

**HARDIN COUNTY FISCAL COURT  
RESOLUTION NO. 2016-068**

**BE IT RESOLVED**, upon recommendation of Judge/Executive Harry L. Berry, with the concurrence of the Solid Waste Committee to approve the following Tetra Tech Work Orders:

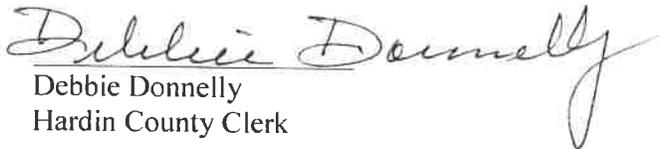
Work Order 15	General Consultation	Pearl Hollow and Springfield Road
Work Order 16	Environmental Monitoring	Pearl Hollow and Springfield Road
Work Order 17	Waste Density Surveys	Pearl Hollow
Work Order 18	Landfill Development Phase 3B	Pearl Hollow
Work Order 19	Air Quality Issues	Pearl Hollow

**BE IT FURTHER RESOLVED**, to authorize the Judge/Executive to negotiate and execute any documents related to the above work orders.

**ADOPTED**, by Hardin County Fiscal Court in its regular meeting on 24 May, 2016.

  
\_\_\_\_\_  
Harry L. Berry  
Hardin County Judge/Executive

ATTEST

  
Debbie Donnelly  
Hardin County Clerk



**WORK ORDER NO. 15  
AS ATTACHMENT A UNDER  
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-344-01-12 FOR  
ENGINEERING SERVICES DATED JANUARY 1, 2012**

	<b>CONSULTANT</b>	<b>CLIENT</b>
Name	<u>Tetra Tech, Inc.</u>	<u>Hardin County Fiscal Court</u>
Street Address	<u>424 Lewis Hargett Circle, Suite 110</u>	<u>150 North Provident Way</u>
City, State, Zip	<u>Lexington, Kentucky 40503</u>	<u>Elizabethtown, Kentucky 42701</u>
Contact Person	<u>Chris Hale</u>	<u>James E. Roberts</u>
Telephone	<u>859.223.8000</u>	<u>270.765.2350</u>
Fax	<u>859.224.1025</u>	<u>270.737.5540</u>
E-Mail	<u><a href="mailto:chris.hale@tetratech.com">chris.hale@tetratech.com</a></u>	<u><a href="mailto:jroberts.hcgo@hcky.org">jroberts.hcgo@hcky.org</a></u>

**Date Work Order Prepared:** May 4, 2016

**Project Identification: Name:** General Consultation

**Tt Project No:** TBD      **Location:** Hardin County, Kentucky

**SCOPE OF WORK**

Consultant will provide general consulting services including but not limited to preparing quarterly reports, assisting with groundwater and surface water issues, interfacing with Federal and State environmental regulatory agencies, interfacing with landfill's waste management and electrical generating facility operators, coordinating maintenance and repair activities for methane gas collection system, and performing other tasks as assigned.

**SCHEDULE OF WORK** (attach sheet if necessary to describe)

Consultant will perform the above-referenced work on an as-needed basis commencing July 1, 2016, and continuing through June 30, 2017.

**FEE**

Consultant will perform the scope of work outlined above on a time and expense basis with charges for services billed according to the fee schedule in effect at the time the work is performed. The estimated fee for Consultant's services is \$220,650.

**ACCEPTED BY:**

  
\_\_\_\_\_  
Consultant's Authorized Signature

Herbert R. Lemaster, P.E.  
Senior Project Manager

**AUTHORIZED BY:**

  
\_\_\_\_\_  
Client's Authorized Signature  
Harry L. Berry

Printed Name  
Hardin County Judge/Executive

Title  
May 24, 2016

Date Executed

*Two originals of this work order shall be executed by the Client and returned to Tetra Tech, Inc. A fully executed copy will be returned to the Client.*



**WORK ORDER NO. 16  
AS ATTACHMENT A UNDER  
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-WOC344-01-12 FOR  
ENGINEERING SERVICES DATED JANUARY 1, 2012**

	CONSULTANT	CLIENT
Name	<u>Tetra Tech, Inc.</u>	<u>Hardin County Fiscal Court</u>
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Fax	<u>859.224.1025</u>	<u>270.737.5590</u>
E-Mail	<u><a href="mailto:chris.hale@tetrattech.com">chris.hale@tetrattech.com</a></u>	<u><a href="mailto:jroberts.hcgo@hcky.org">jroberts.hcgo@hcky.org</a></u>

**Date Work Order Prepared:** May 4, 2016

**Project Identification:** **Name:** Environmental Monitoring

**Tt Project No:** TBD **Location:** Hardin County, Kentucky

**SCOPE OF WORK**

Consultant will perform services outlined in Implementation and Management of Environmental Monitoring Programs, dated June 14, 2004, and as modified by various permit modifications. These services include:

- Field collection of groundwater samples at the Pearl Hollow landfill, and surface water and leachate samples at the Pearl Hollow and Springfield Road landfills
- Laboratory analyses of samples
- Statistical Analyses of Groundwater data
- Associated reports required by Division of Waste Management and Division of Water
- Data review for compliance and the need for re-sampling

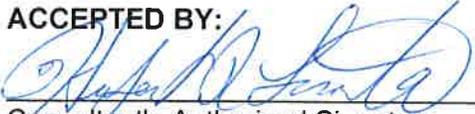
**SCHEDULE OF WORK** (attach sheet if necessary to describe)

Consultant will perform the above-referenced work on an as-needed basis commencing July 1, 2016, and continuing through June 30, 2017.

**FEE**

Consultant will perform the scope of work outlined above for a lump sum fee of \$94,500. Monthly invoices will be prepared for the percentage of work completed.

**ACCEPTED BY:**

  
\_\_\_\_\_  
Consultant's Authorized Signature

Herbert R. Lemaster, P.E.  
Senior Project Manager

**AUTHORIZED BY:**

  
\_\_\_\_\_  
Client's Authorized Signature  
Harry L. Berry

Printed Name  
Hardin County Judge/Executive

Title  
May 24, 2016

\_\_\_\_\_  
Date Executed

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**WORK ORDER NO. 17  
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Date Work Order Prepared: May 4, 2016

Project Identification: Name: Waste Density Surveys

Tt Project No: TBD Location: Hardin County, Kentucky

**SCOPE OF WORK**

Based on aerial mapping, to be conducted in early January, the Consultant will determine the waste density achieved by the landfill operator during the previous calendar year. Using the same aerial mapping, the Consultant will prepare the annual volume survey in accordance with the requirements of the Kentucky Division of Waste Management's regulatory requirement for an annual survey.

**SCHEDULE OF WORK** (attach sheet if necessary to describe)

Consultant will perform the above-referenced work on an as-needed basis commencing July 1, 2016, and continuing through June 30, 2017.

**FEE**

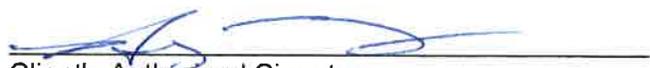
Consultant will perform the scope of work outlined above on a time and expense basis with charges for our services billed according to the fee schedule in effect at the time the work is performed. The estimated fee for Consultant's services is \$17,625.

**ACCEPTED BY:**

  
\_\_\_\_\_  
Consultant's Authorized Signature

Herbert R. Lemaster, P.E.  
Senior Project Manager

**AUTHORIZED BY:**

  
\_\_\_\_\_  
Client's Authorized Signature  
Harry L. Berry

Printed Name  
Hardin County Judge/Executive

Title  
May 24, 2016

Date Executed

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**WORK ORDER NO. 18  
AS ATTACHMENT A UNDER  
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-344-01-12 FOR  
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E-Mail	<u><a href="mailto:chris.hale@tetrattech.com">chris.hale@tetrattech.com</a></u>	<u><a href="mailto:jroberts.hcgo@hcky.org">jroberts.hcgo@hcky.org</a></u>

**Date Work Order Prepared:** May 4, 2016

**Project Identification: Name:** Hardin County Landfill Development - Phase 3B Quality Assurance

**Tt Project No:** TBD      **Location:** Pearl Hollow, Hardin County, Kentucky

**SCOPE OF WORK**

- Consultant will:
1. Conduct necessary laboratory tests to confirm that liner components meet the requirements of the specifications.
  2. Provide resident inspection of the construction activities.
  3. Provide necessary quality assurance to certify construction to the Kentucky Division of Waste Management (KDWM).
  4. Provide construction administration services to include review of contractor's pay applications, interpretation of specifications, approval of any required field changes, and approval of requests for the use of alternate materials.
  5. Prepare final certification document and submit to the KDWM for review.

**SCHEDULE OF WORK** (attach sheet if necessary to describe)

Consultant will commence work upon beginning of construction and will complete the work by August 10, 2017. Completion of these construction related services are dependent upon the contractor's schedule and progress.

**FEE**

Consultant will perform the scope of work outlined above on a fixed fee basis. The fee for Consultant's services is \$263,500. Monthly invoices will be prepared for the percentage of work completed. This fee amount is predicated on an 14-month construction schedule. A construction schedule exceeding 14 months will necessitate a revision in the scope of work.

**ACCEPTED BY:**

  
\_\_\_\_\_  
Consultant's Authorized Signature

Herbert R. Lemaster, P.E.  
Senior Project Manager

**AUTHORIZED BY:**

  
\_\_\_\_\_  
Client's Authorized Signature  
Harry L. Berry

Printed Name  
Hardin County Judge/Executive

Title  
May 24, 2016

Date Executed

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**WORK ORDER NO. 19  
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E-Mail	<u><a href="mailto:chris.hale@tetrattech.com">chris.hale@tetrattech.com</a></u>	<u><a href="mailto:jroberts.hcgo@hcky.org">jroberts.hcgo@hcky.org</a></u>

**Date Work Order Prepared:** May 4, 2016

**Project Identification: Name:** Air Quality Issues

**Tt Project No:** TBD      **Location:** Hardin County, Kentucky

**SCOPE OF WORK**

Consultant will complete: Quarterly TitleV surface scans; monthly data compilation; annual NMOC calculations with LandGem; annual DEP 7007CC reporting; semi-annual/annual NSPS reporting; annual EGGRT greenhouse gas reporting; annual KYEIS emissions reporting; and semi-annual DOA monitoring compliance report.

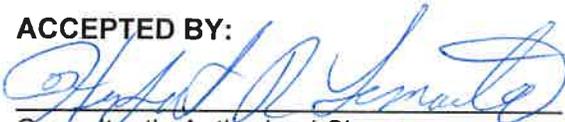
**SCHEDULE OF WORK** (attach sheet if necessary to describe)

Consultant will perform the above-referenced work on an as-needed basis commencing July 1, 2016, and continuing through June 30, 2017.

**FEE**

Consultant will perform the scope of work outlined above for a lump sum fee of \$39,500. Monthly invoices will be prepared for the percentage of work completed.

**ACCEPTED BY:**

  
\_\_\_\_\_  
Consultant's Authorized Signature

Herbert R. Lemaster, P.E.  
Senior Project Manager

**AUTHORIZED BY:**

  
\_\_\_\_\_  
Client's Authorized Signature  
Harry L. Berry

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Printed Name  
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