

**HARDIN COUNTY FISCAL COURT
RESOLUTION NO. 2015-077**

BE IT RESOLVED, upon recommendation of Judge/Executive Harry L. Berry, to approve the following Tetra Tech Work Orders:

Work Order 11	General Consultation	Pearl Hollow and Springfield Road
Work Order 12	Environmental Monitoring	Pearl Hollow and Springfield Road
Work Order 13	Waste Density Surveys	Pearl Hollow
Work Order 14	Design Modifications to Phase 3B/4B	Pearl Hollow

ADOPTED, by Hardin County Fiscal Court in its regular meeting on 12 May, 2015.



Harry L. Berry
Hardin County Judge/Executive

ATTEST



Debbie Donnelly
Hardin County Clerk



**WORK ORDER NO. 14
AS ATTACHMENT A UNDER
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-344-01-12 FOR
ENGINEERING SERVICES DATED JANUARY 1, 2012**

	CONSULTANT	CLIENT
Name	<u>Tetra Tech, Inc.</u>	<u>Hardin County Fiscal Court</u>
Street Address	<u>800 Corporate Drive, Suite 200</u>	<u>P.O. Box 568</u>
City, State, Zip	<u>Lexington, Kentucky 40503</u>	<u>Elizabethtown, Kentucky 42702-0568</u>
Contact Person	<u>Roger Blair, P.E., BCEE</u>	<u>James C. Roberts</u>
Telephone	<u>859.223.8000</u>	<u>270.765.2350</u>
Fax	<u>859.224.1025</u>	<u>270.737.5590</u>
E-Mail	<u>roger.blair@tetrattech.com</u>	<u>jroberts.hcgo@hcky.org</u>

Date Work Order Prepared: April 10, 2015

Project Identification: Name: Design Modification to Phase 3B/4B

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

SCOPE OF WORK

Consultant will modify "on-the-shelf" design of Phase 3B/4B of Pearl Hollow Landfill to resolve topography, material, specification, and permit changes. The final work product will be plans and specifications suitable for construction bidding. Base Mapping from the January 2015 aerial survey will be used as the basis for the modified design.

SCHEDULE OF WORK (attach sheet if necessary to describe)

Consultant will perform the above-referenced work on an as-needed basis commencing July 1, 2015, and continuing through June 30, 2016.

FEE

Consultant will perform the scope of work outlined above for a lump sum fee of \$61,500. 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 12, 2015
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. 13
AS ATTACHMENT A UNDER
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-344-01-12 FOR
ENGINEERING SERVICES DATED JANUARY 1, 2012**

CONSULTANT

CLIENT

Name	<u>Tetra Tech, Inc.</u>	<u>Hardin County Fiscal Court</u>
Street Address	<u>800 Corporate Drive, Suite 200</u>	<u>P.O. Box 568</u>
City, State, Zip	<u>Lexington, Kentucky 40503</u>	<u>Elizabethtown, Kentucky 42702-0568</u>
Contact Person	<u>Roger Blair, P.E., BCEE</u>	<u>James C. Roberts</u>
Telephone	<u>859.223.8000</u>	<u>270.765.2350</u>
Fax	<u>859.224.1025</u>	<u>270.737.5590</u>
E-Mail	<u>roger.blair@tetrattech.com</u>	<u>jroberts.hcgo@hcky.org</u>

Date Work Order Prepared: April 10, 2015

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, 2015, and continuing through June 30, 2016.

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 \$17,500.

ACCEPTED BY:

AUTHORIZED BY:

Consultant's Authorized Signature

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



Client's Authorized Signature

Harry L. Berry

Printed Name
Hardin County Judge/Executive

Title
May 12, 2015

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. 12
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>
Street Address	<u>800 Corporate Drive, Suite 200</u>	<u>P.O. Box 568</u>
City, State, Zip	<u>Lexington, Kentucky 40503</u>	<u>Elizabethtown, Kentucky 42702-0568</u>
Contact Person	<u>Roger Blair, P.E., BCEE</u>	<u>James C. Roberts</u>
Telephone	<u>859.223.8000</u>	<u>270.765.2350</u>
Fax	<u>859.224.1025</u>	<u>270.737.5590</u>
E-Mail	<u>roger.blair@tetrattech.com</u>	<u>iroberts.hcgo@hcky.org</u>

Date Work Order Prepared: April 10, 2015

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, 2015, and continuing through June 30, 2016.

FEE

Consultant will perform the scope of work outlined above for a lump sum fee of \$93,800. Monthly invoices will be prepared for the percentage of work completed.

ACCEPTED BY:

AUTHORIZED BY:

Consultant's Authorized Signature

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



Client's Authorized Signature
Harry L. Berry

Printed Name
Hardin County Judge/Executive

Title
May 12, 2015

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. 11
AS ATTACHMENT A UNDER
TETRA TECH PROFESSIONAL SERVICES AGREEMENT NO. A-344-01-12 FOR
ENGINEERING SERVICES DATED JANUARY 1, 2012**

CONSULTANT

CLIENT

Name	<u>Tetra Tech, Inc.</u>	<u>Hardin County Fiscal Court</u>
Street Address	<u>424 Lewis Hargett Circle, Suite 110</u>	<u>P.O. Box 568</u>
City, State, Zip	<u>Lexington, Kentucky 40503</u>	<u>Elizabethtown, Kentucky 42702-0568</u>
Contact Person	<u>Roger Blair, P.E., BCEE</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>roger.blair@tetrattech.com</u>	<u>jroberts.hcgo@hcky.org</u>

Date Work Order Prepared: April 10, 2015

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 air pollution related issues, 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, 2015, and continuing through June 30, 2016.

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 \$219,100.

ACCEPTED BY:

AUTHORIZED BY:

Consultant's Authorized Signature

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



Client's Authorized Signature

Harry L. Berry

Printed Name
Hardin County Judge/Executive

Title

May 12, 2015

Date Executed

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