

# **SPURLOCK STATION - PEGS HILL LANDFILL**

## **POST-CLOSURE PLAN**

### **SPURLOCK POWER STATION EAST KENTUCKY POWER COOPERATIVE MASON COUNTY, KENTUCKY**

**PERMIT No. 081-00005  
(AI No. 3004)**

**JULY 3, 2023**

**PROJECT No. 2015070**

**KENVIRONS, INC.  
770 WILKINSON BLVD.  
FRANKFORT, KY 40601**



CERTIFICATION

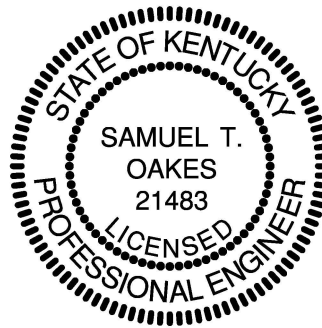
EAST KENTUCKY POWER COOPERATIVE  
SPURLOCK STATION – PEG’S HILL LANDFILL  
POST-CLOSURE PLAN

CERTIFICATION

I HEREBY CERTIFY THAT THIS SPURLOCK STATION – PEG’S HILL LANDFILL POST-CLOSURE PLAN WAS PREPARED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES, AND BASED ON MY KNOWLEDGE, INFORMATION, AND BELIEF, THE CONTENT OF THIS SPURLOCK STATION – PEG’S HILL LANDFILL POST-CLOSURE PLAN MEETS THE REQUIREMENTS OF 40 CFR 257.104.



\_\_\_\_\_  
S. Tim Oakes, P.E. [21,483] – Kenvirons



Date: 7/3/2023

**TABLE OF CONTENTS**

1.0 INTRODUCTION ..... 1

2.0 POST-CLOSURE PLAN ..... 2

    2.1 POST-CLOSURE COMPLIANCE ..... 2

    2.2 DESCRIPTION OF POST-CLOSURE ACTIVITIES ..... 2

        2.2.1 GROUNDWATER MONITORING ..... 3

        2.2.2 SITE INSPECTIONS ..... 3

    2.3 POST-CLOSURE CONTACT ..... 3

    2.4 PROPERTY USE DURING POST-CLOSURE CARE PERIOD ..... 3

    2.5 COMPLETION OF POST-CLOSURE CARE ..... 4

3.0 REVISIONS AND AMENDMENTS ..... 4

4.0 RECORD OF REVISIONS AND UPDATES ..... 4

**LIST OF ATTACHMENTS**

APPENDIX A	FINAL GRADING PLAN DRAWINGS
APPENDIX B	POST-CLOSURE COST ESTIMATES
APPENDIX C	POST-CLOSURE CARE ANNUAL INSPECTION CHECKLIST

## 1.0 INTRODUCTION

On April 17, 2015, the Environmental Protection Agency (EPA) issued the final version of the federal Coal Combustion Residual Rule (CCR Rule) to regulate the disposal of coal combustion residual (CCR) materials generated at coal-fired units. The rule will be administered as part of the Resource Conservation and Recovery Act (RCRA, 42 United States Code [U.S.C.] §6901 et seq.), using the Subtitle D approach. East Kentucky Power Cooperative (EKPC) is subject to the CCR Rule and as such must develop a Post-Closure Plan per 40 Code of Federal Regulations (CFR) §257.104. According to §257.104(a), post-closure care is required for all CCR units which are closed by leaving CCR in place. This document serves as EKPC’s Post-Closure Plan for Peg’s Hill Landfill (as defined in §257.53) at Spurlock Station. The Post-Closure Plan must contain the following per §257.104(d)(1):

- A description of post-closure care maintenance activities (and frequency of these activities) including the following:
  - Maintaining the integrity and effectiveness of the final cover system, including making repairs to the final cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and run-off from eroding or otherwise damaging the final cover.
  - Maintaining the groundwater monitoring system and monitoring the groundwater in accordance with the requirements of §257.90 through §257.98.
  - For new CCR Landfills or any lateral expansion of a CCR Landfill, maintaining the integrity and effectiveness of the leachate collection and removal system and operating the leachate collection and removal system in accordance with the requirements of §257.70.
  
- A description of the planned uses of the property during the post-closure period.
  - Post-closure use of the property shall not disturb the integrity of the final cover, liner(s), or any other component of the containment system, or the function of the monitoring system unless necessary to comply with §257.104 or if the owner or operator of the CCR unit demonstrates that the disturbance (including any removal of CCR) will not increase the potential threat to human health or the environment.
  
- The name, address, telephone number, and email address of the person or office to contact about the facility during the post-closure care period.

## **2.0 POST-CLOSURE PLAN**

Spurlock Station (Spurlock) is owned and operated by EKPC. Spurlock is a 1,346 net megawatt (MW) coal-fired power plant located in Mason County, approximately five miles Northwest of Maysville, Kentucky. The Peg’s Hill CCR Landfill (Landfill) is a CCR waste landfill currently in the process of being permitted by the Kentucky Department of Environmental Protection (KDEP Permit No. 081-00005). The Landfill is located on the west side of the plant site. Construction drawings prepared by Kenvirons, Inc., dated 2017, were reviewed along with landfill design documents to gain an understanding of the Landfill design and geometry. The final grading plans included in the design drawings can be found in Appendix A.

This Post-Closure Plan was prepared in accordance with section §257.104 of the Federal CCR Rule. The Landfill will be closed and capped in place as described in the Closure Plan and as permitted within Permit No. 081-00005. Permit drawings for landfill closure were prepared by Kenvirons, Inc. in 2015.

### **2.1 Post-Closure Compliance**

Post-closure maintenance will be as described in Section §257.104(b) of the CCR Rule. This Section includes requirements for maintenance and inspection of the final cover and groundwater monitoring activities for a period of 30 years. The Landfill is a new landfill and is subject to the design criteria under §257.70 for new CCR landfills or lateral expansions of a CCR landfill. Therefore, the Landfill is required to maintain the integrity and effectiveness of the final cover system, including making repairs to the final cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and run-off from eroding or otherwise damaging the final cover. The Landfill is subject to design criteria under §257.70, therefore must maintain the integrity and effectiveness of the leachate collection and removal system through the post closure period.

### **2.2 Description of Post-Closure Activities**

Final cover inspection and maintenance will be conducted for a period of 30 years after the completion of closure of the Landfill. Inspection and maintenance activities will be monitored during annual inspections that will occur throughout the post-closure care period. Inspection activities are discussed further in Section 3.2.2. Groundwater monitoring will occur separate from the annual inspections and will be as described below. If, at the end of the 30-year post-closure care period, the Landfill is operating under an Assessment Monitoring Program in accordance with §257.95, EKPC will continue to conduct post-closure care until the Landfill returns to the Detection Monitoring Program in accordance with §257.95.

### **2.2.1 Groundwater Monitoring**

EKPC will conduct sampling of the Landfill groundwater monitoring network per Section §257.90 through Section §257.98 of the CCR Rule for the entire 30 years of post-closure care. Should any of the sampling activities cause EKPC to enter into an Assessment Monitoring Program at the end of the 30-year post-closure care period, EKPC will continue monitoring the groundwater until they are able to return to a Detection Monitoring Program per Section §257.95. Sampling for compliance with the CCR Rule will be performed according to the Sampling and Analysis Plan (SAP) for groundwater monitoring at the Landfill.

### **2.2.2 Site Inspections**

Site inspections will be performed annually during the post-closure care period to confirm that the integrity and effectiveness of the final cover system is maintained per Section §257.104(b)(1). Maintenance of the final cover will include making repairs to the final cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and run-off from eroding or otherwise damaging the final cover. During the site inspections, EKPC will also inspect groundwater monitoring wells to confirm that they are in accordance with the Groundwater Monitoring Plan. In order to verify these requirements are being met, EKPC will continue annual site inspections through the entirety of the post-closure care period. The annual inspections will include the inspection checklist located in Appendix C.

### **2.3 Post-Closure Contact**

EKPC will designate and list a contact person during the post-closure care period per §257.104 (d)(ii). The following individual will be EKPC’s designated contact person for post-closure care at the Landfill:

Jerry Purvis  
Vice President of Environmental Affairs  
East Kentucky Power Cooperative  
Address 4775 Lexington Road, Winchester, KY 40391  
Phone No. (859) 744-4812  
Email [CCR@ekpc.coop](mailto:CCR@ekpc.coop)

### **2.4 Property Use During Post-Closure Care Period**

The Landfill will be utilized as grassland and wildlife areas during the post-closure care period. The property is located within a secured power plant facility, and will only be accessed during inspection and groundwater monitoring activities.

## 2.5 Completion of Post-Closure Care

No later than 60 days following the completion of the post-closure care period, a notification verifying that post-closure care has been completed will be prepared and placed in the facility’s CCR Operating Record. The notification will include a certification by a qualified professional engineer in the Commonwealth of Kentucky that post-closure care has been completed in accordance with this Post-Closure Plan and the requirements of §257.104.

## 3.0 REVISIONS AND AMENDMENTS

The initial Post-Closure Plan will be placed in the CCR Operating Record no later than the date of the initial receipt of CCR in the CCR unit. The plan will be amended whenever there is a change in operation of the CCR unit that affects the current or planned closure operations. The Post-Closure Plan will be amended 60 days prior to a planned change in operation, or within 60 days following an unplanned change in operation. If a written Post-Closure Plan is revised after closure activities have commenced, the written Post-Closure Plan will be amended no later than 30 days following the triggering event. The initial Post-Closure Plan and any amendment will be certified by a qualified professional engineer in the Commonwealth of Kentucky for meeting the requirements of §257.104 of the CCR Rule. All amendments and revisions will be placed on the CCR public website within 30 days following placement in the facility’s CCR Operating Record. A record of revisions made to this document is included in Section 4.0 of this document.

## 4.0 RECORD OF REVISIONS AND UPDATES

Revision Number	Date	Revisions Made	By Whom
0	06/03/19	Issued for Initial Compliance	Kenvirons, Inc.
1	07/03/23	Issued for Final Compliance	Kenvirons

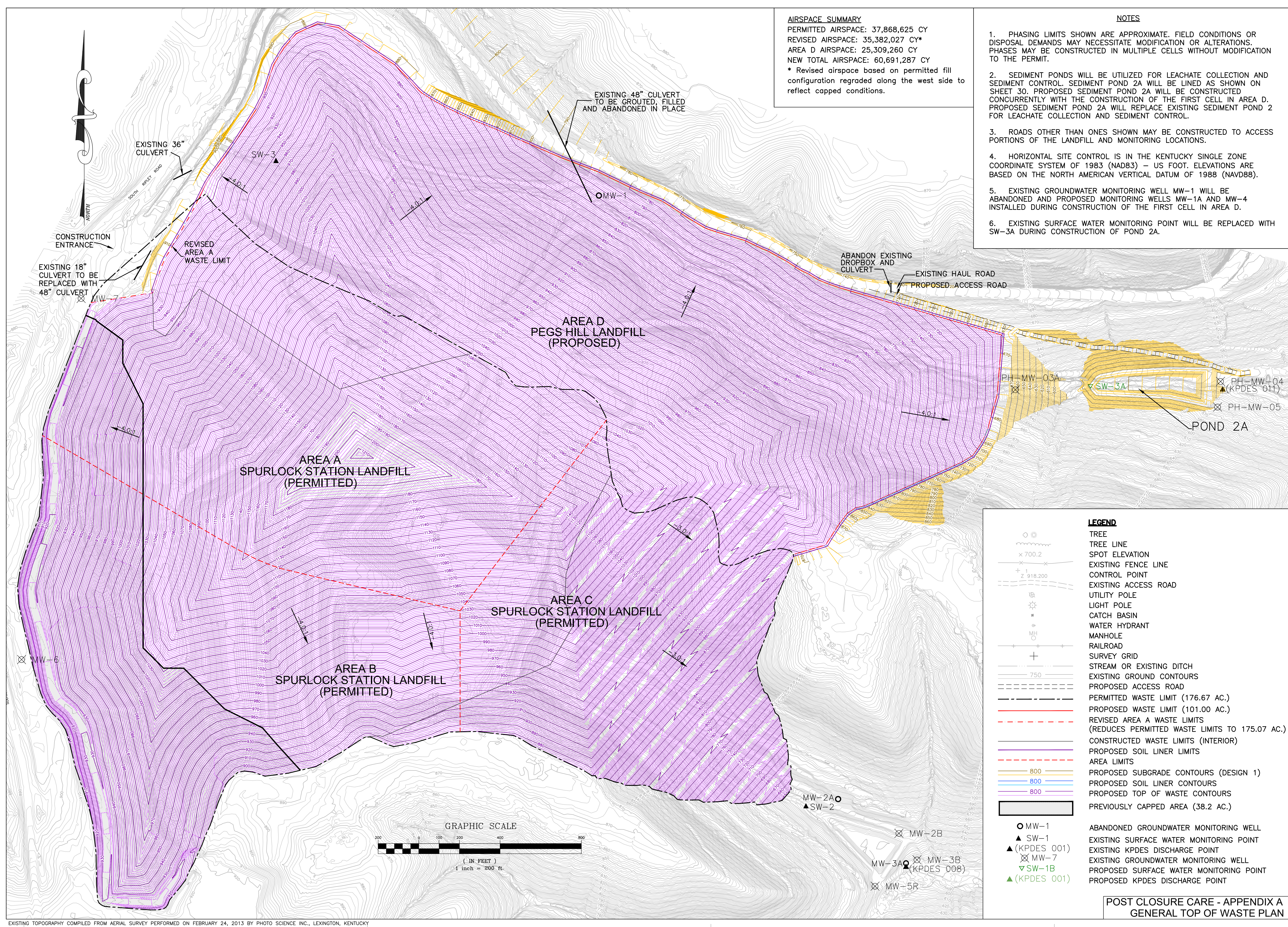


**APPENDIX A**

**FINAL GRADING PLAN DRAWINGS**

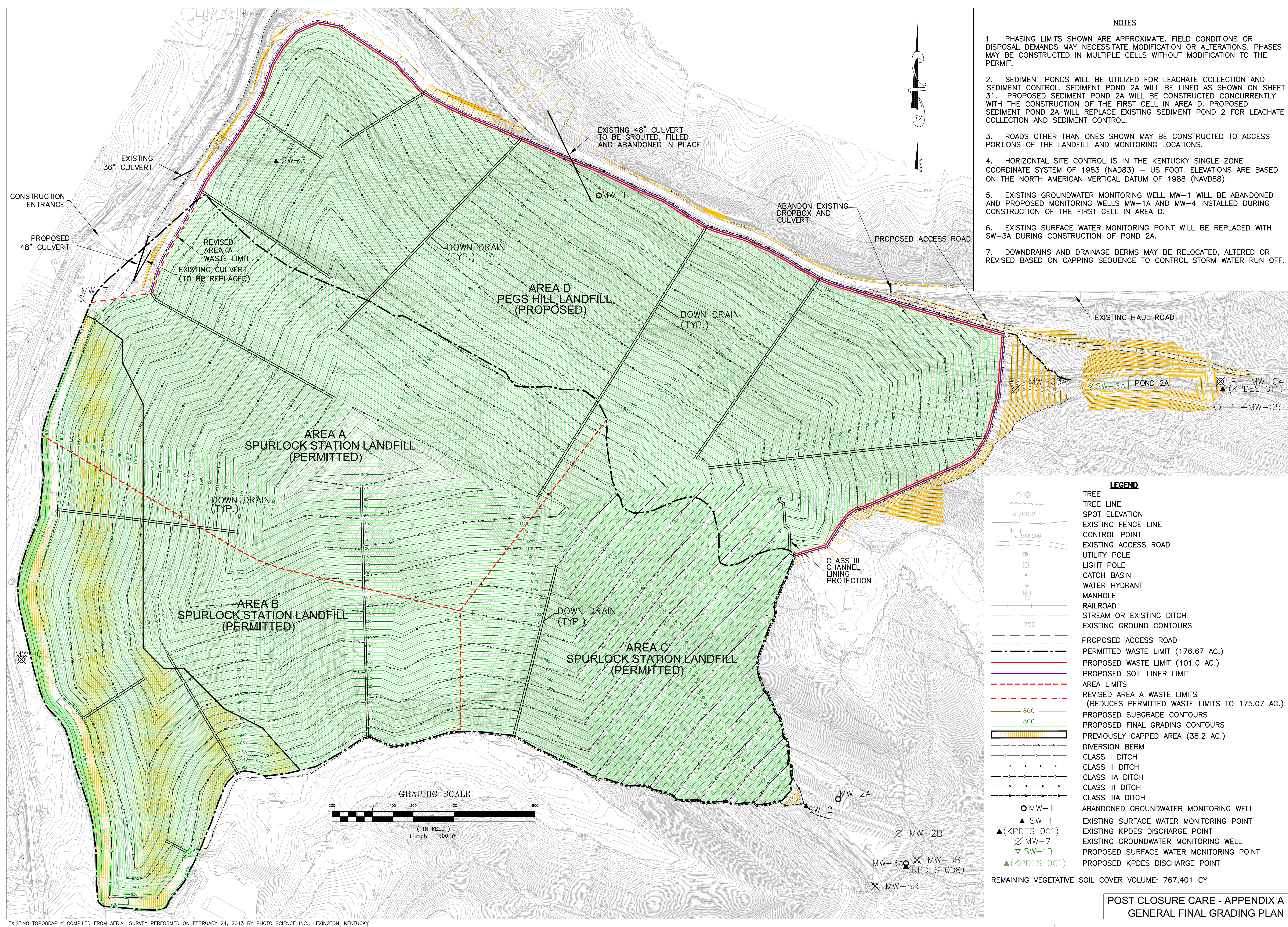
**AIRSPACE SUMMARY**  
 PERMITTED AIRSPACE: 37,868,625 CY  
 REVISED AIRSPACE: 35,382,027 CY\*  
 AREA D AIRSPACE: 25,309,260 CY  
 NEW TOTAL AIRSPACE: 60,691,287 CY  
 \* Revised airspace based on permitted fill configuration regraded along the west side to reflect capped conditions.

- NOTES**
1. PHASING LIMITS SHOWN ARE APPROXIMATE. FIELD CONDITIONS OR DISPOSAL DEMANDS MAY NECESSITATE MODIFICATION OR ALTERATIONS. PHASES MAY BE CONSTRUCTED IN MULTIPLE CELLS WITHOUT MODIFICATION TO THE PERMIT.
  2. SEDIMENT PONDS WILL BE UTILIZED FOR LEACHATE COLLECTION AND SEDIMENT CONTROL. SEDIMENT POND 2A WILL BE LINED AS SHOWN ON SHEET 30. PROPOSED SEDIMENT POND 2A WILL BE CONSTRUCTED CONCURRENTLY WITH THE CONSTRUCTION OF THE FIRST CELL IN AREA D. PROPOSED SEDIMENT POND 2A WILL REPLACE EXISTING SEDIMENT POND 2 FOR LEACHATE COLLECTION AND SEDIMENT CONTROL.
  3. ROADS OTHER THAN ONES SHOWN MAY BE CONSTRUCTED TO ACCESS PORTIONS OF THE LANDFILL AND MONITORING LOCATIONS.
  4. HORIZONTAL SITE CONTROL IS IN THE KENTUCKY SINGLE ZONE COORDINATE SYSTEM OF 1983 (NAD83) - US FOOT. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  5. EXISTING GROUNDWATER MONITORING WELL MW-1 WILL BE ABANDONED AND PROPOSED MONITORING WELLS MW-1A AND MW-4 INSTALLED DURING CONSTRUCTION OF THE FIRST CELL IN AREA D.
  6. EXISTING SURFACE WATER MONITORING POINT WILL BE REPLACED WITH SW-3A DURING CONSTRUCTION OF POND 2A.



- LEGEND**
- TREE
  - TREE LINE
  - SPOT ELEVATION
  - EXISTING FENCE LINE
  - CONTROL POINT
  - EXISTING ACCESS ROAD
  - UTILITY POLE
  - LIGHT POLE
  - CATCH BASIN
  - WATER HYDRANT
  - MANHOLE
  - RAILROAD
  - SURVEY GRID
  - STREAM OR EXISTING DITCH
  - EXISTING GROUND CONTOURS
  - PROPOSED ACCESS ROAD
  - PERMITTED WASTE LIMIT (176.67 AC.)
  - PROPOSED WASTE LIMIT (101.00 AC.)
  - REVISED AREA A WASTE LIMITS (REDUCES PERMITTED WASTE LIMITS TO 175.07 AC.)
  - CONSTRUCTED WASTE LIMITS (INTERIOR)
  - PROPOSED SOIL LINER LIMITS
  - AREA LIMITS
  - PROPOSED SUBGRADE CONTOURS (DESIGN 1)
  - PROPOSED SOIL LINER CONTOURS
  - PROPOSED TOP OF WASTE CONTOURS
  - PREVIOUSLY CAPPED AREA (38.2 AC.)
  - MW-1 ABANDONED GROUNDWATER MONITORING WELL
  - SW-1 EXISTING SURFACE WATER MONITORING POINT
  - (KPDES 001) EXISTING KPDES DISCHARGE POINT
  - MW-7 EXISTING GROUNDWATER MONITORING WELL
  - SW-1B PROPOSED SURFACE WATER MONITORING POINT
  - (KPDES 001) PROPOSED KPDES DISCHARGE POINT

EXISTING TOPOGRAPHY COMPILED FROM AERIAL SURVEY PERFORMED ON FEBRUARY 24, 2013 BY PHOTO SCIENCE INC., LEXINGTON, KENTUCKY



- NOTES**
1. PHASING LIMITS SHOWN ARE APPROXIMATE. FIELD CONDITIONS OR DISPOSAL DEMANDS MAY NECESSITATE MODIFICATION OR ALTERATIONS. PHASES MAY BE CONSTRUCTED IN MULTIPLE CELLS WITHOUT MODIFICATION TO THE PERMIT.
  2. SEDIMENT PONDS WILL BE UTILIZED FOR LEACHATE COLLECTION AND SEDIMENT CONTROL. SEDIMENT POND 2A WILL BE LINED AS SHOWN ON SHEET 31. PROPOSED SEDIMENT POND 2A WILL BE CONSTRUCTED CONCURRENTLY WITH THE CONSTRUCTION OF THE FIRST CELL IN AREA D. PROPOSED SEDIMENT POND 2A WILL REPLACE EXISTING SEDIMENT POND 2 FOR LEACHATE COLLECTION AND SEDIMENT CONTROL.
  3. ROADS OTHER THAN ONES SHOWN MAY BE CONSTRUCTED TO ACCESS PORTIONS OF THE LANDFILL AND MONITORING LOCATIONS.
  4. HORIZONTAL SITE CONTROL IS IN THE KENTUCKY SINGLE ZONE COORDINATE SYSTEM OF 1983 (NAD83) - US FOOT. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  5. EXISTING GROUNDWATER MONITORING WELL MW-1 WILL BE ABANDONED AND PROPOSED MONITORING WELLS MW-1A AND MW-4 INSTALLED DURING CONSTRUCTION OF THE FIRST CELL IN AREA D.
  6. EXISTING SURFACE WATER MONITORING POINT WILL BE REPLACED WITH SW-3A DURING CONSTRUCTION OF POND 2A.
  7. DOWNDRAINS AND DRAINAGE BERMS MAY BE RELOCATED, ALTERED OR REVISED BASED ON CAPPING SEQUENCE TO CONTROL STORM WATER RUN OFF.

**LEGEND**

- TREE
- TREE LINE
- × SPOT ELEVATION
- EXISTING FENCE LINE
- ⊕ CONTROL POINT
- EXISTING ACCESS ROAD
- UTILITY POLE
- LIGHT POLE
- CATCH BASIN
- WATER HYDRANT
- MANHOLE
- RAILROAD
- STREAM OR EXISTING DITCH
- EXISTING GROUND CONTOURS
- PROPOSED ACCESS ROAD
- PERMITTED WASTE LIMIT (176.67 AC.)
- PROPOSED WASTE LIMIT (101.0 AC.)
- PROPOSED SOIL LINER LIMIT
- AREA LIMITS
- REVISED AREA A WASTE LIMITS (REDUCES PERMITTED WASTE LIMITS TO 175.07 AC.)
- PROPOSED SUBGRADE CONTOURS
- PROPOSED FINAL GRADING CONTOURS
- PREVIOUSLY CAPPED AREA (38.2 AC.)
- DIVERSION BERM
- CLASS I DITCH
- CLASS II DITCH
- CLASS IIIA DITCH
- CLASS III DITCH
- CLASS IIIIA DITCH
- MW-1 ABANDONED GROUNDWATER MONITORING WELL
- ▲ SW-1 EXISTING SURFACE WATER MONITORING POINT
- ▲ (KPDES 001) EXISTING KPDES DISCHARGE POINT
- ⊗ MW-7 EXISTING GROUNDWATER MONITORING WELL
- ▼ SW-1B PROPOSED SURFACE WATER MONITORING POINT
- ▲ (KPDES 001) PROPOSED KPDES DISCHARGE POINT

REMAINING VEGETATIVE SOIL COVER VOLUME: 767,401 CY

**POST CLOSURE CARE - APPENDIX A  
GENERAL FINAL GRADING PLAN**

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EXISTING TOPOGRAPHY COMPILED FROM AERIAL SURVEY PERFORMED ON FEBRUARY 24, 2013 BY PHOTO SCIENCE INC., LEXINGTON, KENTUCKY

**APPENDIX B**

**POST CLOSURE COST ESTIMATES**

**PEGS HILL LANDFILL**  
**2023 POST-CLOSURE CARE ESTIMATE**

The following is a breakdown of the Post-Closure Care Estimate. This estimate assumes that final grades over a 101.0 acre closure area have been achieved and that the landfill has implemented the closure plan. The post-closure care period will be for a minimum of thirty (30) years.

1. Groundwater Monitoring (CCR Wells)	\$501,000.00
2. Surface Water Monitoring	45,000.00
3. Leachate System Maintenance	75,000.00
4. Cover System Maintenance	1,073,903.00
5. Erosion and Sediment Control	260,163.00
6. Engineering Inspections	249,720.00
7. Access Road Maintenance	<u>86,941.00</u>
<b>Total Post-Closure Care Costs</b>	<b>\$2,291,728.00</b>

Notes:

1. Estimate assumes the sediment ponds will be removed and the KPDES permit terminated after the 5th year of post closure care when sediment controls are no longer needed and leachate generation has ceased.
2. Estimate is based upon the expectation that the CCR units will perform under state and federal regulations and does not include remediation costs.
3. Estimate is based on current regulatory requirements and assumes there will be no additional changes to environmental law.



**Pegs Hill Landfill**  
**Post Closure Care Cost Estimate - Backup**  
**2023**

POST CLOSURE CARE PERIOD (CCR)	<u>30</u>	Years
AREA REQUIRING CLOSURE CARE	<u>101</u>	Acres

**GROUNDWATER MONITORING (CCR)**

**Sampling and Analysis Costs**

Number of Groundwater Monitoring Wells	<u>5</u>	
Cost to Sample & Analyze Each Well	<u>\$860.00</u>	See Note 1
Monitoring Events Per Year	<u>2</u>	
Cost	<u>\$258,000</u>	

**Statistical Analysis Costs**

Cost Per Statistical Analysis	<u>\$3,500</u>	See Note 4
Monitoring Events Per Year	<u>2</u>	
Cost	<u>\$210,000</u>	

**Groundwater Monitoring System Maintenance**

Number of Groundwater Monitoring Wells	<u>5</u>	
Cost to Maintain Each Well	<u>\$220</u>	
Cost	<u>\$33,000</u>	

**SUBTOTAL** **\$501,000**

## **SURFACE WATER MONITORING**

### **Surface Water (KPDES)**

Number of Surface Water Monitoring Points	1	
Cost to Sample & Analyze Each Point	\$750	
Monitoring Events Per Year	12	
Cost (5 yrs)	\$45,000	See Note 7

**SUBTOTAL** **\$45,000**

## **LEACHATE MANAGEMENT**

### **Leachate Collection System Maintenance**

Acres Closed	101	
Maintenance Cost Per Acre Per Year	\$24.75	See Note 5
Cost	\$75,000	

### **Leachate Disposal**

Acres Closed	101	
Cap-Specific Generation Rate from HELP Model (Annual rate - gallons per acre per year)	0	See Note 6
Current Per Gallon Cost for Leachate Disposal	\$0.12	
Cost	\$0	

### **Leachate Testing**

Cost Per Monitoring Event	\$0.00	N/A
Monitoring Events Per Year	11	
Cost	\$0	

**SUBTOTAL** **\$75,000**

## COVER SYSTEM MAINTENANCE

### Cap Repairs

Closure Construction Cost	<u>\$6,934,060</u>	See Note 2
Expected Cap Repairs (5% of Closure Cost)	<u>\$346,703.00</u>	

### Mowing

Acreage Requiring Mowing	<u>101</u>	
Cost Per Acre for Mowing	<u>\$120</u>	
Number of Times Per Year Mowing is Performed	<u>2</u>	
Cost	<u>\$727,200</u>	

**SUBTOTAL** \$1,073,903

## EROSION AND SEDIMENT CONTROL

### Sediment Ponds

Number of Sediment Ponds at Facility	<u>1</u>	
Cost for Cleaning Sediment Pond	<u>\$70,000</u>	
Times Each Pond Requires Cleaning in Post Closure Period	<u>3</u>	See Note 7
Cost	<u>\$210,000</u>	

### Ditch Maintenance

Total Length of Ditches in Place at Closure	<u>7,838</u>	See Note 3
Cost	<u>\$50,163</u>	

**SUBTOTAL** \$260,163



## ENGINEERING INSPECTIONS

Number of Engineering Inspections Per Year	4
Cost per inspection	\$2,081
Cost	\$249,720
<b>SUBTOTAL</b>	<b>\$249,720</b>

## ACCESS ROAD MAINTENANCE

Annual Cost of Road Maintenance	\$2,898
Cost	\$86,941
<b>SUBTOTAL</b>	<b>\$86,941</b>

**GRAND TOTAL** **\$2,291,728**

### Notes

1. Cost to monitor each well includes one duplicate and one field blank sample
2. Based on Cap Construction only, excludes borrow areas, design and miscellaneous costs.
3. Based on perimeter length of constructed waste area plus ditches to sediment ponds.
4. Based on \$700/well.
5. Cleanout Maint. (\$11,550.00/5 year interval)
6. No leachate disposal cost is included. Leachate is permitted for discharge via KPDES discharge permit.
7. Assumes ponds can be removed following the 5th year of post closure when sediment controls will no longer be needed and leachate generation has ceased.

## **APPENDIX C**

### **POST-CLOSURE CARE ANNUAL INSPECTION CHECKLIST**

**Spurlock Station CCR Landfill  
Post-Closure Care  
Annual Inspection Checklist Form**

Facility Name:	
CCR Landfill Name / Designation #:	
Date of Inspection:	
Weather Conditions:	
Name of Qualified Inspector (performing inspection):	
Signature:	

Area	Condition Items	YES	NO	MONITOR *	Inspector Observations and Photo Number(s)
Landfill	Surface Cracking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Misalignment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Displacements (also referred to as slides, slumps, slips and sloughs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Animal Burrows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Slope Erosion (final cover)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Seepage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Leachate Collection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Lacking Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

\* Indicates condition to be monitored by inspector but no action is required at this time

**Spurlock Station CCR Landfill  
Post-Closure Care  
Annual Inspection Checklist Form**

Area	Condition Items	YES	NO	MONITOR *	Inspector Observations and Photo Number(s)
Landfill (Continued)	Liner Distress/Cracks/Holes (If Liner is Exposed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inadequate Slope Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Woody Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Settlement (or depressions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Vandalism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (Describe)				

\* Indicates condition to be monitored by inspector but no action is required at this time

**Spurlock Station CCR Landfill  
Post-Closure Care  
Annual Inspection Checklist Form**

Area	Condition Items	YES	NO	MONITOR *	Inspector Observations and Photo Number(s)
Drainage Channels	Signs of Piping and Other Internal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Animal Burrows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Woody Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Seepage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inadequate Slope Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Movement or Structural Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Abnormal Discharge Discoloration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge of Sediment or Debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Channel Lining or Stone Cover Not Intact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge Pipe Damaged or Requiring Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Outlet/Overflow Structure Require Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (Describe)				

\* Indicates condition to be monitored by inspector but no action is required at this time

**Spurlock Station CCR Landfill  
Post-Closure Care  
Annual Inspection Checklist Form**

Area	Condition Items	YES	NO	MONITOR *	Inspector Observations and Photo Number(s)
Sediment Pond 1 (KPDES Outfall Structure 008)	Signs of Piping and Other Internal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Animal Burrows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Woody Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Seepage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inadequate Slope Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Movement or Structural Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Abnormal Discharge Discoloration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge of Sediment or Debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Stone Cover Not Intact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge Pipe Damaged or Requiring Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Outlet/Overflow Structure Require Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (Describe)				

\* Indicates condition to be monitored by inspector but no action is required at this time

**Spurlock Station CCR Landfill  
Post-Closure Care  
Annual Inspection Checklist Form**

Area	Condition Items	YES	NO	MONITOR *	Inspector Observations and Photo Number(s)
Sediment Pond 2A (KPDES Outfall Structure 011)	Signs of Piping and Other Internal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Animal Burrows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Woody Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Seepage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inadequate Slope Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Signs of Movement or Structural Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Abnormal Discharge Discoloration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge of Sediment or Debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Stone Cover Not Intact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Discharge Pipe Damaged or Requiring Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Outlet/Overflow Structure Require Remedial Action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (Describe)				

\* Indicates condition to be monitored by inspector but no action is required at this time

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		YES	NO
1.	<p>Per observation of the above items, are there remedial actions that need to take place. If yes, discuss below and attach photos:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/>	<input type="checkbox"/>
2.	<p>Per observations at time of inspection, are there conditions that would impede performing the recommended remedial actions or conditions that performing immediate remedial action could result in damage to the unit (i.e. adverse weather conditions/wet periods/etc.). If yes, discuss below and attach photos:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/>	<input type="checkbox"/>
3.	<p>Other concerns or comments:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/>	<input type="checkbox"/>

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