwind and downwind of the work area. No exceedences of the USEPA/KDEP approved action level (1 mg/m³ over an integrated period not to exceed 15 minutes) were demonstrated by the monitoring. Nonetheless, as an extra conservative measure, a water truck with an atomizing sprayer was used to suppress on-site visible dust prior to the time when site cover materials were in place. Dust monitoring logs are included in Appendix C.

2.6 Decontamination

The section of the property extending along the entire eastern boundary of the site had an existing cover of asphalt pavement that had been installed years ago. Most of this area was eventually covered by new pavement as a result of Atmos Energy's removal action work. A small area at the northeast corner of the site was removed and incorporated into the natural soil cover of the detention basin.

The existing old asphalt cover was used as a staging area for trucks and equipment entering the site and dropping their loads of cover gravel and clean soil. This effectively eliminated all but a limited amount of equipment that actually came in contact with potentially affected soil, and greatly reduced the need for decontamination efforts. Relatively nominal amounts of soil encrusted on treads of grading equipment and vehicle tires that encountered affected areas was removed and placed in an area for coverage by capping materials. Treads and tires were then rinsed at the asphalt staging area and the nominal volume of generated rinse water was allowed to evaporate.

2.7 Security Fencing

Following completion of the asphalt paving and natural soil cover, a 6-foot tall chain-link security fence was installed around the entire site perimeter. Lockable gates suitable for vehicle access were installed on the north and south sides of the property, and a pedestrian entrance gate was installed near the southeast corner (Figure 2).

2.8 Landscaping and Recreational Additions

In accordance with Atmos Energy's agreement with the Fourth Avenue Baptist Church, the asphalt paved cover was cosmetically modified to support recreational use by the Church. A mulched playground area and a wood-floored gazebo were installed on top of the asphalt pavement in the southwest corner of the site. Basketball goals and marking for an outdoor court were added north of the gazebo. The central and eastern areas of the site were striped for use as a vehicle parking area. Landscaping shrubbery was added along the eastern border of the asphalt cover. Care was taken during the landscaping work so as not to penetrate into the underlying affected soil. Locations of landscaping and recreational additions are shown in Figure 2.

2.9 Soil Characterization/Disposal

Almost all of the affected soil encountered during the course of the project implementation was maintained on site and covered by the asphalt or natural soil cap. A limited amount of material (approximately 5 tons) generated primarily during the construction of fence posts and other ancillary activities was sampled, profiled and disposed of at the West Daviess County (Kentucky) Landfill, approximately 10 miles southwest of Owensboro. West Daviess County Landfill is a permitted contained landfill as well as a special waste landfill permitted by KDEP to receive contaminated soil of the type and nature generated at the Site (Hendricks, KDEP, Personal Communication, 2008). The landfill's permit number is SW030-00004. West Daviess County Landfill has no outstanding non-compliance issues and is in good standing with KDEP (Hendricks and Barry, KDEP Personal Communication, 2008). Profile information regarding the soil is included in Appendix D.

2.10 Riprap Installation

Based on observations of the site cover made by LFI and Atmos personnel in August of 2008, riprap was added as an erosion protection feature along a limited section of the northern border of the asphalt cover (Figure 2). The riprap consisted of stones emplaced on top of the natural soil cover at a location where surface water runoff across the asphalt pavement was showing preliminary signs of channeling. The riprap was extended down the slope of the detention basin, covering an area of adequate size to provide a substantial degree of erosion protection. The area will be checked by Atmos as part of the ongoing site cover monitoring and maintenance program described in Section 4.0.

3.0 HEALTH AND SAFETY

Prior to the initiation of site activities involving potential contact with affected soil, the approved Site Health and Safety Plan (HSP) was reviewed and signed by all workers involved in such activities. Personnel were advised on the contents of the approved Site Health and Safety Plan (HSP) and were required to conduct work activities in accordance with the procedures outlined therein. Daily “tailgate” health and safety meetings were held prior to the start of work each day, as appropriate.

No health and safety incidents occurred. Abandoned steel utility lines, likely associated with the former MGP facility, were encountered during the installation of the storm sewer culvert on 3rd Street and the excavation of the retention basin. In both instances the utility lines were inspected by qualified personnel with Atmos Energy and determined to be inert.

4.0 POST-REMOVAL SITE CONTROL

In accordance with the procedures presented in the approved RAWP, ongoing monitoring and maintenance of the site cover will be conducted to assure that exposure pathways remain incomplete. The purpose of site cover monitoring and maintenance will be to verify the integrity of site cover materials (asphalt pavement and natural unaffected soil) and to properly manage

potentially impacted materials encountered during future maintenance or construction activities (if any).

4.1 Site Cover Monitoring and Maintenance

Annual site inspections will be made by Atmos or a designated representative of Atmos to verify the integrity of site cover materials. Site inspections will be documented on an inspection checklist, included in Appendix E. The checklist forms will document general site conditions as well as observed deficiencies and will be submitted to KDEP every 5 years in accordance with KRS 224.01-400(17). In the event that deficiencies are identified, corrective measures will be implemented. These measures will include, among others, the regular sealing of cracks in the asphalt pavement and maintenance of the surface of the asphalt.

In the event that future utility line repairs or installation work is needed that would extend through site cover materials into affected soil, the work shall be conducted in conformance with the standards set forth below:

- The contractor performing the work shall be informed of the content of the Health and Safety Plan by Atmos Energy;
- Contractors must comply with applicable OSHA regulations;
- Affected soil that is excavated shall be separated and segregated from non-affected soil to the extent practicable. To the extent practicable, excavated affected soil shall be placed on plastic sheeting or an impervious surface and covered, or placed into a covered roll-off box; and,
- Upon completion of work, excavated affected soil from beneath the covered areas may be placed back into the original excavation from which the soil came, and the excavation restored as long as the restoration is in a manner consistent with the original site cover condition. If off-site disposal of excess affected soils is necessary, the soils shall be characterized for proper disposal at an accredited facility in accordance with the applicable regulations and the requirements of the receiving facility.

4.2 Environmental Covenant

An Environmental Covenant, conforming to the requirements of KRS 224.80, will be filed with the Daviess County Clerk restricting the use of soil and groundwater beneath the site. The environmental covenant will limit the site to non-residential use and will require that any excavation on-site comply with the terms of Section 4.1 of this Removal Action Report. Use of groundwater beneath the site for any purpose will be prohibited.

5.0 REFERENCES

Kentucky Natural Resources and Environmental Protection Cabinet/United States Environmental Protection Agency. 1984. *Site Investigation Report: Owensboro Coal Gasification Plants*. Joint KNREP/USEPA Report. April 25, 1984.

United States Environmental Protection Agency. 1993. *Site Investigation Prioritization Report: Goodloe School Site – Daviess County, Kentucky*. October 11, 1993.

Kentucky Department for Environmental Protection. 2006. *Sampling and Analysis Plan: Goodloe Elementary School – Owensboro, Kentucky*. August 2006.

Linebach Funkhouser, Inc. 2007. *Revised Removal Action Work Plan: Former MGP, 3rd and Elm Streets – Owensboro, Kentucky*.

Linebach Funkhouser, Inc. 2008. *Confirmation of Engineered Control Coverage Area*. March 26, 2008.

Hendricks, Todd. 2008. Kentucky Department for Environmental Protection, Solid Waste Branch. Frankfort, KY. 2008. Personal Communication with Roy Funkhouser of Linebach Funkhouser, Inc.

Barry, Neil. 2008. Kentucky Department for Environmental Protection, Solid Waste Branch Field Inspector. Madisonville Regional Office. 2008. Personal Communication with Roy Funkhouser of Linebach Funkhouser, Inc.

Figures

OWENSBORO WEST, KY. - IND.

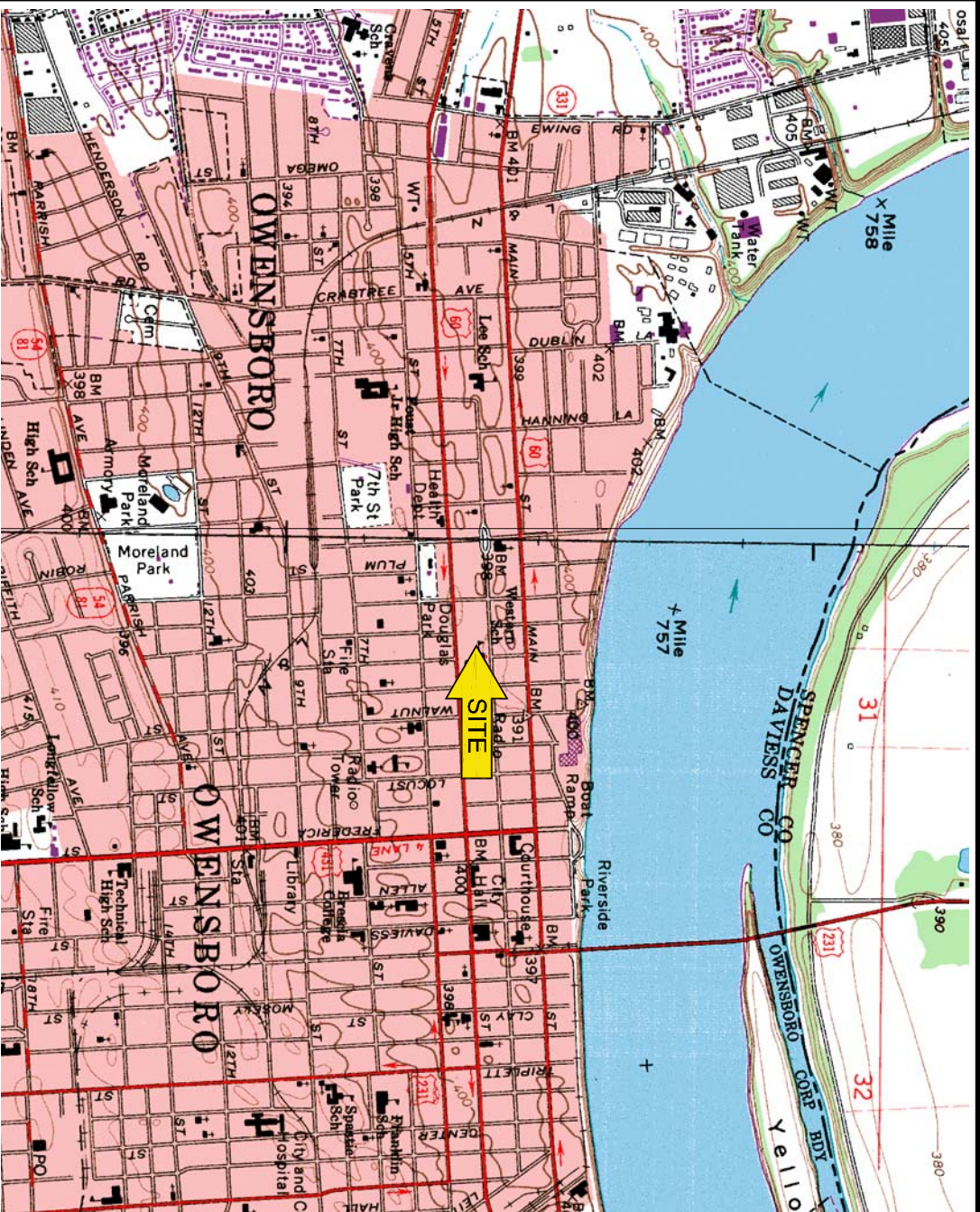
1968

559 I SW-SERIES V853

DMA 3559 I SW-SERIES V853



QUADRANGLE LOCATION



CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

NATIONAL GEODETIC VERTICAL DATUM OF 1929



Linebach ■ Funkhouser, Inc.
environmental compliance & consulting

SITE LOCATION

MAP

PROJECT No.:

163-

FILENAME:

16307

DRAWN BY

MIKA

FIGURE:

—

03/12/08

RESIDENCE

BUSINESS

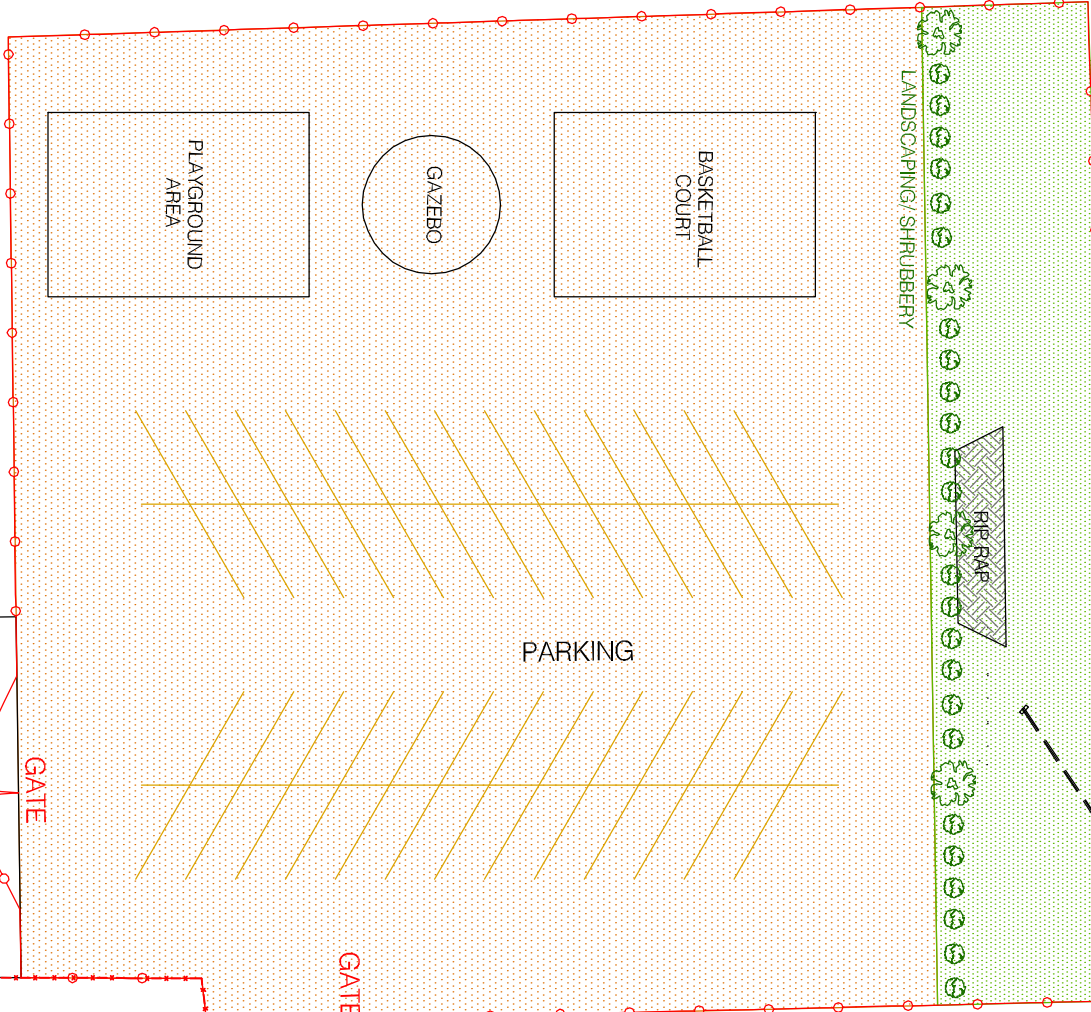
RESIDENCE

- LEGEND
- AREA OF NATURAL SOIL COVER/ DETENTION BASIN
 - AREA OF ASPHALT PAVEMENT COVER

- BURIED DRAINAGE PIPE TO CITY STORM SEWER
- CHAIN LINK FENCE



VACANT LOT



FORMER ELEMENTARY SCHOOL GYMNASIUM

FORMER ELEMENTARY SCHOOL CLASSROOMS

AREA OWNED BY
ATMOS ENERGY

PROPERTY OWNED BY
FOURTH STREET BAPTIST CHURCH

RESIDENCE



ASPHALT PARKING LOT



Linebach ■ Funkhouser, Inc.
environmental compliance & consulting

ATMOS ENERGY CORPORATION
THIRD AND ELM STREET
OWENSBORO, KENTUCKY

PROJECT NO.:	163-07	FILENAME:	16307
DRAWN BY:	WKA	PRINT DATE:	08/27/08
		FIGURE:	2

SITE PLAN SHOWING
"AS-BUILT" SCHEMATIC
OF FINAL SITE COVER

Appendix A

Photographic Log of Site Cover Construction Work

PHOTO LOG



Week of May 19-23, 2008: Detention Basin
Layout (Looking West)



Week of May 19-23, 2008: Installing Storm Sewer Box on W
3rd Street (Looking West)

PHOTO LOG



Week of May 19-23, 208: Grinding Stumps along West Fence Line (Looking South)



Week of May 19-23, 2008: Replacing Concrete Sidewalk on South Side of W 3rd St. (Looking West)

PHOTO LOG



Week of June 2-6, 2008: Start of Site Grading
After Top Soil Removal (Looking West)



Week of June 2-6, 2008: Shaping Detention Basin
(Looking West)

PHOTO LOG



Week of June 2-6, 2008: Installing Warning Marker in Detection Basin (Looking West)



Week of June 2-6, 2008: Installing Clean Soil Cap in Detention Basin (Looking West)

PHOTO LOG



Week of June 2-6, 2008: Installing Gravel Base for
Parking Lot (Looking Northwest)



Week of June 2-6, 2008: Concrete Head Wall
Installed in Drainage Basin (Looking East)

PHOTO LOG



Week of June 2-6, 2008: Air Monitoring at Downgradient Fenceline During Site Activities



Week of June 2-6, 2008: Applying Water for Dust Control during Site Activities (Looking South)

PHOTO LOG



Final Grading on June 19, 2008 after Fence Removed on South Property Line (Looking East)



Paving Base Layer on Northwest Corner of Site on June 20, 2008
(Looking West)

PHOTO LOG



Paving Base Layer on Northeast Corner of Site on June 20, 2008
(Looking Northeast)



Extent of Base Layer on South Property Line on June 20, 2008
(Looking West)



WEEKLY ACTIVITY SUMMARY Goodloe Elementary School Site

Date: June 23 – June 27, 2008
Completed by: Stuart Schulz

Docket No. CERCLA-04-2008-3757

PHOTO LOG



Rolling asphalt base layer on June 23 (Looking West)



Asphalt Base Layer Completed on June 23, 2008
(Looking Northeast)

**WEEKLY ACTIVITY SUMMARY
Goodloe Elementary School Site**

Date: June 23 – June 27, 2008
Completed by: Stuart Schulz

Docket No. CERCLA-04-2008-3757

PHOTO LOG



Raking soil cover along north property line on June 25, 2008
(Looking North)



Soil Cover Confirmation Sampling on June 25, 2008 (Looking West)



WEEKLY ACTIVITY SUMMARY Goodloe Elementary School Site

Date: June 23 – June 27, 2008
Completed by: Stuart Schulz

Docket No. CERCLA-04-2008-3757

PHOTO LOG



Additional Soil Cover Added to Detention Basin on June 25, 2008
(Looking Northwest)



Clean Soil Added to North Edge of Cap for Landscaping on June 25, 2008
(Looking East)



WEEKLY ACTIVITY SUMMARY Goodloe Elementary School Site

Date: June 30 – July 4, 2008 Docket No. CERCLA-04-2008-3757 Completed by: Stuart Schulz

PHOTO LOG



Installing finish layer of asphalt to cap on July 1st, 2008 (Looking West)



Finish Layer of Asphalt Completed on July 1st, 2008 (Looking Southeast)

PHOTO LOG



Week of July 7-11, 2008: Installed Fencing on West and South Boundary of Site (Looking South)



Week of July 7-11, 2008: Installed Basketball Goal (Looking East)

PHOTO LOG



Week of July 7-11, 2008: Striping of Parking
Lot (Looking East)



Week of July 7-11, 2008: Fencing and Striped Parking Lot
(Looking Northwest)

**WEEKLY ACTIVITY SUMMARY Goodloe
Elementary School Site**

Date: August 4 – August 8, 2008 Docket No. CERCLA-04-2008-3757 Completed by: Stuart Schulz

PHOTO LOG



August 4, 2008: Gazebo Installed Between Playground and Basketball Court (Looking West)



August 13, 2008: Riprap Emplaced for Erosion Control (Looking South)

Appendix B

Laboratory Results of Soil Cover Material Sampling

Laboratory Report Note

The attached Laboratory Report Summary was originally issued on May 27, 2008, and approved by USEPA on June 5, 2008. The Report was reissued on August 27, 2008 with a method detection limit of 0.033 mg/kg for several PAH constituents, which is a lower detection limit than that shown in the May 2008 report.



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SCIENCE CORP.

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Mr. Brendan Merk
Linebach Funkhouser, Inc.
114 Fairfax Ave.

Louisville, KY 40207

Report Summary

Wednesday August 27, 2008

Report Number: L346562

Samples Received: 05/21/08

Client Project: 163-07 TASK 2

Description: Owensboro MGP

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Laboratory Certification Numbers

Terrie Fudge
Terrie Fudge, ESC Representative

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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1 Samples Reported: 05/27/08 13:15 Revised: 08/27/08 14:02

Page 1 of 5



ENVIRONMENTAL SCIENCE CORP.

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Est. 1970

REPORT OF ANALYSIS

Mr. Brendan Merk
Linebach Funkhouser, Inc.
114 Fairfax Ave.
Louisville, KY 40207

August 27, 2008

Date Received : May 21, 2008
Description : Atmos, 3rd and Elm Streets

Sample ID : FILL

ESC Sample # : L346562-01

Site ID :

Collected By : Brendan Merk
Collection Date : 05/19/08 09:10

Project # : 163-07 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.020	mg/kg	7471	05/27/08	1
Arsenic	3.6	1.0	mg/kg	6010B	05/23/08	1
Barium	50.	0.25	mg/kg	6010B	05/23/08	1
Cadmium	0.27	0.25	mg/kg	6010B	05/23/08	1
Chromium	8.4	0.50	mg/kg	6010B	05/23/08	1
Lead	12.	0.25	mg/kg	6010B	05/23/08	1
Selenium	BDL	1.0	mg/kg	6010B	05/23/08	1
Silver	0.60	0.50	mg/kg	6010B	05/23/08	1
Volatile Organics						
Acetone	BDL	0.25	mg/kg	8260B	05/24/08	5
Acrylonitrile	BDL	0.050	mg/kg	8260B	05/24/08	5
Benzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Bromobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Bromodichloromethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
Bromoform	BDL	0.0050	mg/kg	8260B	05/24/08	5
Bromomethane	BDL	0.025	mg/kg	8260B	05/24/08	5
n-Butylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
sec-Butylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
tert-Butylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Carbon tetrachloride	BDL	0.0050	mg/kg	8260B	05/24/08	5
Chlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Chlorodibromomethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
Chloroethane	BDL	0.025	mg/kg	8260B	05/24/08	5
2-Chloroethyl vinyl ether	BDL	0.25	mg/kg	8260B	05/24/08	5
Chloroform	BDL	0.025	mg/kg	8260B	05/24/08	5
Chloromethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
2-Chlorotoluene	BDL	0.0050	mg/kg	8260B	05/24/08	5
4-Chlorotoluene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2-Dibromo-3-Chloropropane	BDL	0.025	mg/kg	8260B	05/24/08	5
1,2-Dibromoethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
Dibromomethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2-Dichlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,3-Dichlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,4-Dichlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Dichlorodifluoromethane	BDL	0.025	mg/kg	8260B	05/24/08	5
1,1-Dichloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2-Dichloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1-Dichloroethene	BDL	0.0050	mg/kg	8260B	05/24/08	5
cis-1,2-Dichloroethene	BDL	0.0050	mg/kg	8260B	05/24/08	5
trans-1,2-Dichloroethene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2-Dichloropropane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1-Dichloropropene	BDL	0.0050	mg/kg	8260B	05/24/08	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Brendan Merk
Linebach Funkhouser, Inc.
114 Fairfax Ave.
Louisville, KY 40207

August 27, 2008

Date Received : May 21, 2008
Description : Atmos, 3rd and Elm Streets

Sample ID : FILL

Collected By : Brendan Merk
Collection Date : 05/19/08 09:10

ESC Sample # : L346562-01

Site ID :

Project # : 163-07 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0050	mg/kg	8260B	05/24/08	5
cis-1,3-Dichloropropene	BDL	0.0050	mg/kg	8260B	05/24/08	5
trans-1,3-Dichloropropene	BDL	0.0050	mg/kg	8260B	05/24/08	5
2,2-Dichloropropane	BDL	0.0050	mg/kg	8260B	05/24/08	5
Di-isopropyl ether	BDL	0.0050	mg/kg	8260B	05/24/08	5
Ethylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Hexachlorobutadiene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Isopropylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
p-Isopropyltoluene	BDL	0.0050	mg/kg	8260B	05/24/08	5
2-Butanone (MEK)	BDL	0.050	mg/kg	8260B	05/24/08	5
Methylene Chloride	BDL	0.025	mg/kg	8260B	05/24/08	5
4-Methyl-2-pentanone (MIBK)	BDL	0.050	mg/kg	8260B	05/24/08	5
Methyl tert-butyl ether	BDL	0.0050	mg/kg	8260B	05/24/08	5
Naphthalene	BDL	0.025	mg/kg	8260B	05/24/08	5
n-Propylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Styrene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1,1,2-Tetrachloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1,2,2-Tetrachloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0050	mg/kg	8260B	05/24/08	5
Tetrachloroethene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Toluene	BDL	0.025	mg/kg	8260B	05/24/08	5
1,2,3-Trichlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2,4-Trichlorobenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1,1-Trichloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,1,2-Trichloroethane	BDL	0.0050	mg/kg	8260B	05/24/08	5
Trichloroethene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Trichlorofluoromethane	BDL	0.025	mg/kg	8260B	05/24/08	5
1,2,3-Trichloropropane	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2,4-Trimethylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,2,3-Trimethylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
1,3,5-Trimethylbenzene	BDL	0.0050	mg/kg	8260B	05/24/08	5
Vinyl chloride	BDL	0.0050	mg/kg	8260B	05/24/08	5
Xylenes, Total	BDL	0.015	mg/kg	8260B	05/24/08	5
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	05/24/08	5
Dibromofluoromethane	134.		% Rec.	8260B	05/24/08	5
4-Bromofluorobenzene	90.8		% Rec.	8260B	05/24/08	5
Base/Neutral Extractables						
Acenaphthene	BDL	0.033	mg/kg	8270C	05/22/08	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	05/22/08	1
Anthracene	BDL	0.033	mg/kg	8270C	05/22/08	1
Benzidine	BDL	0.33	mg/kg	8270C	05/22/08	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	05/22/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Brendan Merk
Linebach Funkhouser, Inc.
114 Fairfax Ave.
Louisville, KY 40207

August 27, 2008

Date Received : May 21, 2008
Description : Atmos, 3rd and Elm Streets

Sample ID : FILL

Collected By : Brendan Merk
Collection Date : 05/19/08 09:10

ESC Sample # : L346562-01

Site ID :

Project # : 163-07 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	05/22/08	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	05/22/08	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	05/22/08	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	05/22/08	1
Bis(2-chlorethoxy)methane	BDL	0.33	mg/kg	8270C	05/22/08	1
Bis(2-chloroethyl)ether	BDL	0.33	mg/kg	8270C	05/22/08	1
Bis(2-chloroisopropyl)ether	BDL	0.33	mg/kg	8270C	05/22/08	1
4-Bromophenyl-phenylether	BDL	0.33	mg/kg	8270C	05/22/08	1
2-Chloronaphthalene	BDL	0.33	mg/kg	8270C	05/22/08	1
4-Chlorophenyl-phenylether	BDL	0.33	mg/kg	8270C	05/22/08	1
Chrysene	BDL	0.033	mg/kg	8270C	05/22/08	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	05/22/08	1
3,3-Dichlorobenzidine	BDL	0.33	mg/kg	8270C	05/22/08	1
2,4-Dinitrotoluene	BDL	0.33	mg/kg	8270C	05/22/08	1
2,6-Dinitrotoluene	BDL	0.33	mg/kg	8270C	05/22/08	1
Fluoranthene	BDL	0.033	mg/kg	8270C	05/22/08	1
Fluorene	BDL	0.033	mg/kg	8270C	05/22/08	1
Hexachlorobenzene	BDL	0.33	mg/kg	8270C	05/22/08	1
Hexachloro-1,3-butadiene	BDL	0.33	mg/kg	8270C	05/22/08	1
Hexachlorocyclopentadiene	BDL	0.33	mg/kg	8270C	05/22/08	1
Hexachloroethane	BDL	0.33	mg/kg	8270C	05/22/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	05/22/08	1
Isophorone	BDL	0.33	mg/kg	8270C	05/22/08	1
Naphthalene	BDL	0.033	mg/kg	8270C	05/22/08	1
Nitrobenzene	BDL	0.33	mg/kg	8270C	05/22/08	1
n-Nitrosodimethylamine	BDL	0.33	mg/kg	8270C	05/22/08	1
n-Nitrosodiphenylamine	BDL	0.33	mg/kg	8270C	05/22/08	1
n-Nitrosodi-n-propylamine	BDL	0.33	mg/kg	8270C	05/22/08	1
Phenanthrene	BDL	0.033	mg/kg	8270C	05/22/08	1
Benzylbutyl phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Di-n-butyl phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Diethyl phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Dimethyl phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Di-n-octyl phthalate	BDL	0.33	mg/kg	8270C	05/22/08	1
Pyrene	BDL	0.033	mg/kg	8270C	05/22/08	1
1,2,4-Trichlorobenzene	BDL	0.33	mg/kg	8270C	05/22/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.33	mg/kg	8270C	05/22/08	1
2-Chlorophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
2,4-Dichlorophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
2,4-Dimethylphenol	BDL	0.33	mg/kg	8270C	05/22/08	1
4,6-Dinitro-2-methylphenol	BDL	0.33	mg/kg	8270C	05/22/08	1
2,4-Dinitrophenol	BDL	0.33	mg/kg	8270C	05/22/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Brendan Merk
Linebach Funkhouser, Inc.
114 Fairfax Ave.
Louisville, KY 40207

August 27, 2008

Date Received : May 21, 2008
Description : Atmos, 3rd and Elm Streets
Sample ID : FILL
Collected By : Brendan Merk
Collection Date : 05/19/08 09:10

ESC Sample # : L346562-01

Site ID :

Project # : 163-07 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Nitrophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
4-Nitrophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
Pentachlorophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
Phenol	BDL	0.33	mg/kg	8270C	05/22/08	1
2,4,6-Trichlorophenol	BDL	0.33	mg/kg	8270C	05/22/08	1
Surrogate Recovery						
Nitrobenzene-d5	62.1		% Rec.	8270C	05/22/08	1
2-Fluorobiphenyl	71.2		% Rec.	8270C	05/22/08	1
p-Terphenyl-d14	73.0		% Rec.	8270C	05/22/08	1
Phenol-d5	82.9		% Rec.	8270C	05/22/08	1
2-Fluorophenol	71.4		% Rec.	8270C	05/22/08	1
2,4,6-Tribromophenol	75.5		% Rec.	8270C	05/22/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/27/08 13:15 Revised: 08/27/08 14:02

Summary of Remarks For Samples Printed
08/27/08 at 14:02:42

TSR Signing Reports: 358
R5 - Desired TAT

paperless client as of 12/5/06; watch project mgrs names on the reports.

Sample: L346562-01 Account: LINFUNLKY Received: 05/21/08 09:00 Due Date: 05/29/08 00:00 RPT Date: 05/27/08 13:15

Appendix C

Dust Monitoring Logs

Atmos Energy Goodloe School Site - Owensboro, Kentucky
Fugitive Dust Air Monitoring Log Sheet
Linebach Funkhouser Project No. 163-07



Name: Brendan Merik

Date: 5/21/08

Equipment: Data Ram 4

Upwind Location		Downwind Location		Wind Direction	Weather Conditions/Comments
Time Near future basin area	Reading (ppb)	Time Grass shoulder near Gate C	Reading (ppb)		
07:15	25.	07:15	25 ppb	W	Variable
		07:30	23.7	"	
		07:45	42.0	"	
		08:00	18.0	SW	
		08:15	20.1	"	
		08:30	12.5		
		08:45	9.4	Move to road shoulder	
		09:00	15.4	SW	
		09:15	11.7	SW	Move to sidewalk
		09:30	9.1	73°F	42% R.H.
		09:45	7.7	W/SW	
		10:00	8.2	N	
		10:15	8.2	W	Move to shoulder
10:30	8.2	10:30	10.5	SW	
		10:45	16.7		
		11:00	38.1		
		11:15	12.5	N	
		11:30	4.6		
		11:45	7.6	SW	
		12:00	8.9		
		12:15	6.2		
12:45	6.5	12:30	8.9	N/SW	
		12:45	3.3	N	
Move forward 24m 13:01	7.6	13:00	26.2	N	
13:15	17.9	13:15	25.2	N	Gusty / Variable
13:30	4.0	13:25	3.9	N/W	Variable
		13:47	250	SW	
14:03	5.4	14:02	5.2	N	
		14:15	6.6	SW	
14:33	8.0	14:35	8.2	N	
14:46	4.6	14:45	3.9	N/SW	
14:51	41.8	15:00	24.6	SW	
15:16	6.0	15:15	6.8	SW/N	
15:29	14.2	15:30	8.8	SW	
15:44	6.0	15:45	3.7	SW/N	
		shot off			

Equipment: Data Ram 4

SE Corner

Calibrated @ 0710

Upwind Location		Downwind Location		Calibrated @ 0710	
Time	Reading (ppb) ug/m ³	Time	Reading (ppb) ug/m ³	Wind Direction	Weather Conditions/Comments
0932	38.8 ug/m ³	0930	45.5 ug/m ³	SW → NE	Sunny 80°F
0949	19.2	0948	19.0	"	"
1006	15.0	1005	21.4	"	"
1022	10.5	1020	17.5	"	"
1037	8.5	1035	128.2	SE → NW	" / CUTTING TOP SOIL Adjacent to water
1053	11.2	1051	12.6	"	"
1107	7.2	1106	21.8	"	" 85°
1123	8.7	1122	10.9	NW → SE	"
1135	6.8	1133	11.4	SE → NW	"
1220	6.0	1222	9.8	SW → NE	" / 87° Partly Sunny
1235	5.5	1236	7.8	"	"
1250	8.6	1251	7.6	"	"
1305	8.0	1306	7.4	"	"
1320	9.7	1319	13.1	"	"
1335	8.5	1336	11.5	"	"
1350	7.2	1351	21.7	"	"
1405	7.3	1406	10.7	SW → SE	RP NW → SE / 90° Partly Sunny
1420	7.3	1421	35.9	"	"
1435	5.2	1436	35.1	SW → NE	"
1450	5.6	1451	7.7	"	"
1505	4.4	1506	11.8	"	"
1520	6.4	1521	21.9	"	"
1535	5.4	1536	13.0	"	"
1550	6.4	1551	19.1	"	"
1606	6.1	1607	11.0	"	"
1620	7.7	1621	15.7	"	"
1636	6.8	1637	11.9	"	" Partly Sunny 85°
1651	6.5	1652	17.3	"	"
1705	42.4	1707	17.2	"	"
1713	8.1	1715	11.0	"	" > Compactor running on site
LTWA	10.5	LTWA	18.2		

12

Equipment: Data Ram 4

[illegible]

1

Equipment: Data Ram 4

[illegible]

12

Equipment: Data Ram 4

South Central		North Central				
Upwind Location		Downwind Location			Wind Direction	Weather Conditions/Comments
Time	Reading	Time	Reading			
	<i>pfb</i>		<i>pfb</i>			
0739	27.3	0740	29.5		SW → NE	Sunny 80°
0754	23.3	0755	21.2		"	"
0809	30.6	0811	89.2		"	"
0824	19.9	0826	20.6		"	"
0839	18.5	0841	19.9		"	" 82°
0853	22.2	0856	18.9		"	"
0909	18.0	0910	18.4		"	" 84°
0924	17.2	0926	19.0		"	"
0939	15.9	0941	16.3		"	"
0957	16.3	0959	17.5		"	" / 85°
1009	16.7	1011	13.9		"	"
1024	15.2	1026	20.1		"	"
1040	12.1	1041	19.7		"	"
1055	13.6	1057	14.5		"	"
1110	11.5	1113	11.0		"	"
1125	14.0	1127	12.2		"	" 89°
1220	12.7	1222	15.2		"	"
1235	9.7	1237	16.2		"	" 91°
1250	10.6	1252	18.7		"	" / Gross berry moved to S.
1308	17.3	1310	28.6		"	"
1320	13.0	1322	44.7		"	Sunny 91°
1335	13.9	1337	19.5		"	"
1350	12.7	1352	13.8		"	"
1405	12.4	1408	70.8		"	"
1420	15.1	1422	21.1		"	"
1435	14.3	1437	25.5		"	"
1450	12.9	1453	18.4		"	"
1505	13.5	1507	24.5		"	"
1521	11.1	1522	14.1		"	"
1536	11.7	1537	28.5		"	"
1552	10.8	1554	15.1		"	"
1606	12.9	1607	16.9		"	"
1621	10.3	1622	21.1		"	"
1636	13.5	1639	44.9		"	"
L TWA	*	L TWA	21.5			
* Monitor shut down before reading obtained.						

11

Equipment: Data Ram 4

Upwind Location		Downwind Location		Wind Direction	Weather Conditions/Comments
Time	Reading	Time	Reading		
	ppb		ppb		
0757	25.6	0758	24.5	SW→NE	Sunny 78°
0811	21.9	0812	25.8	"	"
0827	22.3	0829	31.2	"	"
0841	21.4	0844	39.5	"	" 80°
0856	21.0	0857	21.9	"	"
0911	19.6	0913	20.8	"	" 82°
0926	19.0	0929	496.2	"	" / # Run water Truck
0941	19.3	0943	22.9	"	"
0956	17.5	0958	20.7	"	" 85°
1012	20.1	1013	24.7	"	"
1027	14.7	1028	33.0	"	"
1042	16.9	1043	25.1	"	" 87°
1057	18.0	1058	26.6	"	"
1112	17.3	1113	32.8	"	"
1127	14.3	1128	22.9	"	"
1142	13.9	1143	63.7	"	" 89°
1159	14.2	1201	17.9	"	"
1251	11.7	1253	83.1	"	Sunny 91°
1310	8.5	1311	49.1	"	"
1320	16.5	1322	57.3	"	"
1335	10.9	1337	57.5	"	"
1353	14.0	1354	19.6	"	"
1405	11.3	1408	15.3	"	"
L TWA	17.4	L TWA	54.6	"	"

Appendix D

Soil Disposal Profile Information

Note

The attached laboratory report also includes results from the testing of equipment rinse water (approximately 30 gallons) apparently generated by the Kentucky Department for Environmental Protection as part of KDEP's assessment work conducted in 2006. The water was in a closed-top 55-gallon drum.

030-00004

Phone 1-270-229-4484
Fax 1-270-229-4490

Is this waste characteristically hazardous as per 401 KAR 31:030?	Yes	No
Is this a listed hazardous waste as per 401 KAR 31:040?	Yes	No
Is this waste mixed with a hazardous waste?	Yes	No
Is this waste derived from a hazardous waste?	Yes	No
Does this waste contain polychlorinated biphenyls, (PCBs)?	Yes	No

Physical Properties

Solid ☒ Sludge/semisolid ☐ Liquid ☐ *PAH analytical attached*

Density: _____ lb/CY pH: _____ Flash point _____ deg. F Paint filter test: pass ☐ fail ☐

If a sludge or semisolid, list the % of solids _____ % Halogenated organics: _____ mg/kg

Infectious? Yes ☐ No ☒ Reactivity: H₂S _____ mg/kg HCN _____ mg/kg Other _____ mg/kg

(Material Safety Data Sheets). Contact _____

Generator's Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. To the best of my knowledge, the material described above is not classified as a hazardous waste under current regulations, and I agree to notify Daviess County, if such a classification changes. The attached information provided is true and accurate to the best of my knowledge."

Date: 7/25/08

Signature: Brandon Mark Date: 7/25/08
Printed Name: Brandon Mark Title: Senior Geologist



Microbac Laboratories, Inc.

KENTUCKY TESTING LABORATORY DIVISION

3323 Gilmore Industrial Blvd. Louisville, KY 40213 502.962.6400 Fax: 502.962.6411
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Member



Chemical, Biological, Physical, Molecular, and Toxicological Services

ELECTRONIC CERTIFICATE OF ANALYSIS

0807-00318

LINEBACH FUNKHOUSER INC.

ROY FUNKHOUSER

114 FAIRFAX AVENUE

LOUISVILLE, KY 40207

Date Reported 07/16/2008

Date Due 07/11/2008

Date Received 07/03/2008

Date Sampled 07/02/2008

Invoice No. 29071

Customer # L051

Customer P.O.

ATMOS OWENSBORO/163-07 T2

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	Cus Limit	Std Limit	Date	Time	Tech
Sample: 001 DRUM WATER										Date & Time Sampled: 07/02/2008 @ 11:00		
[Volatile Organics]							SW846 8260B					
DICHLORODIFLUOROMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
VINYL CHLORIDE			<0.002	MG/L					0.002	07/08/08	19:42	JGF
CHLOROMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
BROMOMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TRICHLOROFLUOROMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,1-DICHLOROETHENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
METHYLENE CHLORIDE			<0.01	MG/L					0.01	07/08/08	19:42	JGF
ACETONE			<0.025	MG/L					0.025	07/08/08	19:42	JGF
ACROLEIN			<0.025	MG/L					0.025	07/08/08	19:42	JGF
IODOMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CARBON DISULFIDE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
ACRYLONITRILE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TRANS-1,2-DICHLOROETHENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,1-DICHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
VINYL ACETATE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
2-BUTANONE (MEK)			<0.025	MG/L					0.025	07/08/08	19:42	JGF
CIS-1,2-DICHLOROETHENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
BROMOCHLOROMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CHLOROFORM			<0.005	MG/L					0.005	07/08/08	19:42	JGF
2,2-DICHLOROPROPANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,1,1-TRICHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,1-DICHLOROPROPENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CARBON TETRACHLORIDE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
BENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2-DICHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TRICHLOROETHENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
DIBROMOMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2-DICHLOROPROPANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
DICHLOROBROMOMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
2-CHLOROETHYL VINYL ETHER			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CIS-1,3-DICHLOROPROPENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
4-METHYL-2-PENTANONE (MIBK)			<0.025	MG/L					0.025	07/08/08	19:42	JGF
TOLUENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TRANS-1,3-DICHLOROPROPENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF



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0807-00318

LINEBACH FUNKHOUSER INC.
ROY FUNKHOUSER
ATMOS OWENSBORO/163-07 T2

Date Reported 07/16/2008
Date Received 07/03/2008
Date Sampled 07/02/2008

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	Cus Limit	Std Limit	Date	Time	Tech
Sample: 001 DRUM WATER										Date & Time Sampled: 07/02/2008 @ 11:00		
.....continued												
1,1,2-TRICHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,3-DICHLOROPROPANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
DIBROMOCHLOROMETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2-DIBROMOETHANE (EDB)			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TETRACHLOROETHENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
2-HEXANONE			<0.025	MG/L					0.025	07/08/08	19:42	JGF
1,1,1,2-TETRACHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
CHLOROBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
ETHYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
M-XYLENE / P-XYLENE			<0.010	MG/L					0.010	07/08/08	19:42	JGF
O-XYLENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
STYRENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
BROMOFORM			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2,3-TRICHLOROPROPANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
ISOPROPYLBENZENE (CUMENE)			<0.005	MG/L					0.005	07/08/08	19:42	JGF
BROMOBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
N-PROPYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,1,2,2-TETRACHLOROETHANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
2-CHLOROTOLUENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
4-CHLOROTOLUENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,3,5-TRIMETHYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
TERT-BUTYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2,4-TRIMETHYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
SEC-BUTYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,3-DICHLOROBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,4-DICHLOROBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2-DICHLOROBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
N-BUTYLBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2-DIBROMO-3-CHLOROPROPANE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
NAPHTHALENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
HEXACHLOROBUTADIENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
1,2,3-TRICHLOROBENZENE			<0.005	MG/L					0.005	07/08/08	19:42	JGF
SR / DCA			87	%						07/08/08	19:42	JGF
SR / TOL-D8		S2	85	%						07/08/08	19:42	JGF
SR / BFB		S2	77	%						07/08/08	19:42	JGF
SR / DBFM		S2	75	%						07/08/08	19:42	JGF
[Polynucl Arom Hydrocarbon]				MG/KG			SW846 8270C		0.15			
NAPHTHALENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
ACENAPHTHYLENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC



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0807-00318

LINEBACH FUNKHOUSER INC.
ROY FUNKHOUSER
ATMOS OWENSBORO/163-07 T2

Date Reported 07/16/2008
Date Received 07/03/2008
Date Sampled 07/02/2008

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	Cus Limit	Std Limit	Date	Time	Tech
Sample: 001 DRUM WATER										Date & Time Sampled: 07/02/2008 @ 11:00		
.....continued												
ACENAPHTHENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
FLUORENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
ANTHRACENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
PHENANTHRENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
FLUORANTHENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
PYRENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
BENZO(A)ANTHRACENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
CHRYSENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
BENZO(B)FLUORANTHENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
BENZO(K)FLUORANTHENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
BENZO(A)PYRENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
INDENO(1,2,3-C,D)PYRENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
DIBENZO(A,H)ANTHRACENE			<0.005	MG/L					0.005	07/14/08	11:14	LJC
BENZO(G,H,I)PERYLENE			<0.010	MG/L					0.010	07/14/08	11:14	LJC
[Surrogate Rec. - B/N]												
SR / NI TROBENZENE-D5			61	%						07/14/08	11:14	LJC
SR / 2-FLUOROBIPHENYL			55	%						07/14/08	11:14	LJC
SR / P-TERPHENYL		S1	31	%						07/14/08	11:14	LJC
DATE EXTRACTED PAH - 8270			COMPLETED	---			SW846 3510C			07/08/08	13:00	VAS

Sample: 002 AUGER HOLE STOCKPILE										Date & Time Sampled: 07/02/2008 @ 12:30		
[Polynucl Arom Hydrocarbon]							SW846 8270C					
NAPHTHALENE			0.52	MG/KG					0.15	07/09/08	19:14	LJC
ACENAPHTHYLENE			1.4	MG/KG					0.15	07/09/08	19:14	LJC
ACENAPHTHENE			0.21	MG/KG					0.15	07/09/08	19:14	LJC
FLUORENE			0.31	MG/KG					0.15	07/09/08	19:14	LJC
ANTHRACENE			2.2	MG/KG					0.15	07/09/08	19:14	LJC
PHENANTHRENE			6.7	MG/KG					0.15	07/09/08	19:14	LJC
FLUORANTHENE			14	MG/KG					0.15	07/09/08	19:14	LJC
PYRENE			16	MG/KG					0.15	07/09/08	19:14	LJC
BENZO(A)ANTHRACENE			10	MG/KG					0.15	07/09/08	19:14	LJC
CHRYSENE			10	MG/KG					0.15	07/09/08	19:14	LJC
BENZO(B)FLUORANTHENE			14	MG/KG					0.15	07/09/08	19:14	LJC
BENZO(K)FLUORANTHENE			7.0	MG/KG					0.15	07/09/08	19:14	LJC
BENZO(A)PYRENE			13	MG/KG					0.15	07/09/08	19:14	LJC
INDENO(1,2,3-C,D)PYRENE			4.5	MG/KG					0.15	07/09/08	19:14	LJC
DIBENZO(A,H)ANTHRACENE			1.0	MG/KG					0.15	07/09/08	19:14	LJC
BENZO(G,H,I)PERYLENE			2.8	MG/KG					0.15	07/09/08	19:14	LJC
[Surrogate Rec. - B/N]												



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0807-00318

LINEBACH FUNKHOUSER INC.
ROY FUNKHOUSER
ATMOS OWENSBORO/163-07 T2

Date Reported 07/16/2008
Date Received 07/03/2008
Date Sampled 07/02/2008

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	Cus Limit	Std Limit	Date	Time	Tech
Sample: 002 AUGER HOLE STOCKPILEcontinued										Date & Time Sampled: 07/02/2008 @ 12:30		
SR / NITROBENZENE-D5			43	%						07/09/08	19:14	LJC
SR / 2-FLUOROBIPHENYL			43	%						07/09/08	19:14	LJC
SR / P-TERPHENYL			55	%						07/09/08	19:14	LJC
DATE EXTRACTED PAH - 8270			COMPLETED	---			SW846 3550B			07/08/08	10:00	VAS

UNLESS OTHERWISE NOTED, SAMPLES RESULTS ARE REPORTED ON AN AS RECEIVED BASIS

THIS REPORT HAS BEEN REVIEWED AND APPROVED FOR RELEASE:

MICROBAC LABORATORIES, INC.

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate Federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Sean Hyde, the Managing Director at 502.962.6400. You may also contact both Trevor Boyce, President and Robert Morgan, Chief Operating Officer at president@microbac.com.



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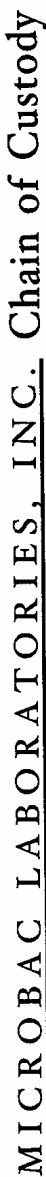
LINEBACH FUNKHOUSER INC.
ROY FUNKHOUSER
ATMOS OWENSBORO/163-07 T2

Date Reported 07/16/2008
Date Received 07/03/2008
Date Sampled 07/02/2008

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	Cus Limit	Std Limit	Date	Time	Tech
----------	-------------	--------	--------	------	-----	-----	--------	-----------	-----------	------	------	------

QUALIFIER DEFINITIONS:

- AR Results reported on an as received basis.
- B1 Analyte value in the method blank above control limit.
- B2 Analyte value in the method blank is between the method detection limit and the reporting detection limit.
- B3 BOD blank is over specifications . The reported result may be biased high.
- BOD1 BOD result estimated due to insufficient oxygen depletion.
- BOD2 BOD result estimated due to insufficient oxygen residual.
- BOD3 BOD result estimated due to inconsistent oxygen depletion
- C1 Continuing calibration verification (CCV) above upper control limit, analyte(s) not detected.
- CU Customer specified reporting limit
- CE Conclusion Entry
- CG Confluent Growth
- DI Surrogate recoveries out of compliance due to sample dilution.
- DW Results reported on a dry weight basis.
- E1 Elevated reporting or detection limit(s) due to sample matrix interference and sample dilution.
- E2 Elevated reporting or detection limit(s) due to high analyte concentration and sample dilution.
- E3 Elevated reporting or detection limit(s) due to insufficient sample volume
- ES Estimated microbiological count
- E4 Elevated reporting or detection limit(s) due to low level calibration variance
- F1 Test Method Epa 1010 Not Valid For Solid Samples. Samples Analyzed By A Modified 1010 Method.
- F2 No Flash Observed; Test Flame Is Being Extinguished By Sample At The Reported Temperature.
- F3 The result is estimated, as the sample can not by sufficiently cooled below the expected flashpoint.
- H1 Sample received outside of holding time for these analytes.
- H2 Analyte was prepared and/or analyzed outside of the analytical method holding time.
- J1 The analyte was positively identified; analyte was detected between the reporting limit and method detection limit and the result is an estimated value.
- J2 The analyte was positively identified;the result is above the quantitation range and is an estimated value.
- L1 Lab control sample (LCS) recovery below lower control limit, all other batch QC acceptable.
- L2 Lab control sample (LCS) recovery above upper control limit, all other batch QC acceptable.
- L3 Lab control sample (LCS) recovery above upper control limit, analyte not detected.
- M1 Matrix Spike Recovery Outside Control Limits Due To Sample Matrix Interference, Biased High.
- M2 Matrix Spike Recovery Outside Control Limits Due To Sample Matrix Interference, Biased Low.
- M3 Matrix Spike Recovery Outside Control Limits Due To Analyte Concentration. Matrix Spike Evaluation not applicable when sample concentration is >= 4X Spike Concentration.
- MC Miscellaneous (see conclusion statement)
- N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification." Any associated quantitation is an estimate based on industry standard practices.
- ND Not detected at or below the reporting limit (or method detection limit, if listed).
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and is an estimated value.
- OOCC The above value is over the client provided or regulatory specification for this parameter
- P1 Sample received was improperly preserved for these analytes.
- P2 Sample pH greater than method limit of 2.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. the presence or absence of the analyte cannot be verified.
- TNC Colonies too numerous to count
- R1 Relative percent difference (RPD) of matrix spike duplicates outside of control limit.
- R2 Relative percent difference (RPD) of LCS duplicates outside of control limit.
- R3 Relative percent difference (RPD) of sample duplicates outside of control limit.
- S1 One or more surrogates outside control limits, no target analytes detected.
- S2 One or more surrogates outside control limits due to matrix interference.
- S3 One or more surrogates outside control limits. the data was accepted based on the valid recovery of remaining surrogate(s).
- SUB Analysis subcontracted.
- UJ Analyte was not detected above the reporting limit, however, the reporting limit is approximate & may or may not represent the actual limit of quantitation necessary to accurately & precisely measure the analyte in the sample.
- V Analyte concentration estimated due to sample matrix interference and/or high analyte concentration interference.



Microbac

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kentucky@microbac.com

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Lexington, KY 40503
Phone: 859-276-3506
Fax: 859-278-5665
lexington@microbac.**

55309 Reidland Road
Paducah, KY 42003
Phone: 270-898-3637
Fax: 270-898-3666
paducah@microbac.c

Quote # _____ Page _____ of _____
Due Date: / /

www.microbac.com
 Phone: 502-962-9440 Fax: 502-962-6411
 Phone: 812-424-0650 Fax: 812-424-0667
 Phone: 812-494-5000 Fax: 270-898-3666
 Phone: 812-494-5000 Fax: 270-898-3666

Client:	Linnbach Eusebio Inc	CDA#	00-0018	Analysis Requested
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COA# 0807 0318

Street Address: 114 Fairfax Ave.	City, State & Zip: Louisville, KY 40207	Phone #: 502-855-5009	Fax #: 502-855-4005
E-mail: frankhouse@flm.com	Attention: Roy Frankhouse	P.O. #:	
Sample: Roy Frankhouse	Site/Project Name: Atkins Overlook / 163rd T2		
Date/Time	Sample ID/Description		
7/16/01 11:00	Drum Water		
7/16/01 12:30	Auger hole stockpile		

Relinquished By: <i>Brendan Mabe</i>	Date/Time: <i>7/3/08 16:21</i>	Temperature Upon Receipt (°C) <i>7.0</i>	By: <i>LEN</i>
Received By:	Date/Time:	Headspace: Yes / No	COC Seals Intact: Yes / No
Relinquished By:	Date/Time:	Special QC or DL:	Report: E-mail / Fax / Mail
Received By:	Date/Time:	Notes: <i>777-6079 call for 3.M.</i>	
Relinquished By:	Date/Time:		
Received By: <i>P. Schuster</i>	Date/Time: <i>7/3/08 16:21</i>		

Standard	RUSH	TAT Charges:	Same Day x 3; Next Day x 2; Three Day x 1.5
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Davies County Landfill
7772 Highway 815
Owensboro, KY 42301

122 Envision Contractors,
2960 Fairview Dr.
Owensboro, KY 42303

SHIP	TICKET	CRD	WEIGHMASTER
LP	180344	V3B	DENNIS FISCHER
DATE IN	DATE OUT	TIME IN	TIME OUT
08/06/08	08/06/08	08:43	09:03
REFERENCE		VEHICLE	VEHICLE
		AST	AST
		ORIGIN	ORIGIN
		Davies, KY	Davies, KY

Inbound - Public

Gross Wt. 25320 LB
Tare Wt. 14900 LB
Net Wt. 10420 LB

QTY.	UNIT	DESCRIPTION	DATE	EXTENSION	RATE	TOTAL
5.210	tn	60 - Soil-Conta	\$15.00	78.15	0.00	\$78.15

NOTE:tr 221618

SIGNATURE

NET TOTAL	\$78.15
TENDR	886
CHECK NO.	10500
CHECK NO.	

Appendix E

Site Inspection Checklist

**Site Cover
Annual Inspection Checklist
Atmos Energy Corporation
Former Manufactured Gas Plant
Owensboro, Kentucky**

The following is a checklist that has been developed to assist Atmos Energy Corporation with implementing the environmental Operations and Maintenance (O&M) activities associated with maintaining the site cover:

Perform a walking survey / inspection to ensure that the material serving as an environmental cover is being maintained and to detect any potential breaches in the cover such that the underlying affected soils could be exposed. Survey / inspection should include the following areas:				
Item	Description	Yes	No	N/A
1.	Asphalt / paved area of church parking lot in good condition with no major cracks, potholes or other items in need of repair.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Overall site in good condition with no evidence of construction, pavement patching or other sign of disturbance to the asphalt cap.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Natural Soil Cover is adequate to prevent direct contact with subsurface soil.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Asphalt cap is adequate to prevent direct contact with subsurface soils at the Site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Site free of any unexpected environmental conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If "No" is checked above, indicate the planned corrective measure to address the deficiency: _____

Deficiency Corrected by: _____ Date: _____

Comments:

Inspected by: _____ **Date:** _____

Note: The completed checklist should be maintained in the Atmos Energy project files along with other USEPA/KDEP documents and correspondence regarding the Site.