



46226 National Road  
St. Clairsville, Ohio 43950

PHONE: (740) 338-3100  
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May 8, 2019

***Via Certified Mail***

U.S. Nuclear Regulatory Commission, Region 1  
2100 Renaissance Blvd., Ste. 100  
King of Prussia, Pennsylvania 19426  
Attn: DNMS LAT – Randolph C. Ragland, Jr.

***Re: Change of Control/Name Change – NRC License No. 34-35134-02, NRC  
Docket No. 03038721, Mail Control No. 611645***

Dear Mr. Ragland:

We are in receipt of your electronic mail to Mr. Greg Evans, dated April 16, 2019, regarding the above-captioned matter. Please see responses enclosed herein. If you have any questions, please do not hesitate to contact Mr. Evans at (740) 338-3205 or gregevens@coalsource.com.

Regards,  
THE OHIO COUNTY COAL COMPANY

Jason D. Witt, Esq.  
***Secretary***

CONSOLIDATION COAL COMPANY

Jason D. Witt, Esq.  
***Secretary***

Enclosures

611645  
NMSS/RGN1 MATERIALS-002

REC R G 1 05 09 19 AM 10:01

## Information Needed For Transfer of Control Application

Include a contact name and either U.S. Nuclear Regulatory Commission (NRC) regional office or Headquarters telephone numbers for follow-up information, as required.

**NRC Region:** One (1) **Contact:** R. Ragland  
**Telephone:** (610) 337-5083 **Fax:** (610) 337-5269

### Definitions:

**Control:** Control of a license is in the hands of the person or persons who are empowered to decide when and how that license will be used. That control is to be found in the person or persons who, because of ownership or authority explicitly delegated by the owners, possess the power to determine corporate policy and, thus, the direction of the activities under the license.

**Transferee:** A transferee is an entity that proposes to purchase or otherwise gain control of an NRC-licensed operation.

**Transferor:** A transferor is an NRC licensee selling or otherwise giving up control of a licensed operation.

### Information Needed for Transfer of Control

Licensees must provide full information and obtain NRC's *prior written consent* before transferring control of the license. Provide the following information concerning changes of control by the applicant (transferor and/or transferee, as appropriate). If any items are not applicable, so state.

1. Describe any planned changes in the organization, including but not limited to, transfer of stocks or assets and mergers, change in members on Board of Directors, etc. Provide the new licensee name, mailing address, and contact information, including phone numbers. Clearly identify when the amendment request is due to a name change only.

This change is for the name change only.

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel and any changes in the training program.

There are no changes in personnel or duties related to this license.

3. Describe any changes in the location, facilities, equipment, radiation safety program, use, possession, waste management, or other procedures that relate to the licensed program.

The devices are not changing location.

4. Describe the status of the licensee's facilities, equipment, and radiation safety program, including any known contamination and whether decontamination will occur prior to transfer. Include the status of calibrations, leak tests, area surveys, wipe tests, training, quality control, and related records.

These devices are inspected and have a leak test performed on them every six (6) months. Please see leak test enclosed.

5. If current decommissioning funding plans (DFP) will be changed as a result of the transfer, the revised DFP should be submitted. If other financial assurance documents will be changed as a result of the transfer, confirm that all financial assurance instruments associated with the license will be held in the transferee's name before the license is transferred, and as required by 10 CFR 30.35(f), the licensee must, within 30 days, submit financial instruments reflecting such changes.

This is inapplicable for this change of name.

6. Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

This is inapplicable for this change of name.

7. Confirm that both transferor and transferee agree to transferring control of the licensed material and activity, and the conditions of transfer, and that the transferee has been made aware of any open inspection items and its responsibility for possible resulting enforcement actions.

Confirmed. Please note that both The Ohio County Coal Company and Consolidation Coal Company are wholly-owned subsidiaries of the same parent corporation.

8. Confirm that the transferee will abide by all constraints, conditions, requirements, representations, and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

Confirmed. The Ohio County Coal Company is in the process of renewing the applicable license. The application for material license was submitted March 15, 2019. Please refer to NRC License No. 34-35134-02, NRC Docket No. 03038721, and Mail Control No. 611645.

9. The transferee, in the case of fuel cycle facilities, shall provide documentation showing that it is financially qualified to conduct normal operations. The information can be in

the form of income statements and balance sheet forecasts.

This is inapplicable for this change of name.



368 Butler St  
Pittsburgh, PA 15223  
Phone: (412) 782-1957  
Fax: (412) 408-3531  
www.jendco.com

## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit  
Benwood WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: 2nd Fl Plt #1 "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012762

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

**This certificate is an essential record and should be maintained for inspection by the regulatory agency.**

**Next LT Due: 6/29/2019**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B208  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "B" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/26/2018  
Leak Test Specimen Number: J-012606      Leak Test Analysis Date: 7/9/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/26/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B208  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "B" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 12/21/2017  
Leak Test Specimen Number: J-012344      Leak Test Analysis Date: 1/3/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/21/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B208  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "B" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/27/2017  
Leak Test Specimen Number: J-012153      Leak Test Analysis Date: 7/10/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/27/2017**





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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B208  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5203  
**Location:** 2nd Fl Plt #1 "B" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/19/2017  
**Leak Test Specimen Number:** J-011903      **Leak Test Analysis Date:** 1/24/2017  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/19/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B208  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5203  
**Location:** 2nd Fl Plt #1 "B" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 7/21/2016  
**Leak Test Specimen Number:** J-011770      **Leak Test Analysis Date:** 7/25/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/21/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray American Energy Corp.      Contact: Jeff Webb  
Address: Ohio County Prep Plant      Phone: 304-233-9128  
RD1 Golden Ridge Rd.      Dallas WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B208  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "B" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 1/21/2016  
Leak Test Specimen Number: J-011563      Leak Test Analysis Date: 1/26/2016  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/21/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Energy Corp.

Contact: Greg Evans

Address: Ohio County Prep Plant  
RD1 Golden Ridge Rd.  
Dallas WV 26036

Phone: 304-233-9128

Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: 2nd Fl Plt #1 "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/22/2015

Leak Test Specimen Number: J-011382

Leak Test Analysis Date: 8/6/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/22/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb  
Address: RD1 Golden Ridge Rd.      Phone: 304-233-9126  
Dallas WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B208  
Device Manufacturer: Thermo Process Instr.      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt "B" HM Coarse  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 1/22/2015  
Leak Test Specimen Number: J-011124      Leak Test Analysis Date: 1/29/2015  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/22/2015**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb

Address: RD1 Golden Ridge Rd.  
Dallas WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5203

Location: 2nd Fl Plt "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011048

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/24/2015**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Brent Hutchenson  
**Address:** Ohio City Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B208  
**Device Manufacturer:** TN      **Source Manufacturer:** TN  
**Device Model:** 9701      **Source Model:** 5203  
**Location:** 2nd Fl Plt "B" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/27/2014  
**Leak Test Specimen Number:** J-010684      **Leak Test Analysis Date:** 2/5/2014  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/27/2014**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Prep Plant                      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit                                      Phone: 304-233-9126  
Benwood WV 26036    Fax: 304-232-2073

### Device Information

Device Serial Number: N/A    Source Serial Number: B209  
Device Manufacturer: Thermo Fisher                                      Source Manufacturer: TN  
Device Model: 9719A    Source Model: 5203  
Location: 2nd Fl Plt #1 "A" HM Course  
Radioisotope: Cs-137    Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis                                      Leak Test Performed on: 12/29/2018  
Leak Test Specimen Number: J-012764                                      Leak Test Analysis Date: 1/2/2019  
Leak Test Analysis Performed by: Andy Haberman                                      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/29/2019**





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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B209  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "A" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/26/2018  
Leak Test Specimen Number: J-012605      Leak Test Analysis Date: 7/9/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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Next LT Due: 12/26/2018



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B209  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "A" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 12/21/2017  
Leak Test Specimen Number: J-012343      Leak Test Analysis Date: 1/3/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/21/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B209  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "A" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/27/2017  
Leak Test Specimen Number: J-012154      Leak Test Analysis Date: 7/10/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/27/2017**



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Pittsburgh, PA 15223  
Phone: (412) 782-1957  
Fax: (412) 408-3531  
www.jendco.com

## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B209  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5203  
**Location:** 2nd Fl Plt #1 "A" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/19/2017  
**Leak Test Specimen Number:** J-011902      **Leak Test Analysis Date:** 1/24/2017  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/19/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B209  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5203  
**Location:** 2nd Fl Plt #1 "A" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 7/21/2016  
**Leak Test Specimen Number:** J-011771      **Leak Test Analysis Date:** 7/25/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/21/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray American Energy Corp.      Contact: Jeff Webb  
Address: Ohio County Prep Plant      Phone: 304-233-9128  
RD1 Golden Ridge Rd.      Fax: 304-232-2073  
Dallas WV 26036

### Device Information

Device Serial Number: N/A      Source Serial Number: B209  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5203  
Location: 2nd Fl Plt #1 "A" HM Course  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 1/21/2016  
Leak Test Specimen Number: J-011560      Leak Test Analysis Date: 1/26/2016  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/21/2016**



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**JENDCO LEAK TEST CERTIFICATE**

**Client Information**

Customer Name: Murray Energy Corp. Contact: Greg Evans  
Address: Ohio County Prep Plant Phone: 304-233-9128  
RD1 Golden Ridge Rd. Fax: 304-232-2073  
Dallas WV 26036

**Device Information**

Device Serial Number: N/A Source Serial Number: B209  
Device Manufacturer: Thermo Fisher Source Manufacturer: TN  
Device Model: 9719A Source Model: 5203  
Location: "A" HM Coarse 2nd Fl Plt #1  
Radioisotope: Cs-137 Activity: 1000 mCi

**Leak Test Information**

Leak Test Performed by: Steve Ellis Leak Test Performed on: 7/22/2015  
Leak Test Specimen Number: J-011381 Leak Test Analysis Date: 8/6/2015  
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 µCi

**Notification**

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/22/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb  
Address: RD1 Golden Ridge Rd.      Phone: 304-233-9126  
Dallas WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B209  
Device Manufacturer: TN      Source Manufacturer: TN  
Device Model: 9701      Source Model: 5203  
Location: 2nd Fl Plt "A" HM Coarse  
Radioisotope: Cs-137      Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 1/22/2015  
Leak Test Specimen Number: J-011125      Leak Test Analysis Date: 1/29/2015  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/22/2015**





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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb

Address: RD1 Golden Ridge Rd.  
Dallas WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B209

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5203

Location: 2nd Fl Plt "A" HM Coarse

Radioisotope: Cs-137

Activity: 1000 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011049

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/24/2015**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Brent Hutchenson  
**Address:** Ohio City Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.  
Dallas WV 26036      **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B209  
**Device Manufacturer:** TN      **Source Manufacturer:** TN  
**Device Model:** 9701      **Source Model:** 5203  
**Location:** 2nd Fl Plt "A" HM Course  
**Radioisotope:** Cs-137      **Activity:** 1000 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/27/2014  
**Leak Test Specimen Number:** J-010683      **Leak Test Analysis Date:** 2/5/2014  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/27/2014**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Ohio County Prep Plant                      **Contact:** Jeff Webb  
**Address:** St. Rt. 2 4th St. Exit                                      **Phone:** 304-233-9126  
Benwood WV 26036    **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** N/A    **Source Serial Number:** B2263  
**Device Manufacturer:** Thermo Fisher                                      **Source Manufacturer:** TN  
**Device Model:** 9719A    **Source Model:** 5201  
**Location:** Pump Room Underflow  
**Radioisotope:** Cs-137    **Activity:** 100 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis                                      **Leak Test Performed on:** 12/29/2018  
**Leak Test Specimen Number:** J-012763                                      **Leak Test Analysis Date:** 1/2/2019  
**Leak Test Analysis Performed by:** Andy Haberman                                      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/29/2019**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B2263  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5201  
Location: Pump Room Underflow  
Radioisotope: Cs-137      Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/26/2018  
Leak Test Specimen Number: J-012604      Leak Test Analysis Date: 7/9/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/26/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B2263  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5201  
Location: Pump Room Underflow  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 12/21/2017  
Leak Test Specimen Number: J-012342      Leak Test Analysis Date: 1/3/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/21/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: N/A      Source Serial Number: B2263  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5201  
Location: Pump Room Underflow  
Radioisotope: Cs-137      Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/27/2017  
Leak Test Specimen Number: J-012155      Leak Test Analysis Date: 7/10/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/27/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray American Energy Corp.      Contact: Jeff Webb  
Address: Ohio County Prep Plant      Phone: 304-233-9126  
RD1 Golden Ridge Rd.      Fax: 304-232-2073  
Dallas WV 26036

### Device Information

Device Serial Number: N/A      Source Serial Number: B2263  
Device Manufacturer: Thermo Fisher      Source Manufacturer: TN  
Device Model: 9719A      Source Model: 5201  
Location: Pump Room Underflow  
Radioisotope: Cs-137      Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 1/19/2017  
Leak Test Specimen Number: J-011901      Leak Test Analysis Date: 1/24/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/19/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B2263  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5201  
**Location:** Pump Room Underflow  
**Radioisotope:** Cs-137      **Activity:** 100 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 7/21/2016  
**Leak Test Specimen Number:** J-011772      **Leak Test Analysis Date:** 7/25/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/21/2017**





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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9128  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B2263  
**Device Manufacturer:** Thermo Fisher      **Source Manufacturer:** TN  
**Device Model:** 9719A      **Source Model:** 5201  
**Location:** Pump Room Underflow  
**Radioisotope:** Cs-137      **Activity:** 100 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/21/2016  
**Leak Test Specimen Number:** J-011559      **Leak Test Analysis Date:** 1/26/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/21/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Energy Corp.                      Contact: Greg Evans  
Address: Ohio County Prep Plant                      Phone: 304-233-9128  
            RD1 Golden Ridge Rd.                      Fax: 304-232-2073  
            Dallas WV 26036

### Device Information

Device Serial Number: N/A                      Source Serial Number: B2263  
Device Manufacturer: Thermo Fisher                      Source Manufacturer: TN  
Device Model: 9719A                      Source Model: 5201  
Location: 1st FI Pump Room Overland Density  
Radioisotope: Cs-137                      Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis                      Leak Test Performed on: 7/22/2015  
Leak Test Specimen Number: J-011380                      Leak Test Analysis Date: 8/6/2015  
Leak Test Analysis Performed by: Andy Haberman                      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/22/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb

Address: RD1 Golden Ridge Rd.  
Dallas WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5201

Location: 1st Fl Pump Room Overland Density

Radioisotope: Cs-137

Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 1/22/2015

Leak Test Specimen Number: J-011123

Leak Test Analysis Date: 1/29/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/22/2015**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt      Contact: Jeff Webb

Address: RD1 Golden Ridge Rd.  
Dallas WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5201

Location: 1st Fl Pump Room Overland Density

Radioisotope: Cs-137

Activity: 100 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011047

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/24/2015**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Brent Hutchenson  
**Address:** Ohio City Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.  
Dallas WV 26036      **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** N/A      **Source Serial Number:** B2263  
**Device Manufacturer:** TN      **Source Manufacturer:** TN  
**Device Model:** 9701      **Source Model:** 5201  
**Location:** 1st FI Pump Room Overland Density  
**Radioisotope:** Cs-137      **Activity:** 100 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/27/2014  
**Leak Test Specimen Number:** J-010682      **Leak Test Analysis Date:** 2/5/2014  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/27/2014**



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**JENDCO LEAK TEST CERTIFICATE**

**Client Information**

Customer Name: Ohio County Prep Plant                      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit                                      Phone: 304-233-9126  
Benwood WV 26036    Fax: 304-232-2073

**Device Information**

Device Serial Number: 13473                                      Source Serial Number: 37625-12619  
Device Manufacturer: Berthold                                      Source Manufacturer: Berthold  
Device Model: LB 7440-F-CR                                      Source Model: N/A  
Location: 4th Fl Plt #2 "A" Int. HM  
Radioisotope: Cs-137    Activity: 10 mCi

**Leak Test Information**

Leak Test Performed by: Steve Ellis                                      Leak Test Performed on: 12/29/2018  
Leak Test Specimen Number: J-012760                                      Leak Test Analysis Date: 1/2/2019  
Leak Test Analysis Performed by: Andy Haberman                                      Leak Test Results Indicate an Activity of: < 0.005 µCi

**Notification**

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 6/29/2019**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Ohio County Coal Co. Prep Plant      **Contact:** Jeff Webb  
**Address:** St Rt. 2 4th St. Exit      **Phone:** 304-233-9126  
Benwood WV 26036      **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** 13473      **Source Serial Number:** 37625-12619  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB 7440-F-CR      **Source Model:** N/A  
**Location:** 4th Fl Plt #2 "A" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 6/26/2018  
**Leak Test Specimen Number:** J-012603      **Leak Test Analysis Date:** 7/9/2018  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/26/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: 13472      Source Serial Number: 37625-12619  
Device Manufacturer: Berthold      Source Manufacturer: Berthold  
Device Model: LB5441-02-01      Source Model: LB 7440-F-CR  
Location: 4th Fl Plt #2 "A" Int. HM  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 12/21/2017  
Leak Test Specimen Number: J-012341      Leak Test Analysis Date: 1/3/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: 13473      Source Serial Number: 37625-12619  
Device Manufacturer: Berthold      Source Manufacturer: Berthold  
Device Model: LB5441-02-0      Source Model: LB 7440-F-CR  
Location: 4th Fl Plt #2 "A" Int. HM  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/27/2017  
Leak Test Specimen Number: J-012152      Leak Test Analysis Date: 7/10/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/27/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.  
Dallas WV 26036      **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** 13473      **Source Serial Number:** 37625-12619  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB5441-02-0      **Source Model:** LB7440-F-CR  
**Location:** 4th Fl Plt #2 "A" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/19/2017  
**Leak Test Specimen Number:** J-011899      **Leak Test Analysis Date:** 1/24/2017  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/19/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** 13473      **Source Serial Number:** 37625-12619  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB5441-02-0      **Source Model:** LB7440-F-CR  
**Location:** 4th Fl Plt #2 "A" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 7/21/2016  
**Leak Test Specimen Number:** J-011774      **Leak Test Analysis Date:** 7/25/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 1/21/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9128  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** 13473      **Source Serial Number:** 37625-12619  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB 5441-02-0      **Source Model:** LB 7440-F-CR  
**Location:** 4th Fl Plt #2 "A" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/21/2016  
**Leak Test Specimen Number:** J-011562      **Leak Test Analysis Date:** 1/26/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/21/2016**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit  
Benwood WV 26036

Phone: 304-233-9126  
Fax: 304-232-2073

### Device Information

Device Serial Number: 13472

Source Serial Number: 37625-12650

Device Manufacturer: Berthold

Source Manufacturer: Berthold

Device Model: LB 7440-F-CR

Source Model: N/A

Location: 4th Fl Plt #2 "B" Int. HM

Radioisotope: Cs-137

Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012761

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Ohio County Coal Co. Prep Plant      **Contact:** Jeff Webb  
**Address:** St Rt. 2 4th St. Exit      **Phone:** 304-233-9126  
Benwood WV 26036      **Fax:** 304-232-2073

### Device Information

**Device Serial Number:** 13472      **Source Serial Number:** 37625-12650  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB 7440-F-CR      **Source Model:** N/A  
**Location:** 4th Fl Plt #2 "B" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 6/26/2018  
**Leak Test Specimen Number:** J-012607      **Leak Test Analysis Date:** 7/9/2018  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 12/26/2018**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: 13472      Source Serial Number: 37625-12650  
Device Manufacturer: Berthold      Source Manufacturer: Berthold  
Device Model: LB5441-02-01      Source Model: LB 7440-F-CR  
Location: 4th Fl Plt #2 "B" Int. HM  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 12/21/2017  
Leak Test Specimen Number: J-012340      Leak Test Analysis Date: 1/3/2018  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Ohio County Coal Co. Prep Plant      Contact: Jeff Webb  
Address: St. Rt. 2 4th St. Exit      Phone: 304-233-9126  
Benwood WV 26036      Fax: 304-232-2073

### Device Information

Device Serial Number: 13472      Source Serial Number: 37625-12650  
Device Manufacturer: Berthold      Source Manufacturer: Berthold  
Device Model: LB5441-02-0      Source Model: LB 7440-F-CR  
Location: 4th Fl Plt #2 "B" Int. HM  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 6/27/2017  
Leak Test Specimen Number: J-012151      Leak Test Analysis Date: 7/10/2017  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005  $\mu$ Ci

### Notification

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**Next LT Due: 12/27/2017**





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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9126  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** 13472      **Source Serial Number:** 37625-82650  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB5441-02-0      **Source Model:** LB7440-F-CR  
**Location:** 4th Fl Plt #2 "B" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/19/2017  
**Leak Test Specimen Number:** J-011900      **Leak Test Analysis Date:** 1/24/2017  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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**Next LT Due: 7/19/2017**



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## JENDCO LEAK TEST CERTIFICATE

### Client Information

Customer Name: Murray American Energy Corp.      Contact: Jeff Webb  
Address: Ohio County Prep Plant      Phone: 304-233-9126  
RD1 Golden Ridge Rd.      Fax: 304-232-2073  
Dallas WV 26036

### Device Information

Device Serial Number: 13472      Source Serial Number: 37625-82650  
Device Manufacturer: Berthold      Source Manufacturer: Berthold  
Device Model: LB5441-02-0      Source Model: LB7440-F-CR  
Location: 4th Fl Plt #2 "B" Int. HM  
Radioisotope: Cs-137      Activity: 10 mCi

### Leak Test Information

Leak Test Performed by: Steve Ellis      Leak Test Performed on: 7/21/2016  
Leak Test Specimen Number: J-011773      Leak Test Analysis Date: 7/25/2016  
Leak Test Analysis Performed by: Andy Haberman      Leak Test Results Indicate an Activity of: < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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## JENDCO LEAK TEST CERTIFICATE

### Client Information

**Customer Name:** Murray American Energy Corp.      **Contact:** Jeff Webb  
**Address:** Ohio County Prep Plant      **Phone:** 304-233-9128  
RD1 Golden Ridge Rd.      **Fax:** 304-232-2073  
Dallas WV 26036

### Device Information

**Device Serial Number:** 13472      **Source Serial Number:** 37625-12650  
**Device Manufacturer:** Berthold      **Source Manufacturer:** Berthold  
**Device Model:** LB 5441-02-0      **Source Model:** LB 7440-F-CR  
**Location:** 4th Fl Plt #2 "B" Int. HM  
**Radioisotope:** Cs-137      **Activity:** 10 mCi

### Leak Test Information

**Leak Test Performed by:** Steve Ellis      **Leak Test Performed on:** 1/21/2016  
**Leak Test Specimen Number:** J-011561      **Leak Test Analysis Date:** 1/26/2016  
**Leak Test Analysis Performed by:** Andy Haberman      **Leak Test Results Indicate an Activity of:** < 0.005 µCi

### Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

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