



**DEPARTMENT OF THE AIR FORCE**  
377th Civil Engineer Division (AFMC)

*file*

**COPY**

22 November 2011

**MEMORANDUM FOR: 377 MSG/CEANR**

**FROM: 377 MSG/CEANC (Solid Waste Program Manager)**

**SUBJECT: Landfill Disposal**

**Reference: Shaw Environmental Ltr. dated: 21 November 2011**  
**USACE Contract No. W912DY-10-D-0014 / Delivery Order No. 0002**

**Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106155 and KAFB-106156 on Kirtland AFB as part of Bulk Fuels Facility Site Investigation**

1. Authorization is granted to Shaw Environmental to dispose of soil drill cuttings and debris in support of continued monitoring of Bulk Fuels Facility from the installation of Pneulog Wells KAFB-106155 and KAFB-106156 at the Kirtland AFB construction and demolition landfill. Debris will be delivered by Bellio Trucking, Inc., and will be in four Bellio roll-offs, numbered 25, 29, 30, and 33, to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. Shaw shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany each roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 853-2486.

**KATRINA E. WHEELock**  
**Solid Waste Program Manager**  
**Environmental Management**



**Shaw**® Shaw Environmental & Infrastructure, Inc.

A World of Solutions™

November 21, 2011

Project No. 140705  
KAFB-011-0062

Mr. Steve Kitt  
377 MSG/CEANC  
2050 Wyoming Blvd NE  
Albuquerque, NM 87117-5270

Reference: USACE Contract No. W912DY-10-D-0014, Delivery Order 0002

Subject: Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106155 and KAFB-106156  
Kirtland AFB, New Mexico

Dear Mr. Kitt:

Shaw Environmental and Infrastructure (Shaw E&I) is requesting permission to dispose of nonhazardous soil drill cuttings and plastic liners used in rolloff containers to the Kirtland Air Force Base (Kirtland AFB) Construction and Demolition (C&D) debris landfill. The generation of and analyses performed on the soil drill cuttings are discussed below.

During November 2011, Shaw E&I installed two pneulog wells (KAFB-106155 and KAFB-106156) for the Kirtland AFB Bulk Fuels Facility (BFF). The KAFB-106155 well is located 200 feet southeast of KAFB Building 2401. The KAFB-106156 well is located 100 feet southwest of KAFB Building 1055. The pneulog wells were drilled using air rotary casing hammer (ARCH) and the drill cuttings were containerized in plastic lined steel rolloffs pending laboratory analysis for waste characterization. Approximately 10 to 15 cubic yards of soil drill cuttings were generated for each 20-cubic yard rolloff container. Two rolloffs are located at KAFB-106155 and two rolloffs are located at KAFB-106156.

A composite sample was collected from each of the rolloffs. Each composite sample was sent to Gulf Coast Analytical Laboratory for testing. The samples were analyzed for the required parameters per the Kirtland AFB Landfill Acceptance Memorandum (January 2009). The analytical results for the composite samples confirm that the drill cuttings are not considered to be hazardous waste and meet the requirements for disposal at the Kirtland C&D landfill.

Shaw E & I requests your review of the attached analytical data and determination for disposal at Kirtland AFB C&D landfill. All four rolloff containers are owned by Bellio Trucking, Inc. and the numbers on the containers for disposal include – 25, 29, 30, and 33. Upon receiving notification of Kirtland AFB's acceptance of the soil and plastic, Shaw E&I will coordinate transport of the rolloffs and disposal of the waste with Bellio.

**NELAP CERTIFICATE NUMBER 01955  
DOD ELAP CERTIFICATE NUMBER ADE - 1482**

# **ANALYTICAL RESULTS**

**PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.  
7979 GSRI Avenue  
Baton Rouge, LA 70820**

**Report Date 11/09/2011**

**GCAL Report 211110253**



**Deliver To** Shaw Environmental & Infrastructure, Inc.  
7604 Technology Way  
Ste. 300  
Denver, CO 80237  
720-554-8252

**Attn** Pamela Moss

**Project** Kirtland AFB IDW

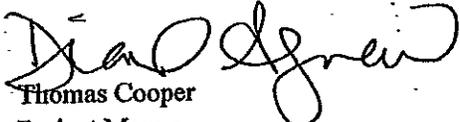
Mr. Steve Kitt

2

November 21, 2011

If you have any questions regarding this request, please contact me at (720) 554-8163. Thank you for your assistance.

Sincerely,

  
Thomas Cooper  
Project Manager

Enclosures:

Gulf Coast Analytical Laboratory Reports No. 211110253 and No. 21111131 – Analytical Results for Drill Cuttings from PneuLog Wells KAFB-106155 and KAFB-106156

**STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable**

Shipper's No. \_\_\_\_\_

(Name of Carrier) Bellio Trucking SCAC. \_\_\_\_\_ Carrier's No. \_\_\_\_\_  
 Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at \_\_\_\_\_ date \_\_\_\_\_ from \_\_\_\_\_

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), sealed, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, (as specified in Appendix B to Part 1005) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to \_\_\_\_\_ (Mail or street address of consignee – For purposes of notification only.)

Kirkland AFB C & D Landfill

Destination KAFB State NM County \_\_\_\_\_ Zip 87117 Delivery Address\* \_\_\_\_\_

Route \_\_\_\_\_ (\*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Delivering Carrier \_\_\_\_\_ Car or Vehicle Initials \_\_\_\_\_ No. \_\_\_\_\_

| Number of Packages | Description of articles, special marks, and exceptions | *Weight (Sub. to correction) | Class or rate | Check column | Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:<br>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br><br>(Signature of consignor)<br><br>If charges are to be prepaid, write or stamp here, "To be Prepaid".<br><br>Received \$ _____ to apply in prepayment of the charges on the property described hereon.<br><br>Agent or Cashier<br>Per _____ (The signature here acknowledges only the amount prepaid.)<br><br>Charges Advanced: \$ _____ |
|--------------------|--|------------------------------|---------------|--------------|--|
| 1                  | Non hazardous waste soils 25                           | est. 12 tons                 | 10W55         | 30/NOV       |  |
| 1                  | NON HAZARDOUS WASTE SOIL 29                            | 12 T                         | 10E156        | 30/NOV       |  |
| 1                  | NON HAZARDOUS WASTE SOIL 30                            | 12 T                         | 15E156        | 09/DEC       |  |
| 1                  | NON HAZARDOUS WASTE SOIL 33                            | 12 T                         | 10L155        | 30/NOV       |  |

Collect On Delivery \$ \_\_\_\_\_ and remit to \_\_\_\_\_ C.O.D. Charge to be paid by Shipper  Consignee

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".  
 Note. – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.  
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

**HM EMERGENCY RESPONSE TELEPHONE NUMBER (817)2.604**

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per \_\_\_\_\_

Shipper: KAFB Agent: Shaw E & I  
 Per: Shaw E & I Date: 11/30/11 Per: [Signature] Date: 11/30/11



DEPARTMENT OF THE AIR FORCE  
377th Civil Engineer Division (AFMC)

*file*

COPY

27 October 2011

MEMORANDUM FOR: 377 MSG/CEANR

FROM: 377 MSG/CEANC (Solid Waste Program Manager)

SUBJECT: Landfill Disposal

Reference: Shaw Environmental Ltr. dated: 27 October 2011  
USACE Contract No. W912DY-10-D-0014 / Delivery Order No. 0002

Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106153 and KAFB-106054 on Kirtland AFB as part of Bulk Fuels Facility Site Investigation

1. Authorization is granted to Shaw Environmental to dispose of soil drill cuttings and debris in support of continued monitoring of Bulk Fuels Facility from the installation of Pneulog Wells KAFB-106153 and KAFB-106054 at the Kirtland AFB construction and demolition landfill. Debris will be delivered by Bellio Trucking, Inc., and will be in four Bellio roll-offs, numbered 26, 29, 30 and 32, to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. Shaw shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany each roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 853-2486.

KATRINA E. WHEELock  
Solid Waste Program Manager  
Environmental Management



**Shaw**® Shaw Environmental & Infrastructure, Inc.

A World of **Solutions**™

October 27, 2011

Project No. 140705  
KAFB-011-0059

Mr. Steve Kitt  
377 MSG/CBANC  
2050 Wyoming Blvd NE  
Albuquerque, NM 87117-5270

Reference: USACE Contract No. W912DY-10-D-0014, Delivery Order 0002

Subject: Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106153 and KAFB-106154  
Kirtland AFB, New Mexico

Dear Mr. Kitt:

Shaw Environmental and Infrastructure (Shaw E&I) is requesting permission to dispose of nonhazardous soil drill cuttings and plastic liners used in rolloff containers to the Kirtland Air Force Base (Kirtland AFB) Construction and Demolition (C&D) debris landfill. The generation of and analyses performed on the soil drill cuttings are discussed below.

During October 2011, Shaw E&I installed two pneulog wells (KAFB-106153 and KAFB-106154) for the Kirtland AFB Bulk Fuels Facility (BFF). The KAFB-106153 well is located 300 feet northeast of KAFB Building 2401. The KAFB-106154 well is located 300 feet southeast of KAFB Building 1024. The pneulog wells were drilled using air rotary casing hammer (ARCH) and the drill cuttings were containerized in plastic lined steel rolloffs pending laboratory analysis for waste characterization. Approximately 10 to 15 cubic yards of soil drill cuttings were generated for each 20-cubic yard rolloff container. Two rolloffs are located at KAFB-106153 and two rolloffs are located at KAFB-106154.

A composite sample was collected from each of the rolloffs. Each composite sample was sent to Gulf Coast Analytical Laboratory for testing. The samples were analyzed for the required parameters per the Kirtland AFB Landfill Acceptance Memorandum (January 2009). The analytical results for the composite samples confirm that the drill cuttings are not considered to be hazardous waste and meet the requirements for disposal at the Kirtland C&D landfill.

Shaw E & I requests your review of the attached analytical data and determination for disposal at Kirtland AFB C&D landfill. All four rolloff containers are owned by Bellio Trucking, Inc. and the numbers on the containers for disposal include - 26, 29, 30, and 32. Upon receiving notification of Kirtland AFB's acceptance of the soil and plastic, Shaw E&I will coordinate transport of the rolloffs and disposal of the waste with Bellio.

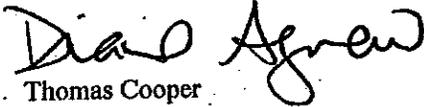
Mr. Steve Kitt

2

October 27, 2011

If you have any questions regarding this request, please contact me at (720) 554-8163. Thank you for your assistance.

Sincerely,



Thomas Cooper  
Project Manager

**Enclosures:**

**Gulf Coast Analytical Laboratory Report No. 211102060 – Analytical Results for Drill Cuttings from Pneulog Wells KAFB-106153 and KAFB-106154**

**NELAP CERTIFICATE NUMBER 01955  
DOD ELAP CERTIFICATE NUMBER ADE - 1482**

# **ANALYTICAL RESULTS**

**PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.  
7979 GSRI Avenue  
Baton Rouge, LA 70820**

**Report Date 10/26/2011**

**GCAL Report 211102060**



**Deliver To** Shaw Environmental & Infrastructure, Inc.  
7604 Technology Way  
Ste. 300  
Denver, CO 80237  
720-554-8252

**Attn** Pamela Moss

**Project** Kirtland AFB IDW

**STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable**

Shipper's No. \_\_\_\_\_

(Name of Carrier) Bellio Trucking SCAC. \_\_\_\_\_ Carrier's No. \_\_\_\_\_

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading.

at \_\_\_\_\_ date \_\_\_\_\_ from \_\_\_\_\_  
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee – For purposes of notification only)

Consigned to Kirkland AFB C & D Landfill  
 Destination KAFB State NM County \_\_\_\_\_ Zip 87117 Delivery Address\* \_\_\_\_\_  
 Route \_\_\_\_\_ (To be filled in only when shipper desires and governing tariffs provide for delivery thereat)

| Delivering Carrier                        |  | Car or Vehicle Initials     |                                  |                                    | No.  |
|---|--|-----------------------------|----------------------------------|------------------------------------|--|
| Number of Packages                        | Description of articles, special marks, and exceptions | Weight (Sub. to correction) | Class or rate                    | Check column                       | Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse to the consignor, the consignor shall sign the following statement:<br>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br>_____<br>(Signature of consignor)<br>If charges are to be prepaid, write or stamp here, "To be Prepaid".<br>Received \$ _____<br>to apply in prepayment of the charges on the property described hereon.<br>_____<br>Agent or Cashier<br>Per _____<br>(The signature here acknowledges only the amount prepaid.)<br>Charges Advanced<br>\$ _____ |
| 1   | Non hazardous waste soils 26                           | est. 12 tons                | 11/1/11                          | 106154                             |  |
| 1   | NON HAZARDOUS WASTE SOIL 29                            | 12T                         | 11/1/11                          | 106153                             |  |
| 1   | NON HAZARDOUS WASTE SOILS 30                           | 12T                         | 11/1/11                          | 106154                             |  |
| 1   | NON HAZARDOUS WASTE SOILS 32                           | 12T                         | 11/1/11                          | 106153                             |  |
| Collect On Delivery and remit to \$ _____ |  | C.O.D. Charge to be paid by | Shipper <input type="checkbox"/> | Consignee <input type="checkbox"/> |  |

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".  
 Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.  
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per \_\_\_\_\_

Shipper: KAFB Agent: Shaw E & I  
 Per: Shaw E & I Date: 11/1/11 Per: M. S. W. K. R. A. D. Date: 11/1/11





**DEPARTMENT OF THE AIR FORCE**  
377th Civil Engineer Division (AFMC)

*file*  
**COPY**

27 October 2011

**MEMORANDUM FOR: 377 MSG/CEANR**

**FROM: 377 MSG/CEANC (Solid Waste Program Manager)**

**SUBJECT: Landfill Disposal**

**Reference: Shaw Environmental Ltr. dated: 26 October 2011**  
**USACE Contract No. W912DY-10-D-0014 / Delivery Order No. 0002**

**Disposal of Soil Drill Cuttings from the Installation of Pneulog Well KAFB-106152 on Kirtland AFB as part of Bulk Fuels Facility Site Investigation**

1. Authorization is granted to Shaw Environmental to dispose of soil drill cuttings and debris in support of continued monitoring of Bulk Fuels Facility from the installation of Pneulog Well KAFB-106152 at the Kirtland AFB construction and demolition landfill. Debris will be delivered by Bellio Trucking, Inc., and will be in two Bellio roll-offs, numbered 22 and 24, to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. Shaw shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany each roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 853-2486.

**KATRINA E. WHEELock**  
**Solid Waste Program Manager**  
**Environmental Management**



**Shaw**® Shaw Environmental & Infrastructure, Inc.

---

A World of **Solutions**™

October 26, 2011

Project No. 140705  
KAFB-011-0058

Mr. Steve Kitt  
377 MSG/CEANC  
2050 Wyoming Blvd NE  
Albuquerque, NM 87117-5270

Reference: USACE Contract No. W912DY-10-D-0014, Delivery Order 0002

Subject: Disposal of Soil Drill Cuttings from the Installation of Pneulog Well KAFB-106152  
Kirtland AFB, New Mexico

Dear Mr. Kitt:

Shaw Environmental and Infrastructure (Shaw E&I) is requesting permission to dispose of nonhazardous soil drill cuttings and plastic liners used in rolloff containers to the Kirtland Air Force Base (Kirtland AFB) Construction and Demolition (C&D) debris landfill. The generation of and analyses performed on the soil drill cuttings are discussed below.

During October 2011, Shaw E&I installed one pneulog well (KAFB-106152) for the Kirtland AFB Bulk Fuels Facility (BFF). The KAFB-106152 well is located 200 feet southwest of KAFB Building 1024. The pneulog wells were drilled using air rotary casing hammer (ARCH) and the drill cuttings were containerized in plastic lined steel rolloffs pending laboratory analysis for waste characterization. Approximately 10 to 15 cubic yards of soil drill cuttings were generated for each 20-cubic yard rolloff container. Two rolloffs are located at KAFB-106152.

A composite sample was collected from each of the rolloffs. Each composite sample was sent to Gulf Coast Analytical Laboratory for testing. The samples were analyzed for the required parameters per the Kirtland AFB Landfill Acceptance Memorandum (January 2009). The analytical results for the composite samples confirm that the drill cuttings are not considered to be hazardous waste and meet the requirements for disposal at the Kirtland C&D landfill.

Shaw E & I requests your review of the attached analytical data and determination for disposal at Kirtland AFB C&D landfill. Both rolloff containers are owned by Bellio Trucking, Inc. and the numbers on the containers for disposal include – 22 and 24. Upon receiving notification of Kirtland AFB's acceptance of the soil and plastic, Shaw E&I will coordinate transport of the rolloffs and disposal of the waste with Bellio.

Mr. Steve Kitt

2

October 26, 2011

If you have any questions regarding this request, please contact me at (720) 554-8163. Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom Cooper", followed by a small flourish.

Thomas Cooper  
Project Manager

Enclosures:

Gulf Coast Analytical Laboratory Report No. 211101301 – Analytical Results for Drill Cuttings from Pneulog Well KAFB-106152

**NELAP CERTIFICATE NUMBER 01955  
DOD ELAP CERTIFICATE NUMBER ADE - 1482**

# **ANALYTICAL RESULTS**

**PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.  
7979 GSRI Avenue  
Baton Rouge, LA 70820**

**Report Date 10/20/2011**

**GCAL Report 211101301**



**Deliver To** Shaw Environmental & Infrastructure, Inc.  
7604 Technology Way  
Ste. 300  
Denver, CO 80237  
720-554-8252

**Attn** Pamela Moss

**Project** Kirtland AFB IDW

# STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable

Shipper's No. \_\_\_\_\_

(Name of Carrier) Bellio Trucking SCAC. \_\_\_\_\_ Carrier's No. \_\_\_\_\_

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at \_\_\_\_\_ date \_\_\_\_\_ from \_\_\_\_\_  
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee – For purposes of notification only.)

Consigned to Kirkland AFB C & D Landfill  
 Destination KAFB State NM County \_\_\_\_\_ Zip 87117 Delivery Address\* \_\_\_\_\_  
(\*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route \_\_\_\_\_

| Delivering Carrier | Car or Vehicle Initials                                | No.                          |               |              |  |
|--------------------|--|------------------------------|---------------|--------------|--|
| Number of Packages | Description of articles, special marks, and exceptions | *Weight (Sub. to correction) | Class or rate | Check column | Subject to Section 7 of conditions. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:<br>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br><br>(Signature of consignor) _____<br>If charges are to be prepaid, write or stamp here, "To be Prepaid".<br><br>Received \$ _____ to apply in prepayment of the charges on the property described hereon.<br><br>Agent or Cashier _____<br>Per _____ (The signature here acknowledges only the amount prepaid.)<br><br>Charges Advanced: \$ _____ |
| 1                  | Non hazardous waste soils 22                           | est. 12 tons                 | 11/1/11       | 10452        |  |
| 1                  | NON HAZARDOUS WASTE SOILS 24                           | 12 T                         | 11/1/11       | 10452        |  |

Collect On Delivery and remit to \_\_\_\_\_ C.O.D. Charge Shipper  to be paid by Consignee

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".  
 Note. — where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.  
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per \_\_\_\_\_

Shipper: KAFB Agent: Shaw E & I  
 Per: Shaw E & I Date: 11/1/11 Per: [Signature] Date: 11/1/11



**DEPARTMENT OF THE AIR FORCE**  
377th Civil Engineer Division (AFMC)

*file*  
**COPY**

20 October 2011

**MEMORANDUM FOR: 377 MSG/CEANR**

**FROM: 377 MSG/CEANC (Solid Waste Program Manager)**

**SUBJECT: Landfill Disposal**

**Reference: Shaw Environmental Ltr. dated: 18 October 2011**  
**USACE Contract No. W912DY-10-D-0014 / Delivery Order No. 0002**

**Disposal of Soil Drill Cuttings from the Installation of Pneulog Well KAFB-106151 on Kirtland AFB as part of Bulk Fuels Facility Site Investigation**

1. Authorization is granted to Shaw Environmental to dispose of soil drill cuttings and debris in support of continued monitoring of Bulk Fuels Facility from the installation of Pneulog Well KAFB-106151 at the Kirtland AFB construction and demolition landfill. Debris will be delivered by Bellio Trucking, Inc., and will be in two Bellio roll-offs, numbered 25 and 33, to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. Shaw shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany each roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 853-2486.

**KATRINA E. WHEELLOCK**  
**Solid Waste Program Manager**  
**Environmental Management**

October 18, 2011

Project No. 140705  
KAFB-011-0057

Mr. Steve Kitt  
377 MSG/CEANC  
2050 Wyoming Blvd NE  
Albuquerque, NM 87117-5270

Reference: USACE Contract No. W912DY-10-D-0014, Delivery Order 0002

Subject: Disposal of Soil Drill Cuttings from the Installation of Pneulog Well KAFB-106151  
Kirtland AFB, New Mexico

Dear Mr. Kitt:

Shaw Environmental and Infrastructure (Shaw E&I) is requesting permission to dispose of nonhazardous soil drill cuttings and plastic liners used in rolloff containers to the Kirtland Air Force Base (Kirtland AFB) Construction and Demolition (C&D) debris landfill. The generation of and analyses performed on the soil drill cuttings are discussed below.

During September 2011, Shaw E&I installed one pneulog well (KAFB-106151) for the Kirtland AFB Bulk Fuels Facility (BFF). The KAFB-106151 well is located 200 feet southeast of KAFB Building 1049. The pneulog wells were drilled using air rotary casing hammer (ARCH) and the drill cuttings were containerized in plastic lined steel rolloffs pending laboratory analysis for waste characterization. Approximately 10 to 15 cubic yards of soil drill cuttings were generated for each 20-cubic yard rolloff container. Two rolloffs are located at KAFB-106151.

A composite sample was collected from each of the rolloffs. Each composite sample was sent to Gulf Coast Analytical Laboratory for testing. The samples were analyzed for the required parameters per the Kirtland AFB Landfill Acceptance Memorandum (January 2009). The analytical results for the composite samples confirm that the drill cuttings are not considered to be hazardous waste and meet the requirements for disposal at the Kirtland C&D landfill.

Shaw E & I requests your review of the attached analytical data and determination for disposal at Kirtland AFB C&D landfill. Both rolloff containers are owned by Bellio Trucking, Inc. and the numbers on the containers for disposal include – 25 and 33. Upon receiving notification of Kirtland AFB's acceptance of the soil and plastic, Shaw E&I will coordinate transport of the rolloffs and disposal of the waste with Bellio.

Mr. Steve Kitt

2

October 18, 2011

If you have any questions regarding this request, please contact me at (720) 554-8163. Thank you for your assistance.

Sincerely,

Handwritten signature of Thomas Cooper in cursive script, including the initials "TC" at the end.

Thomas Cooper  
Project Manager

Enclosures:

Gulf Coast Analytical Laboratory Report No. 211093017 – Analytical Results for Drill Cuttings from Pneulog Well KAFB-106151

**NELAP CERTIFICATE NUMBER 01955  
DOD ELAP CERTIFICATE NUMBER ADE - 1482**

# **ANALYTICAL RESULTS**

**PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.**

**7979 GSRI Avenue  
Baton Rouge, LA 70820**

**Report Date 10/12/2011**

**GCAL Report 211093017**



**Deliver To** Shaw Environmental & Infrastructure, Inc.  
7604 Technology Way  
Ste. 300  
Denver, CO 80237  
720-554-8252

**Attn** Pamela Moss

**Project** Kirtland AFB IDW

**STRAIGHT BILL OF LADING – SHORT FORM – Original – Not Negotiable**

Shipper's No. \_\_\_\_\_

(Name of Carrier) Bellio Trucking SCAC. \_\_\_\_\_ Carrier's No. \_\_\_\_\_

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading.

at \_\_\_\_\_ date \_\_\_\_\_ from \_\_\_\_\_

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to \_\_\_\_\_ (Mail or street address of consignee – For purposes of notification only.)

Kirkland AFB C & D Landfill

Destination KAFB State NM County \_\_\_\_\_ Zip 87117 Delivery Address\* \_\_\_\_\_

Route \_\_\_\_\_ (\*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Delivering Carrier \_\_\_\_\_ Car or Vehicle Initials \_\_\_\_\_ No. \_\_\_\_\_

| Number of Packages | Description of articles, special marks, and exceptions | *Weight (Sub. to correction) | Class or rate | Check column | Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:<br>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br><br>(Signature of consignor)<br><br>If charges are to be prepaid, write or stamp here, "To be Prepaid".<br><br>Received \$ _____ to apply in prepayment of the charges on the property described hereon.<br><br>Agent or Cashier<br><br>Per _____ (The signature here acknowledges only the amount prepaid.)<br><br>Charges Advanced:<br><br>\$ _____ |
|--------------------|--|------------------------------|---------------|--------------|---|
| 1                  | Non hazardous waste soils 25                           | est. 12 tons                 | 40CT11        | 106151       |   |
| 1                  | NON HAZARDOUS SOILS 33                                 | 12T                          | 240CT11       | 106151       |   |
|                    |  |                              |               |              |   |
|                    |  |                              |               |              |   |
|                    |  |                              |               |              |   |

Collect On Delivery  and remit to \_\_\_\_\_ C.O.D. Charge Shipper   
\$ \_\_\_\_\_ to be paid by Consignee

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".  
Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.  
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

HM EMERGENCY RESPONSE TELEPHONE NUMBER (517.2.604)

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per \_\_\_\_\_

Shipper: KAFB Agent: Shaw E & I  
Per: Shaw E & I Date: 10/26/11 Per: M Swickard Date: 10/26/11



DEPARTMENT OF THE AIR FORCE  
377th Civil Engineer Division (AFMC)

*file*  
COPY

7 October 2011

MEMORANDUM FOR: 377 MSG/CEANR

FROM: 377 MSG/CEANC (Solid Waste Program Manager)

SUBJECT: Landfill Disposal

Reference: Shaw Environmental Ltr. dated: 6 October 2011  
USACE Contract No. W912DY-10-D-0014 / Delivery Order No. 0002

Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106148, KAFB-106149, and KAFB-106150 on Kirtland AFB as part of Bulk Fuels Facility Site Investigation

1. Authorization is granted to Shaw Environmental to dispose of soil drill cuttings and debris in support of continued monitoring of Bulk Fuels Facility from the installation of Pneulog Wells KAFB-106148, KAFB-106149, and KAFB-106150 at the Kirtland AFB construction and demolition landfill. Debris will be delivered by Bellio Trucking, Inc., and will be in five Bellio roll-offs, numbered 6, 15, 26, 30, and 32 to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. Shaw shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany each roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 853-2486.

KATRINA E. WHEELock  
Solid Waste Program Manager  
Environmental Management



Shaw Environmental & Infrastructure, Inc.

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A World of Solutions™

October 6, 2011

Project No. 140705  
KAFB-011-0056

Mr. Steve Kitt  
377 MSG/CEANC  
2050 Wyoming Blvd NE  
Albuquerque, NM 87117-5270

Reference: USACE Contract No. W912DY-10-D-0014, Delivery Order 0002

Subject: Disposal of Soil Drill Cuttings from the Installation of Pneulog Wells KAFB-106148, KAFB-106149, and KAFB-106150  
Kirtland AFB, New Mexico

Dear Mr. Kitt:

Shaw Environmental and Infrastructure (Shaw E&I) is requesting permission to dispose of nonhazardous soil drill cuttings and plastic liners used in rolloff containers to the Kirtland Air Force Base (Kirtland AFB) Construction and Demolition (C&D) debris landfill. The generation of and analyses performed on the soil drill cuttings are discussed below.

During September 2011, Shaw E&I installed three pneulog wells (KAFB-106148, KAFB-106149, and KAFB-106150) for the Kirtland AFB Bulk Fuels Facility (BFF).

The KAFB-106148 well is located 100 feet north of KAFB Building 1033. The KAFB-106149 well is located 100 feet northeast of KAFB Building 1026. The KAFB-106150 well is located directly southwest of KAFB Building 2403. The pneulog wells were drilled using air rotary casing hammer (ARCH) and the drill cuttings were containerized in plastic lined steel rolloffs pending laboratory analysis for waste characterization. Approximately 10 to 15 cubic yards of soil drill cuttings were generated for each 20-cubic yard rolloff container. Two rolloffs are located at KAFB-106148, two rolloffs are located at KAFB-106149, and one rolloff is located at KAFB-106150.

A composite sample was collected from each of the rolloffs. Each composite sample was sent to Gulf Coast Analytical Laboratory for testing. The samples were analyzed for the required parameters per the Kirtland AFB Landfill Acceptance Memorandum (January 2009). The analytical results for the composite samples confirm that the drill cuttings are not considered to be hazardous waste and meet the requirements for disposal at the Kirtland C&D landfill.

Shaw E & I requests your review of the attached analytical data and determination for disposal at Kirtland AFB C&D landfill. All five rolloff containers are owned by Bellio Trucking, Inc. and the numbers on the containers for

disposal include – 6, 15, 26, 30, and 32. Upon receiving notification of Kirtland AFB's acceptance of the soil and plastic, Shaw E&I will coordinate transport of the rollofs and disposal of the waste with Bellio.

If you have any questions regarding this request, please contact me at (720) 554-8163. Thank you for your assistance.

Sincerely,

Handwritten signature of Thomas Cooper in cursive script.

Thomas Cooper  
Project Manager

Enclosures:

Gulf Coast Analytical Laboratory Reports No. 211092223 and No. 211092830 – Analytical Results for Drill Cuttings from Pneulog Wells KAFB-106148, KAFB-106149 and KAFB-106150

**NELAP CERTIFICATE NUMBER 01955  
DOD ELAP CERTIFICATE NUMBER ADE - 1482**

# **ANALYTICAL RESULTS**

**PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.**

**7979 GSRI Avenue  
Baton Rouge, LA 70820**

**Report Date 10/06/2011**

**GCAL Report 211092223**



***Deliver To*** Shaw Environmental & Infrastructure, Inc.  
7604 Technology Way  
Ste. 300  
Denver, CO 80237  
720-554-8252

***Attn*** Pamela Moss

***Project*** Kirtland AFB IDW

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Shipper's No. \_\_\_\_\_

(Name of Carrier) Bellio Trucking

SCAC. \_\_\_\_\_

Carrier's No. \_\_\_\_\_

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at \_\_\_\_\_ date \_\_\_\_\_ from \_\_\_\_\_  
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, (as specified in Appendix B to Part 1055) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to \_\_\_\_\_ (Mail or street address of consignee – For purposes of notification only.)

Kirkland AFB C & D Landfill

| Destination | State     | County | Zip          | Delivery Address* |
|-------------|-----------|--------|--------------|-------------------|
| <u>KAFB</u> | <u>NM</u> |        | <u>87117</u> |                   |

Route \_\_\_\_\_ (\*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

| Delivering Carrier | Car or Vehicle Initials | No. |
|--------------------|-------------------------|-----|
|                    |                         |     |

| Number of Packages | Description of articles, special marks, and exceptions | *Weight (Sub. to correction) | Class or rate | Check column | Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:<br>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.   |
|--------------------|--|------------------------------|---------------|--------------|--|
| 1                  | Non hazardous waste soils 4                            | est. 12 tons                 | 110XT11       | 106148       | (Signature of consignor) _____<br>If charges are to be prepaid, write or stamp here, "To be Prepaid".<br><br>Received \$ _____ to apply in prepayment of the charges on the property described hereon.<br><br>Agent or Cashier _____<br>Per _____ (The signature here acknowledges only the amount prepaid).<br><br>Charges Advanced: \$ _____ |
| 1                  | NON-HAZARDOUS SOILS 15                                 | 12T                          | 110XT11       | 106150       |  |
| 1                  | NON-HAZARDOUS SOILS 24                                 | 12T                          | 110XT11       | 106149       |  |
| 1                  | NON-HAZARDOUS SOILS 30                                 | 12T                          | 110XT11       | 106148       |  |
| 1                  | NON-HAZARDOUS SOILS 32                                 | 12T                          | 110XT11       | 106148       |  |

Collect On Delivery and remit to \$ \_\_\_\_\_ C.O.D. Charge to be paid by Shipper  Consignee

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Shipper: KAFB Agent: Shaw E & I  
 Per: Shaw E & I Date: 10/10/11 Per: M. Sewell Date: 10/10/11