

BRUCE E. SMITH LAW OFFICES, PLLC

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NICHOLASVILLE, KENTUCKY 40356

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BRUCE E. SMITH  
bruce@smithlawoffice.net

January 2, 2013

RECEIVED

JAN 02 2013

PUBLIC SERVICE  
COMMISSION

**VIA HAND DELIVERY**


Mr. Jeff R. Derouen  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40602

Re: **Case No. 2012-00470**

Dear Mr. Derouen:

Enclosed for filing are an original and four (4) copies of my client's **Responses to Intervenor's Supplemental Requests for Information.**

Sincerely,



Bruce E. Smith

Enclosures

g:\...\JSEWD\Forest Hills\Cert. Proceeding - Catnip Hill Tank\Derouen ltr 010213

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

JAN 02 2013

PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF JESSAMINE-SOUTH ELKHORN )  
WATER DISTRICT FOR A CERTIFICATE OF )  
PUBLIC CONVENIENCE AND NECESSITY TO )  
CONSTRUCT AND FINANCE A WATERWORKS )  
IMPROVEMENTS PROJECT PURSUANT TO KRS )  
278.020 AND 278.300 )

CASE NO 2012-00470

JESSAMINE-SOUTH ELKHORN WATER DISTRICT'S RESPONSES TO FOREST HILLS RESIDENTS' ASSOCIATION, INC. AND WILLIAM BATES' SUPPLEMENTAL REQUESTS FOR INFORMATION

Comes the Jessamine-South Elkhorn Water District ("Water District"), by counsel, and for its Responses to the Supplemental Requests for Information from the Forest Hills Residents' Association, Inc. and William Bates (collectively "Forest Hills", or "Residents' Association"), answer as follows:

The Water District has not completed its investigation, discovery or analysis of all the facts of this case and has not completed preparation for the hearing. Accordingly, all of the following responses are provided without prejudice to its right to introduce at the hearing any evidence that is subsequently discovered relating to the proof of subsequently discovered material facts. Moreover, facts, documents and things now known may be imperfectly understood and, accordingly, such facts, documents, and things may not be included in the following responses. The Water District reserves the right to reference, discover, or offer into evidence at the time of hearing any and all facts, documents and things notwithstanding the initial responses and objections interposed herein. The Water District also reserves the right to reference, discover, or offer into evidence at the time of hearing any and all facts, documents,

and things that it does not presently recall but may recall at some time in the future.

## **GENERAL OBJECTIONS**

1. The Water District objects to Forest Hills' Requests on the grounds that it seeks disclosure of information protected by the attorney-client, work product, and any other applicable privileges. To the extent that The Water District inadvertently discloses information that may arguably be protected from discovery under attorney-client privilege, the work product doctrine, or any other applicable privilege, such inadvertent disclosure does not constitute a waiver of any such privilege.

2. The Water District objects to Forest Hills' Requests insofar as they seek information concerning matters unrelated to the subject matter of this Proceeding, on the grounds that they are overly broad, unduly burdensome, and seek information that is neither relevant to the subject matter of this Complaint nor reasonably calculated to lead to discovery of admissible evidence.

3. The Water District objects to Forest Hills' Requests insofar as they seek confidential proprietary and/or trade secret information of The Water District that, if disclosed, could irreparably harm The Water District. Accordingly, The Water District objects to producing any such information absent entry of an appropriate Protective Order.

4. The Water District objects to Forest Hills' Requests on the grounds that they are not limited in time frame and are overly broad and unduly burdensome because they are more than inclusive of the time period at issue at this case.

5. The Water District objects to Forest Hills' Requests to the extent that they call for information or documents that are not currently in the Water District's possession, custody or control.

6. The responses set forth below are made without in any manner waiving (1) the right to object to the use of any response for any purpose, in this proceeding or any other action, on the grounds of privilege, relevance, materiality, or any other appropriate grounds; (2) the right to object to any other documents requests involving or relating to the subject matter of the responses herein; and (3) the right to revise, correct, supplement or clarify any of the responses provided below, at any time.

The General Objections are applicable to each and every one of the following responses and objections, and failure to repeat an objection in response to a specific request shall not be deemed a waiver of the objection. Further, when The Water District specifically repeats one or more of these General Objections in response to a specific request, such specific request cannot be a waiver of these General Objections.

Subject to and without waiving these General Objections, and subject to and without waiving the specific objections noted below, The Water District responds as follows to Forest Hills' Supplemental Requests for Information in accordance with the Water District's understanding of the fair meaning of those Requests. The respondent or witness for each Response will be shown in bold-faced type following the Response or that portion of the Response for which the individual is responsible.

**REQUESTS FOLLOW ON NEXT PAGE**

**Jessamine-South Elkhorn Water District**

**Information Request No. 1:** Please refer to the second grammatical paragraph on page 1 of JSEWD's Responses to the Intervenors' First Set of Requests for Information. Please confirm that JSEWD will supplement and/or correct its Responses if JSEWD receives or generates additional information within the scope of the Requests for Information propounded by the Intervenors and the Commission Staff between the time of the Responses and the time of the hearing.

**Answer:** JSEWD will comply with the PSC's Order of November 27, 2012, ordering at

**Paragraph 4(c), to wit:**

**"c. A party shall make timely amendment to any prior response if it obtains information that indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect."**

**[Witness: Counsel]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 2:** Refer to JSEWD's response to Information Request Nos. 1(a) and 2 of the Intervenor's First Set of Requests for Information. There are several properties listed in the response to Information Request No. 2 for which neither a map nor address is provided. As requested in Information Request No. 1(a), for all potential sites considered by JSEWD for the water tank proposed in this proceeding, provide a map, or if unavailable, the address of the site or other description so as to permit reasonable identification of the location.

**Answer:** The map at Tab 1 clearly locates all sites listed in Intervenor's First Requests No. 2. The only possible confusion is the Sue Switzer site noted as proposed site on map (Tab 1). But, it would seem apparent since Sue Switzer is noted as: "only owner contacted that was willing to sell", and therefore, if the District only purchased one site, then it would have to be the "Proposed Site". The "PROPOSED SITE" listed on the map at Tab 1 is the only site that is "proposed in this proceeding".

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 3:** Refer to JSEWD's response to Information Request No. 2 of the Intervenor's First Set of Requests for Information. For each of the eleven properties listed in the response, please provide:

- (a) The dates during which the potential site was being considered;
- (b) The name of the person(s) with whom JSEWD communicated; and
- (c) To the extent not already provided, copies of all documents pertaining to

the sites, including, but not limited to, documents exchanged between JSEWD or its agents and the owners of the properties or their agents.

**Answer:**

	<b>Site</b>	<b>Contact Date</b>	<b>Person Contacted</b>	<b>Additional Documents</b>
<b>1.</b>	<b>Ichthus</b>	<b>2002</b>	<b>Doug Baker</b>	<b>None found</b>
<b>2.</b>	<b>R.J. Corman</b>	<b>2002</b>	<b>Ronald Lane, James Adams R. J. Corman</b>	<b>None found</b>
<b>3.</b>	<b>Dodd Estate</b>	<b>2002</b>	<b>Ken Watts</b>	<b>None found</b>
<b>4.</b>	<b>Kelly Farm</b>	<b>2002</b>	<b>Jeff Riester</b>	<b>None found</b>
<b>5.</b>	<b>Cecil Johnson Estate</b>	<b>2002</b>	<b>Norman Noltemeyer</b>	<b>None found</b>
<b>6.</b>	<b>Cave Springs Farm</b>	<b>2002</b>	<b>Keith Flora</b>	<b>None found</b>
<b>7.</b>	<b>Henry Knight</b>	<b>2003</b>	<b>Henry Knight</b>	<b>None found</b>
<b>8.</b>	<b>Barkley Woods</b>	<b>2002</b>	<b>Cooper, Inc.</b>	<b>None found</b>
<b>9.</b>	<b>Ramsey Farm</b>	<b>2003</b>	<b>Mark Partridge</b>	<b>None found</b>
<b>10.</b>	<b>Forest Hills Subd.</b>	<b>2006</b>	<b>Barry Mangold</b>	<b>None found</b>
<b>11.</b>	<b>Sue Switzer</b>	<b>2003/2004</b>	<b>Sue Switzer, Ben Hammack Ron Switzer</b>	<b>None found</b>

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 4:** Refer to JSEWD's response to Information Request No. 4 of the Intervenor's First Set of Requests for Information. Please produce the maps referenced in the response.

**Answer:**

**See USGS Topographic Quadrangles:**

- Keene
- Nicholasville
- Wilmore

**These documents are on file with the Kentucky Geological Survey and may be accessed at [kgs.uky.edu](http://kgs.uky.edu).**

**[Witness: John G. Horne]**



**Jessamine-South Elkhorn Water District**

**Information Request No. 5:** Refer to JSEWD's response to Information Request No. 5 of the Intervenor's First Set of Requests for Information. What are JSEWD's criteria for "[s]ufficiency of site for intended use"?

**Answer:** JSEWD's criteria for the subject phrase can be found in *Webster's Seventh Collegiate Dictionary* in the definition for "sufficient": "enough to meet the needs of a situation or a proposed end".

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 6:** Refer to JSEWD's response to Information Request No. 13 of the First Set of Requests for Information. The construction plans filed in this proceeding do not contain the information requested. Please produce the requested information.

**Answer: No additional documents exist.**

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 7:** Refer to JSEWD's response to Information Request No. 15 of the Intervenor's First Set of Requests for Information. The construction plans filed in this proceeding do not contain the information requested. Please produce the requested information.

**Answer:** Please see **Response to Intervenor's First Requests, No. 15**. As noted in that answer, accurate and detailed dimensions will be established as stated in that response.

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 8:** Refer to JSEWD's response to Information Request No. 16 of the First Set of Requests for Information. Please confirm that JSEWD did not take any steps to minimize the size of the water tank proposed in this proceeding.

**Answer:** The Capital Improvement Program System Storage referenced in the initial Answer contains a discussion as to the minimum size of the proposed tank. As noted in that response, the tank size should not be "minimized" so as to hamper the District in meeting the needs of its customers and relevant requirements.

[Witness: John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 9:** Refer to JSEWD's response to Information Request No. 17 of the First Set of Requests for Information. Please provide all calculations, studies, or other documents that relate to the capacity of the water tank proposed in this proceeding.

**Answer:** See Answer to Supplemental Request No. 8.

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 10:** Refer to JSEWD's response to Information Request No. 18 of the Intervenor's First Set of Requests for Information. Please provide the expected or estimated construction costs associated with a 500,000 gallon tank

**Answer:** JSEWD objects to the unsupported allegation implied in this question that a 500,000 gallon tank should be imposed by the PSC in this proceeding. Notwithstanding the objection, the cost reduction of downsizing a 1,000,000 gallon tank by 50% (i.e., to a 500,000 gallon size) would be approximately 18% of the current bid (i.e.; \$299,700).

1,000,000 gallon tank	\$1,624,700
500,000 gallon tank	<u>\$1,325,000</u>
Difference	\$ 299,700

Conversely, in order to gain 100% increase in volume from 500,000 gallons to 1,000,000 gallons would only require an increase of 23% in cost. This equates to a 4.3:1 cost benefit ratio, which certainly seems to be very desirable.

Viewed in another way, if two (2) 500,000 gallon tanks were constructed sequentially, and negating any inflation value, the cost of 1,000,000 gallon storage would be \$2,650,000 or \$1,025,300 more than a single 1,000,000 gallon tank. Based on this reasoning, the construction of one million gallon tank versus two one-half million gallon tanks would be the least cost solution.

[Witness: Counsel and John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 11:** Refer to JSEWD's response to Information Request No. 23 of the Intervenor's First Set of Requests for Information. For items (f), (g), and (h), please provide:

- (a) Invoices or comparable documentation supporting the costs;
- (b) The date(s) in which the costs were incurred; and
- (c) A detailed explanation of why the costs were incurred before obtaining a certificate of public convenience and necessity to construct the water tank.

**Answer:** The initial Answer to Request No. 23 is amended as follows:

**“(b) the engineer’s costs associated with acquiring the proposed site and access thereto, and funding of the proposed tank’s construction (\$9,170.00)”;** **“(d) the legal fees associated with the acquisition of the site and funding of the proposed tank (\$2,548.30)”;** **“(f) the cost of advertising the construction of the tank for bids and printing copies of plans (\$9,011.58)”;** **“(g) the cost of upsizing the lines near the site to accommodate the construction of the tank (\$70,647.80) – (i) JSEWD’s contribution to upsizing loop line constructed by Forest Hills Subdivision developer (\$39,690.01) and (ii) the cost of connecting the aforementioned loop line to the proposed tank site and beyond to the water main on Catnip Hill Rd (\$30,957.79).**

**(a) See attachments to this Request and those at Request No. 20.**

**(b) See attachments to this Request and those at Request No. 20.**

**(c) Objection to any implication that engaging in such activities prior to the granting of a CPCN is improper, unlawful or unreasonable. Notwithstanding the objection, JSEWD responds as follows:**

**Item 23(f) – as noted in the original response, 23(f) is “those costs associated with bidding the construction for the site (\$25,098.64).”<sup>1</sup> Kentucky-American Water Company (“KAW”), as one example, engaged in such a bidding process prior to the granting of a certificate of convenience. In its April 25, 2008 Order in the KRSII case involving KAW, Case No. 2007-00134, the Commission noted that “Kentucky-American has solicited and received bids for construction of the proposed facilities”. Order at page 23.**

**Item 23(g) – as noted in the original response, 23(g) is “the cost of upsizing lines near the site to accommodate the construction of the proposed tank (\$38,819.34).”<sup>2</sup> As is clear from the record in this case, the proposed site has been designated as the site for new storage for many years, as was well known to the developer of the Forest Hills Subdivision, Barry Mangold. Although the District has made numerous efforts to meet the siting concerns expressed by the developer and by some of the current residents of Forest Hills, no other suitable site has materialized. Upsized lines would be necessary even if, for instance, the PSC were to approve a smaller water tank than that proposed by JSEWD**

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<sup>1</sup> Amount was amended herein to \$9,011.58.

<sup>2</sup> Amount was amended herein to \$70,647.80.



(although JSEWD strongly believes that the proposed one million gallon water tank is reasonable and necessary).

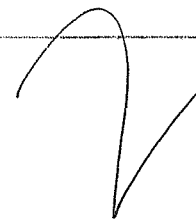
Item 23(h) – As noted in the original response, 23(h) is “the engineering design costs for the tank to occupy the proposed site (\$65,000). “ In the April 25, 2008 Order in Case No. 2007-00134, as an example, the PSC noted without comment that “Kentucky-American has completed the design and routing of the proposed facilities”. Order at page 78.

[Witness: L. Nicholas Strong and Counsel]

**Distribution Department**

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**From:** distribution@lynnimaging.com  
**Sent:** Monday, June 18, 2012 8:25 AM  
**To:** Distribution Department  
**Subject:** [Lynn Imaging] Work Order: Order #229985


**An order has been placed by Roni Lucas**

**Order #:** 229985-15065  
**Company:** Jessamine South Elkhorn Water  
**Company Phone:** 859 881-0589  
**Company Fax:** 859 881-5080  
**Contact:** Nick Strong  
**Contact Phone:**  
**Contact Fax:**  
**Contact Mobile:**

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**Name:** Catnip Hill Pike 1.0 MG Elevated Storage Tank  
**Description:** 1.0 MG Elevated Storage Tank  
**Owner:** Horne Engineering  
**Shipping Address:** 802 South Main Street  
Nicholasville, KY 40356  
**Shipment Type:** Delivery  
**Shipment:** Nicholasville - Lynn Delivery  
**Ship Account:**  
**Payment Method:** No Deposit/No Charge  
**Comments:** initial order bill with job

**Disciplines Ordered**

Qty.	Name	Description	Price	Total
1	Complete Set Plans and Specs		\$150.00	\$150.00

**Purchase Information**

A complete set of specifications is available for a non-refundable purchase of \$150.00, **payable to Lynn Imaging.**

There will be a \$22.00 shipping charge for each set shipped UPS Ground. There will be a \$9.00 handling fee for the use of shipper numbers (Fed-Ex or UPS). Please note that delivery surcharges are subject to change.

Mail checks to Lynn Imaging, Attn: Distribution, 328 Old Vine Street, Lexington KY 40507.

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<b>Sub Total:</b>	\$150.00
<b>Tax:</b>	\$0.00
<b>Shipping:</b>	\$9.01
<b>Total:</b>	\$159.01

Total above excludes processing fees.

# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441

**Bill To:**

**INVOICE** 20120629012

DIANA CLARK  
JESSAMINE-SOUTH ELKHORN WATER DISTRICT  
802 S MAIN ST BOX 731  
NICHOLASVILLE KY 40356

Date Billed.... 6/29/2012  
Work Order... 3569

For Professional Services Rendered for:

## JSEWD-1.0 MIL ELEV STORAGE TANK - EXPENSE REIMBURSEMENT

Date	Job Class	Description	Hours	Total
06/15/2012	MISCELLANEOUS	Lexington Herald-Leader bid ad invoice \$ 3183.37	Cost	\$ 3,183.37
06/15/2012	MISCELLANEOUS	Courier-Journal bid ad invoice - \$4514.20	Cost	\$ 4,514.20
06/18/2012	MISCELLANEOUS	Bid Ad Invoice - Jessamine Journal \$1,155.00	Cost	\$ 1,155.00
			<b>Total Due</b>	<b>\$ 8,852.57</b>

Make Checks Payable To **Horne Engineering, Inc.**

Your Total Amount Due is..... **\$8,852.57**

Thank You For Your Business.

**\* INVOICE \***

e-mail: horneeng@cs.com

**HORNE ENGINEERING, INC.  
216 SOUTH MAIN STREET  
NICHOLASVILLE, KY 40356**

**Ph. (859) 885-9441**

**CONSULTING ENGINEERING  
LAND SURVEYORS  
PLANNERS**

**Fax (859) 885-5160**

**To:** Diana Clark  
Jessamine South Elkhorn Water District  
117 South Main Street  
Nicholasville, KY 40356

**Date:** January 2, 2004  
**WO#** 3546

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**For Professional Services Rendered For Switzer Tanksite**

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<b>Date</b>	<b>Description</b>	<b>Type</b>	<b>Hours</b>
11/27/03	Project organization, prepare deed file and copy information	Principal	1.50
12/07/03	Switzer memo reply - Catnip Hill tanksite	Principal	1.00
12/18/03	Call w/ Sue Switzer on contract changes and transmit to Bruce	Principal	1.00
12/19/03	Transcription: Switzer response, copies, etc.	Administrative	0.50

**SUMMARY OF ALL CHARGES**

<b>Type</b>	<b>Hours</b>	<b>Rate</b>	<b>Charges</b>
Principal	3.50	\$ 95.00	\$ 332.50
Administrative	0.50	\$ 30.00	\$ 15.00

**TOTAL AMOUNT DUE \$ 347.50**

**\* INVOICE \***

e-mail: horneeng@cs.com

**HORNE ENGINEERING, INC.**  
**216 SOUTH MAIN STREET**  
**NICHOLASVILLE, KY 40356**  
**Ph. (859) 885-9441**

**CONSULTING ENGINEERING**  
**LAND SURVEYORS**  
**PLANNERS**  
**Fax (859) 885-5160**

**To:** Diana Clark  
Jessamine South Elkhorn Water District  
117 South Main Street  
Nicholasville, KY 40356

**Date:** January 2, 2004  
**WO#** 3442

**For Professional Services Rendered For Tanksite Search**

<b>Date</b>	<b>Description</b>	<b>Type</b>	<b>Hours</b>
09/23/03	Transcription: Hammack, copies etc.	Administrative	0.50
11/03/03	Copies of Meece lease, topo Switzer property, meet onsite w/ Sue Switzer to discuss tanksite	Principal	2.00
11/03/03	Plat aerial photo	EIT	0.50
11/04/03	Memo of Understanding and meet w/ Mrs. Switzer	Principal	1.50
11/04/03	Transcription: Switzer conditions, Memo of Understanding & letter to J. Haws	Administrative	1.00
11/07/03	Assemble prior plat and deed research at Courthouse	Technician	6.75
11/10/03	Review and evaluate adjoiner deeds and plats	Principal	1.00
11/10/03	Deed research & copies	Technician	1.25
11/11/03	Review adjoiner deeds, compile plats and description	Principal	1.00
11/11/03	Draft: deed plot	Technician	3.75
11/12/03	Conference w/ Bruce, deed to Switzer	Principal	2.00
11/12/03	Draft: deed plot	Technician	2.75
11/14/03	Review purchase contract, conference w/ Jerry, fax response to Bruce	Principal	1.00
11/21/03	Meet w/ Sue Switzer about her request for purchase contract - meet w/ Bruce to get him to complete revisions	Principal	0.50
11/24/03	Signatures on purchase contract, transmit & delivery	Principal	1.50
11/24/03	Transcription: S. Switzer letter & R. Switzer letter re: contract	Administrative	0.50
12/02/03	Prepare for and meet w/ Caryn Lee re: SDC	Principal	2.00
12/08/03	Transcription: Switzer memo	Administrative	0.50

**SUMMARY OF ALL CHARGES**

<b>Type</b>	<b>Hours</b>	<b>Rate</b>	<b>Charges</b>
Principal	12.50	\$ 95.00	\$ 1,187.50
E.I.T.	0.50	\$ 55.00	\$ 27.50
Technician	14.50	\$ 45.00	\$ 652.50
Administrative	2.50	\$ 30.00	\$ 75.00

**TOTAL AMOUNT DUE \$ 1,942.50**

# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441

**INVOICE**

20040301003

**Bill To:**

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
117 S MAIN ST  
NICHOLASVILLE KY 40356

Date Billed..... 3/1/2004  
Work Order..... 3546

For Professional Services Rendered for:

**JSEWD-SWITZER PROP, CATNIP HILL 1MG ELEV TANK**

Date	JobClass	Description	Hours	Total
02/13/2004	EIT	Draft: topo	1.50	
02/16/2004	2-MAN CREW	Recon boundary	3.00	
02/19/2004	PRINCIPAL	Contact w/ Caldwell Tank, schedule of subsurface, leg layout for lot dimensions and drilling	1.50	
02/19/2004	EIT	Draft: water tower S/O	0.50	
02/20/2004	EIT	Draft: boundary survey	0.50	
02/20/2004	2-MAN CREW	Stake water tower	2.75	
02/23/2004	EIT	Meet w/ JGH & crew re: boundary	0.25	
02/25/2004	EIT	Draft: boundary survey; tank site topo for Craig Lee	4.00	

**Total Due \$1,117.50**

**Summary Of All Charges**

JobClassification	Hours	Rate	Amount
2-MAN CREW	5.75	\$105.00	\$603.75
EIT	6.75	\$55.00	\$371.25
PRINCIPAL	1.50	\$95.00	\$142.50
<b>Total Of All Charges</b>			<b>\$1,117.50</b>

**Summary Of All No Charges**

JobClassification	Hours	Rate	Amount
<b>Total Of All No Charges</b>			

Make Checks Payable To **Horne Engineering**.  
Thank You For Your Business.

Your Total Amount Due is..... **\$1,117.50**

# 3512  
3-3-04

# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441

20040525003

## Bill To:

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
117 S MAIN ST  
NICHOLASVILLE KY 40356

Date Billed..... 5/25/2004  
Work Order..... 3546

For Professional Services Rendered for:

## TANKSITE - SUE SWITZER PROPERTY, CATNIP HILL (1MG ELEV TANK)

Date	JobClass	Description	Hours	Total
03/03/2004	PRINCIPAL	Qore proposal, complete & transmit	0.50	
03/04/2004	ADMINISTRATIVE	Transcription: Qore letter, copy Leon & Tom	0.50	
03/05/2004	PRINCIPAL	Boundary survey information to Ransdell	1.00	
03/05/2004	EIT	Draft: boundary survey ; S/O search	0.50	
04/13/2004	2-MAN CREW	Recon property corners	0.75	
04/14/2004	ADMINISTRATIVE	Transcription: Subsurface report letter to D. Clark	0.25	
04/27/2004	EIT	Draft: boundary survey	0.75	
04/27/2004	2-MAN CREW	Locate PC's	3.25	
04/28/2004	PRINCIPAL	Field locate entrance position, redline draft copy of plat	1.50	
04/28/2004	ENGINEER	Design encroachment plan and site investigation	3.50	
04/28/2004	EIT	Draft: boundary survey	1.50	
04/29/2004	ENGINEER	KDOT encroachment design	4.00	
04/29/2004	EIT	Draft: boundary survey/plat	6.25	
04/30/2004	PRINCIPAL	Final plat mark up, boundary description, transmit to Bruce & JPC, submit for review	3.00	
04/30/2004	ADMINISTRATIVE	Transmit: plat & deeds to JPC	0.25	
04/30/2004	EIT	Draft: plat, after JGH review	2.25	
05/01/2004	ADMINISTRATIVE	Transcription: elevated tank boundary letter & boundary description-B. Smith, amended plat letter - Taylor/JPC	0.25	
05/03/2004	DESIGNER	Check closure on plat for EIT	0.75	
05/04/2004	2-MAN CREW	Set PC's	2.25	
05/06/2004	EIT	Prepare plat & application for signatures	0.75	
05/07/2004	PRINCIPAL	Conference w/ Bruce, plat changes per owner's request	1.00	
05/07/2004	ADMINISTRATIVE	Copy & transmit plat:JPC	0.75	
05/07/2004	EIT	Draft: plat	0.50	
05/10/2004	ADMINISTRATIVE	Re-prep for submittal now to B. Smith	0.50	
05/10/2004	EIT	Draft/plot: plats & run bluelines	0.50	
05/13/2004	TECHNICIAN	Draft: updates, CPP in ditch and gravel road profile	5.50	
05/19/2004	TECHNICIAN	Redline corrections	1.00	

Make Checks Payable To **Horne Engineering, Inc.**  
Thank You For Your Business.

Your Total Amount Due is..... **\$2,936.25**

# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441

INVOICE  
20040805001

**Bill To:**

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
117 S MAIN ST  
NICHOLASVILLE KY 40356

Date Billed..... 8/5/2004  
Work Order..... 3546

For Professional Services Rendered for:

**JSEWD- SUE SWITZER PROPERTY, CATNIP HILL 1MG ELEVATED TANK SITE**

Date	JobClass	Description	Hours	Total
05/26/2004	ADMINISTRATIVE	Correspondence w/ B. Smith's office re: recorded plats and receipts	0.25	
05/27/2004	ENGINEER	Redline revision, copies & encroachment permit application	1.50	
05/27/2004	ADMINISTRATIVE	Transcription: K. Baker/KDOT encroachment submittal	0.75	
07/01/2004	TECHNICIAN	Draft: revisions - KDOT encroachment permit	1.50	
07/02/2004	TECHNICIAN	Draft: revisions - KDOT encroachment permit	1.75	
07/06/2004	ADMINISTRATIVE	Transmit: P&P sheets to Baker	0.25	
07/06/2004	TECHNICIAN	Draft: revisions KDOT encroachment permit	3.25	
			<b>Total Due</b>	<b>\$427.50</b>

**Summary Of All Charges**

JobClassification	Hours	Rate	Amount
ADMINISTRATIVE	1.25	\$30.00	\$37.50
ENGINEER	1.50	\$65.00	\$97.50
TECHNICIAN	6.50	\$45.00	\$292.50
<b>Total Of All Charges</b>			<b>\$427.50</b>

**Summary Of All No Charges**

JobClassification	Hours	Rate	Amount
<b>Total Of All No Charges</b>			

Make Checks Payable To **Horne Engineering, Inc.**  
Thank You For Your Business.

Your Total Amount Due is..... **\$427.50**



# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441



**Bill To:**

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
107 S MAIN ST  
NICHOLASVILLE KY 40356

**INVOICE**

20051227013

Date Billed.....1/2/2006  
Work Order.....3569

For Professional Services Rendered for:

**JSEWD-1.0 MIL ELEV STORAGE TANK (SWITZER) WO# 3569**

Date	JobClass	Description	Hours	Total
03/26/2005	ADMINISTRATIVE	Chart/graph work	0.75	
10/10/2005	PRINCIPAL	Project profile for BGADD	2.00	
10/10/2005	ADMINISTRATIVE	Begin project profile process re: KIA project	0.50	
10/11/2005	ADMINISTRATIVE	Correspondence and leave several messages re: project profile assistance	0.25	
10/12/2005	PRINCIPAL	Project profile revisions, conference w/ Johnson	1.50	
10/12/2005	ADMINISTRATIVE	Correspondence w/ Matt Belcher/BGADD re: project profile submittal, download form, & first draft, etc.	1.00	
10/13/2005	PRINCIPAL	Project profile review & system map	1.50	
10/13/2005	ADMINISTRATIVE	Project profile work, correspondence w/ BGADD & KIA. faxes, emails & mailings	2.50	
10/13/2005	EIT	Draft: project area map (tank site & ancillary)	3.25	
10/24/2005	PRINCIPAL	Project profile report, outline data acquisition for staff	2.00	
10/25/2005	PRINCIPAL	Data analysis on average vs peak use	4.00	
12/12/2005	PRINCIPAL	Field recon Forest Hills tank relocation & call Mangold for meeting - conference w/ State RD engineer	1.50	

**Total Due \$1,516.25**

Summary Of All Charges				Summary Of All No Charges			
JobClassification	Hours	Rate	Amount	JobClassification	Hours	Rate	Amount
ADMINISTRATIVE	5.00	\$30.00	\$150.00				
EIT	3.25	\$55.00	\$178.75				
PRINCIPAL	12.50	\$95.00	\$1,187.50				
Total Of All Charges			<b>\$1,516.25</b>	Total Of All No Charges			

Make Checks Payable To **Horne Engineering, Inc.**  
Thank You For Your Business.

Your Total Amount Due is..... **\$1,516.25**

# Home Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441

**INVOICE**

20050113003

**Bill To:**

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
117 S MAIN ST  
NICHOLASVILLE KY 40356

Date Billed..... 1/13/2005  
Work Order..... 3569

For Professional Services Rendered for:

**1.0 MIL ELEV STORAGE TANK, SWITZER PROPERTY**

Date	JobClass	Description	Hours	Total
06/17/2004	ADMINISTRATIVE	Transcription PSC meeting minutes	1.00	
06/18/2004	ADMINISTRATIVE	PSC revisions, etc.	0.50	
07/06/2004	PRINCIPAL	KDOT permit revisions and resubmittal	1.00	
10/22/2004	PRINCIPAL	Drafting of impact fee tariff	3.00	
11/01/2004	PRINCIPAL	Document review and tariff outline	3.00	
			<b>Total Due</b>	<b>\$710.00</b>

**Summary Of All Charges**

JobClassification	Hours	Rate	Amount
ADMINISTRATIVE	1.50	\$30.00	\$45.00
PRINCIPAL	7.00	\$95.00	\$665.00
<b>Total Of All Charges</b>			<b>\$710.00</b>

**Summary Of All No Charges**

JobClassification	Hours	Rate	Amount
<b>Total Of All No Charges</b>			

Make Checks Payable To **Home Engineering, Inc.**  
Thank You For Your Business.

Your Total Amount Due is..... **\$710.00**

# Horne Engineering Inc.

216 South Main Street  
 Nicholasville KY 40356  
 859-885-9441

**INVOICE**

20050603006

**Bill To:**

DIANA CLARK  
 JESSAMINE SOUTH ELKHORN WATER DISTRICT  
 107 S MAIN ST  
 NICHOLASVILLE KY 40356

Date Billed..... 6/3/2005  
 Work Order..... 3569

For Professional Services Rendered for:

**JSEWD- 1.0 MIL ELEV STORAGE TANK (SWITZER PROP.)**

Date	Job Class	Description	Hours	Total
04/12/2005	PRINCIPAL	Federal application form and project budget	1.00	
04/12/2005	PRINCIPAL	Subdivision survey and lot count for tariff report	3.00	
04/12/2005	ADMINISTRATIVE	Charts, listing, research, etc.	2.00	
04/13/2005	PRINCIPAL	Subdivision summaries, build out rates, platting surveys for tariff	3.00	
04/13/2005	ADMINISTRATIVE	Additional chart/graph and listings work	1.50	
04/14/2005	ADMINISTRATIVE	Charts/graphs, listing re: NW service area, etc.	2.00	
04/20/2005	ADMINISTRATIVE	Contract prep for signatures	1.25	
04/21/2005	ADMINISTRATIVE	Contract signatures & assembly	0.75	
04/24/2005	PRINCIPAL	Project profile & clearinghouse info - transmit pre-app to RD	3.00	
04/25/2005	ADMINISTRATIVE	Research re: clearinghouse information; transcription: Floyd/RD application & engineering contract letters	1.50	
04/25/2005	EIT	Draft: site map	0.50	
04/26/2005	ADMINISTRATIVE	Clearinghouse research for e-file applications and printouts, etc.	0.50	
			<b>Total Due</b>	<b>\$1,262.50</b>

Job Classification	Hours	Rate	Amount
ADMINISTRATIVE	9.50	\$30.00	\$285.00
EIT	0.50	\$55.00	\$27.50
PRINCIPAL	10.00	\$95.00	\$950.00
<b>Total Of All Charges</b>			<b>\$1,262.50</b>

Job Classification	Hours	Rate	Amount
<b>Total Of All No Charges</b>			

Make Checks Payable To **Horne Engineering, Inc.**  
 Thank You For Your Business.

Your Total Amount Due is..... **\$1,262.50**

# Horne Engineering Inc.

216 South Main Street  
Nicholasville KY 40356  
859-885-9441



**Bill To**

DIANA CLARK  
JESSAMINE SOUTH ELKHORN WATER DISTRICT  
107 S MAIN ST  
NICHOLASVILLE KY 40356

**INVOICE**

20060323014

Date Billed..... 3/23/2006  
Work Order..... 3569

For Professional Services Rendered for:

**JSEWD-1.0 MIL ELEV STORAGE TANK (SWITZER) WO# 3569**

Date	Job Class	Description	Hours	Total
01/04/2006	PRINCIPAL	Construction estimate to Anderson, RUD	1.50	
01/05/2006	ADMINISTRATIVE	Transcription & spreadsheet: preliminary construction costs to Anderson, RUD	1.00	
02/01/2006	ADMINISTRATIVE	Engineering agreement revisions & memo to Commissioners; transcription: Strong w/ five sets of agreements to be executed	1.00	
02/03/2006	SURVEY CREW-2	Check/ search for benchmark	1.25	
02/06/2006	SURVEY CREW-2	Level loop tank site/ set benchmarks	5.50	
02/06/2006	ADMINISTRATIVE	Transcription: encroachment permit cancellation - Stone/DOH; transcription: engineering agreement - Johnson/RD	1.00	
02/07/2006	PRINCIPAL	Level loop existing to proposed	2.50	
02/07/2006	SURVEY CREW-2	Run level loop. Finish level loop & set BM @ Forest Hills & Switzer	7.75	
02/08/2006	SURVEY CREW-2	Level loop tank site on Harrodsburg road (Switzer & Forest Hills); finish level loops & set BM's	7.00	
02/09/2006	SURVEY CREW-2	Finish tank survey, mark & flag all BM's	2.00	
02/10/2006	PRINCIPAL	Banker calls about loan rates, Johnson @ RD on contract	2.00	
02/15/2006	PRINCIPAL	Subdivision use date preliminary analysis	3.00	
02/15/2006	ADMINISTRATIVE	Set up spreadsheet & charts for developed subdivisions	1.25	
02/16/2006	PRINCIPAL	Water usage analysis and compile additional data	2.00	
02/16/2006	ADMINISTRATIVE	Data to spreadsheets & charting	4.00	
02/17/2006	PRINCIPAL	Graphing analysis and data presentation	2.00	
02/17/2006	ADMINISTRATIVE	NW charts, particular & combined work	4.75	
02/20/2006	PRINCIPAL	Use data analysis and calculations, graph presentation	3.00	
02/20/2006	ADMINISTRATIVE	Meeting w/ JGH re: additional charts & graphing irrigation	3.75	
02/21/2006	ADMINISTRATIVE	Combined chart work and color coding	3.75	
02/22/2006	ADMINISTRATIVE	Combined statistic pages & continue color coding graphs & charts	3.25	
02/22/2006	PRINCIPAL	Irrigation use summary & analysis	3.00	
02/23/2006	PRINCIPAL	RFQ memo and forms	1.00	

Make Checks Payable To **Horne Engineering, Inc.**

Your Total Amount Due is.....

**\$9,813.88**

Thank You For Your Business.

**\* INVOICE \***

email@horneeng.com

**HORNE ENGINEERING, INC.**  
**216 SOUTH MAIN STREET**  
**NICHOLASVILLE, KY 40356**  
**Ph. (859) 885-9441**

**CONSULTING ENGINEERING**  
**LAND SURVEYORS**  
**PLANNERS**  
**Fax (859) 885-5160**

**To:** Diana Clark  
Jessamine South Elkhorn Water District  
802 South Main Street, PO Box 731  
Nicholasville, KY 40356

**Date:** December 9, 2011  
**WO#** 3569

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**For Professional Services Rendered For Catnip Hill Pike 1.0 MG Elevated Storage Tank Project**

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This invoice represents charges to the client for professional services. The work product produced is and shall remain the property of the professional and/or Horne Engineering, Inc.

**Catnip Hill Pike 1.0 MG Elevated Storage Tank Project**

Remainder - Draw of Engineering Design Fee:

\$130,000 x 50% = \$ 65,000.00

Amount Due \$ 65,000.00

*Cap Const  
# 1035  
12-15-11*

Make Checks Payable To **Horne Engineering, Inc.**  
Thank You For Your Business.

Your Total Amount Due is..... **\$65,000.00**

**Jessamine-South Elkhorn Water District**

**Information Request No. 12:** Please refer to JSEWD's response to Information Request No. 30 of the Intervenor's First Set of Requests for Information and the contract between JSEWD and Kentucky-American Water Company ("KAWC") attached to JSEWD's Motion for Full Disclosure.

(a) Please produce all contracts or agreements between JSEWD (or its predecessor) and KAWC (or its predecessors) for the sale and/or purchase and/or storage of water dated prior to February 25, 1986.

(b) Please provide the dates that JSEWD's 500,000 gallon water tank and 50,000 gallon water storage tank were placed in service.

(c) Please describe in detail the manner in which storage of water was carried out in the JSEWD Northwest Service Area from the formation of JSEWD and its predecessor, Lexington South Elkhorn Water District, to date.

**Answer: (a) Object on the basis that the information requested is too remote in time to be relevant. Notwithstanding the objection, see attached contract. (b) 500,000 – November 1994 and 50,000 – April 1972. (c) Object to the unlimited scope of this request without a showing of the relevance of this information to the current proposal. Without waiving the objection, the 50,000 gallon tank was in service when the District began operations in 1972, and an additional 500,000 gallon tanks was placed in service in 1994.**

[Witness: Counsel and L. Nicholas Strong]

THIS AGREEMENT, made and entered into this 15<sup>th</sup>  
day of April, 1970, by and between LEXINGTON WATER COMPANY,  
a Kentucky Corporation having its office at 167 North Upper Street,  
Lexington, Kentucky (hereinafter sometimes called "COMPANY"), party of  
the first part, and LEXINGTON-SOUTH ELKHORN WATER DISTRICT, a Water  
District duly organized and existing under and by virtue of the laws of  
Kentucky, having an office at \_\_\_\_\_, Lexington, Kentucky  
(hereinafter sometimes called "DISTRICT"), party of the second part,

W I T N E S S E T H:

THAT, WHEREAS THE District has been formed for the purpose  
of supplying water for the inhabitants of District, and wishes to purchase,  
upon the terms and conditions hereinafter set forth, water in the  
quantities hereinafter mentioned for the Company for resale by District  
to its customers, and

WHEREAS, the Company is willing to sell water, in the  
quantities and upon the terms and conditions hereinafter stated, to  
District for resale by District to inhabitants of said District,

NOW, THEREFORE, in consideration of the mutual covenants  
of the parties hereto as hereinafter contained, it is hereby agreed  
by and between the parties hereto as follows, to-wit:

1. Company agrees to sell to District, and District  
agrees to purchase from Company at the rates hereinafter mentioned,  
such quantities of water as the District may hereafter from time to  
time require, not to exceed Two Hundred (200) gallons per minute, per  
connection, said water to be furnished at two connections to the  
water mains of the Company at:

(1) A point on the Harrodsburg Road Five Hundred  
(500) feet North of the Fayette-Jessamine County  
line, and/or

(2) At a point on the Keene Road Five Hundred  
(500) feet North of the Fayette-Jessamine County  
line, in Fayette County, Kentucky.

2. It is understood by the parties hereto that the District has constructed, or shall hereafter construct, and will maintain within said District a system of water works for the purpose of supplying inhabitants of the District with water for domestic, farm, public and manufacturing purposes and that the District shall have its water distribution system connected with existing water mains of the Company at the delivery points referred to in Paragraph 1 above, each such connection to be a single meter connection. All such master meters, including vaults, shall be furnished, installed, operated, and maintained by the Company.

3. It is further understood and agreed by the parties hereto that the Company shall not be required to provide uniform flows or maintain pressures to the District and that the District shall provide such elevated tanks or standpipes as may be necessary to provide adequate service to its customers; however, Company shall endeavor to maintain 25 pounds per square inch of pressure at District's service connections under normal conditions.

4. It is understood and agreed that the Company does not by this agreement undertake or contract that the service rendered through these connections shall include fire protection or sufficient quantities of water for fire extinguishment; and that the District is fully aware that if it or its customer desire fire protection or sufficient quantities of water for fire extinguishment, that the District must provide the same by the erection of elevated tanks, standpipes or ground storage with booster pumps for such service.

5. The obligation of the Company to supply water hereunder is further limited by the understanding that the Company shall undertake to use reasonable care and diligence in order to prevent and avoid interruptions and fluctuations in the supply of water, but that it cannot and does not guarantee or warrant that such interruptions and fluctuations will not occur, or that because of emergencies due to breaks, leaks, defects, construction or necessary repairs in its facilities, or caused by fires, strikes, acts of God, or other causes, there may not



be periods during which the supply may be curtailed or interrupted. In event of such interruptions or fluctuations, no liability of any nature shall be imposed upon the Company. Notwithstanding the foregoing, however, Company will not, in event of water shortages, discriminate against District and its customers by unreasonably curtailing service to District.

6. District agrees to pay to Company for water furnished under the terms of this agreement in accordance with the rates established by the Company from time to time and approved by the Public Service Commission of Kentucky, subject, however, to minimum charge of Forty (\$40.00) Dollars monthly per meter. All statements rendered by Company to District for water furnished under this agreement shall be paid at the offices of the Company within ten (10) days from date rendered. This agreement is specifically made subject to the Rules and Regulations of the Company as approved by the Public Service Commission of Kentucky, as the same now exist or may hereafter be amended. A copy of the present rate schedule of the Lexington Water Company is attached hereto, made a part hereof as if copied at length herein, and marked Exhibit "A" for purposes of identification. Company shall not increase its rates to District without obtaining approval of the Public Service Commission of Kentucky or instituting appropriate proceedings seeking approval of any revision in its rate schedule.

7. If at any time hereafter any statement for water furnished hereunder is not paid within ten (10) days from date rendered, Company shall have the right to discontinue service hereunder.

8. Unless terminated sooner as hereinabove set forth, or unless Company's franchise with the City of Lexington is sooner terminated, this contract shall be for a period of forty (40) years, with an option in District to renew the same thereafter for an additional term of thirty (30) years.

9. If the limits of the City of Lexington should be extended to include any of the territory in which the mains, pipe lines and facilities of the District have been installed, and from which service

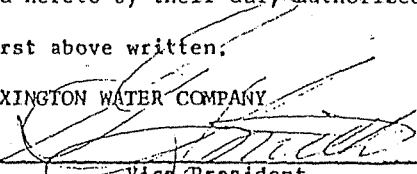
is then being rendered, <sup>AND</sup> the Company is required by franchise or contract with the City, or otherwise, to furnish domestic, industrial or public fire hydrant service in the territory so annexed to the City of Lexington, nothing in this agreement shall be held to prevent the rendition of such service by the Company from its own water lines in the territory so annexed.

10. In the event all or any part of the waterworks plant and facilities of the Company which are used in the furnishing of water hereunder are hereafter acquired by a municipal corporation or other governmental entity, then the Company shall be relieved of its obligations hereunder, and, in such event, this agreement shall be binding upon the municipality or governmental entity making such acquisition. This contract may be assigned by District to the United States of America, acting through the Farmers Home Administration, U.S. Department of Agriculture, or to the bondholders of said District, or to a receiver for their benefit in event of default of any payment of bond interest or principal, but any such assignment shall be subject to the terms and conditions herein stated. This agreement shall not become effective until approved by the Public Service Commission of the Commonwealth of Kentucky.

IN WITNESS WHEREOF, the parties hereto have caused their corporate signatures to be affixed hereto by their duly authorized officers, all the day and year first above written:

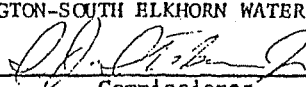
LEXINGTON WATER COMPANY

By

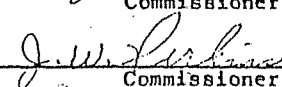
  
Vice President

LEXINGTON-SOUTH ELKHORN WATER DISTRICT

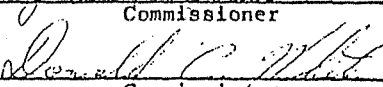
By

  
Commissioner

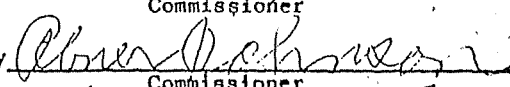
By

  
Commissioner

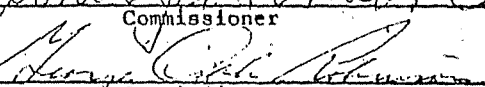
By

  
Commissioner

By

  
Commissioner

By

  
Commissioner

**Jessamine-South Elkhorn Water District**

**Information Request No. 13:** Refer to the September 23, 2003, Letter from Horne Engineering to Ben Hammack produced at tab 1 of JSEWD's Exhibit Volume. The letter states that JSEWD sought to obtain an acre of property in the "northwesterly" part of Mrs. Switzer's farm. Please explain why an acre of property was instead purchased in the northeast corner of the property

**Answer:** This was the only location that Ms. Switzer was willing to sell.

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 14:** Please explain fully why JSEWD decided it needed the one million gallon water tank proposed in this proceeding, instead of the 500,000 gallon tank initially planned, as noted in several of the documents produced in response to the Intervenors' First Set of Requests for Information.

**Answer: Objection.** The Intervenors do not cite any specific source for their allegation that a 500,000 gallon tank was "initially planned", and absent such specification, JSEWD cannot respond adequately to such an allegation. Notwithstanding the objection, I assume that the "several of the documents" noted by Intervenors is the mention of a 500,000 gallon tank in the Keith Flora letter of September 18, 2002 and the Ronald Lane letter of July 3, 2002. My review did not identify any others. The explanation for these two letters is as follows:

**Keith Flora explanation -**

- CIP Study had not been conducted at the time
- JSEWD's plan at that time was to consider separate north and south pressure zones
- This tank site anticipated a south zone for which a 500,000 gallon tank would be adequate

**Ronald Lane explanation -**

No mention of tank size. The sheet showing the tank profile was copied from the Park's Lane construction plans and was used as a reference as to style of tank.

[Witness: Counsel and John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 15:** Refer to the Report of Geotechnical Exploration prepared by QORE, Inc. on March 11, 2004, produced at tab 11 of JSEWD's Exhibit Volume. Please explain fully:

- (a) How JSEWD will address the weathered bedrock zone above auger refusal; and
- (b) The expected cost of addressing the issue.

**ANSWER:**

- (a) The standard of the industry is to remove.**
- (b) Weathered rock is a transitional zone of solid rock converting to soil. It has the excavating properties of soil. Consequently it will be removed the same as soil. Cost of soil excavation is incidental to the foundation, which is incidental to the Elevated Storage Tank (See Exhibit C to the Application filed herein).**

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 16:** Refer to the customer information and usage produced at tab 26 of JSEWD's Exhibit Volume. For every year covered by the pages produced, please provide the unit of measure on which the total usage and average usage is based.

**Answer:** The exhibits attached to JSEWD's initial Answer to Request No. 26 for the years 2006 – 2010 in the Northwest and Southeast Areas were inaccurate. Attached are replacement exhibits for those years in both Areas. The unit of measure is gallons.

[Witness: Counsel and Glenn T. Smith]

RUN DATE: 12/04/12 14:07  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/06 THRU 12/06

NW

2006

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 01-0000 THRU 49-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 06	1939	131299.9	67.7
FEB 06	1945	109292.8	56.2
MAR 06	1959	108782.2	55.5
APR 06	1970	122123.4	62.0
MAY 06	1986	121855.5	61.4
JUN 06	1994	173155.4	86.8
JUL 06	2038	229319.2	112.5
AUG 06	2035	219298.8	107.8
SEP 06	2048	253341.0	123.7
OCT 06	2063	142901.7	69.3
NOV 06	2054	137410.2	66.9
DEC 06	2038	122336.2	60.0
TOTALS	24069	1871116.3	77.7

→ 7770 gals

RUN DATE: 12/04/12 14:11  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/07 THRU 12/07

NW  
2007

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 01-0000 THRU 49-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 07	2037	130350.9	64.0
FEB 07	2042	124634.2	61.0
MAR 07	2044	114742.7	56.1
APR 07	2050	124000.2	60.5
MAY 07	2079	132049.0	63.5
JUN 07	2119	297967.5	140.6
JUL 07	2136	298688.8	139.8
AUG 07	2147	279071.8	130.0
SEP 07	2152	389810.8	181.1
OCT 07	2164	261559.7	120.9
NOV 07	2165	240032.8	110.9
DEC 07	2127	135675.6	63.8
=====			
TOTALS	25262	2528584.0	100.1

→ 10010 gals



NW

RUN DATE: 12/04/12 14:13  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/08 THRU 12/08

PAGE 1  
program 10-2-7

2008

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 01-0000 THRU 49-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 08	2111	125149.1	59.3
FEB 08	2108	124537.6	59.1
MAR 08	2115	118773.0	56.2
APR 08	2122	123763.0	58.3
MAY 08	2158	146790.8	68.0
JUN 08	2196	193774.4	88.2
JUL 08	2220	272720.8	122.8
AUG 08	2239	299085.8	133.6
SEP 08	2234	346932.0	155.3
OCT 08	2230	336460.1	150.9
NOV 08	2235	238493.2	106.7
DEC 08	2181	116374.8	53.4
=====			
TOTALS	26149	2442854.6	93.4

→ 9340

NW

RUN DATE: 12/04/12 14:14  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/09 THRU 12/09

PAGE 1  
program 10-2-7

2009

SERVICE: W WATER ACCOUNT RANGE: 01-0000 THRU 49-9999  
MINIMUM AVERAGE USAGE: NONE usage converted

U = USAGE AU = AVERAGE USAGE UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 09	2152	146134.3	67.9
FEB 09	2153	146476.9	68.0
MAR 09	2146	97411.0	45.4
APR 09	2150	120098.3	55.9
MAY 09	2183	134471.6	61.6
JUN 09	2224	202504.5	91.1
JUL 09	2241	219827.5	98.1
AUG 09	2243	229835.1	102.5
SEP 09	2248	197968.3	88.1
OCT 09	2237	204031.5	91.2
NOV 09	2199	124701.7	56.7
DEC 09	2177	122037.1	56.1
TOTALS	26353	1945497.8	73.8

→ 7380 gals

NW

RUN DATE: 12/04/12 14:16  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/10 THRU 12/10

PAGE 1  
program 10-2-7

2010

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 01-0000 THRU 49-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 10	2173	136029.0	62.6
FEB 10	2169	132886.3	61.3
MAR 10	2167	121915.2	56.3
APR 10	2174	122615.2	56.4
MAY 10	2231	158272.3	70.9
JUN 10	2251	190521.2	84.6
JUL 10	2261	263958.2	116.7
AUG 10	2265	208478.9	92.0
SEP 10	2274	304141.7	133.7
OCT 10	2268	286473.5	126.3
NOV 10	2259	210456.1	93.2
DEC 10	2218	124890.9	56.3
TOTALS	26710	2260638.5	84.6

→ 8460 gals

Bruce

SE

RUN DATE: 12/04/12 14:09  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/06 THRU 12/06

PAGE 1  
program 10-2-7

2006

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 50-0000 THRU 59-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 06	377	17023.6	45.2
FEB 06	374	15757.0	42.1
MAR 06	372	14283.4	38.4
APR 06	372	15280.5	41.1
MAY 06	373	15651.0	42.0
JUN 06	373	19250.8	51.6
JUL 06	375	23092.6	61.6
AUG 06	374	22072.9	59.0
SEP 06	378	17952.1	47.5
OCT 06	380	15064.4	39.6
NOV 06	378	20878.2	55.2
DEC 06	378	16171.6	42.8
=====			
TOTALS	4504	212478.1	47.2

→ 4720 gals

SE

RUN DATE: 12/04/12 14:11  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/07 THRU 12/07

PAGE 1  
program 10-2-7

2007

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 50-0000 THRU 59-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 07	377	15662.3	41.5
FEB 07	374	17846.0	47.7
MAR 07	372	16560.3	44.5
APR 07	372	16263.1	43.7
MAY 07	374	16983.1	45.4
JUN 07	377	23399.7	62.1
JUL 07	378	26504.2	70.1
AUG 07	380	22000.3	57.9
SEP 07	384	24503.5	63.8
OCT 07	389	16418.9	42.2
NOV 07	383	20023.4	52.3
DEC 07	381	15904.7	41.7
=====			
TOTALS	4541	232069.5	51.1

→ 5110 gals

SE

RUN DATE: 12/04/12 14:13  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/08 THRU 12/08

PAGE 1  
program 10-2-7

2008

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 50-0000 THRU 59-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA () = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 08	378	17613.3	46.6
FEB 08	378	16562.6	43.8
MAR 08	374	14783.9	39.5
APR 08	374	17835.9	47.7
MAY 08	376	16761.6	44.6
JUN 08	385	19906.4	51.7
JUL 08	393	22555.6	57.4
AUG 08	408	22398.1	54.9
SEP 08	413	28552.8	69.1
OCT 08	419	22780.0	54.4
NOV 08	422	22625.4	53.6
DEC 08	425	16784.0	39.5
=====			
TOTALS	4745	239159.6	50.4

→ 5040 gals

SE

RUN DATE: 12/04/12 14:15  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/09 THRU 12/09

2009

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 50-0000 THRU 59-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 09	421	18846.9	44.8
FEB 09	424	18922.1	44.6
MAR 09	426	13852.8	32.5
APR 09	429	16454.2	38.4
MAY 09	428	17993.6	42.0
JUN 09	430	23431.6	54.5
JUL 09	432	20905.9	48.4
AUG 09	432	21052.7	48.7
SEP 09	436	24310.1	55.8
OCT 09	442	22880.0	51.8
NOV 09	438	22340.7	51.0
DEC 09	437	18200.6	41.6
=====	=====	=====	=====
TOTALS	5175	239191.2	46.2

→ 4620 gals

SE

RUN DATE: 12/04/12 14:17  
TERMINAL: 1

JESSAMINE - SOUTH ELKHORN WATER DIST  
HISTORY TRACKING BY ACCOUNT NUMBER  
MONTHLY LISTING (BILLING/USAGE) FOR 01/10 THRU 12/10

2010

SERVICE: W WATER  
MINIMUM AVERAGE USAGE: NONE

ACCOUNT RANGE: 50-0000 THRU 59-9999  
usage converted

U = USAGE    AU = AVERAGE USAGE    UA() = NUMBER OF USAGE ADJUSTMENTS INCLUDED IN USAGE

REPORT TOTALS

	NUMBER OF BILLS	TOTAL USAGE	AVERAGE USAGE
JAN 10	438	17364.7	39.6
FEB 10	439	19456.5	44.3
MAR 10	436	15060.1	34.5
APR 10	432	16817.9	38.9
MAY 10	439	20122.6	45.8
JUN 10	443	22931.8	51.8
JUL 10	448	25876.7	57.8
AUG 10	449	19179.7	42.7
SEP 10	450	25508.3	56.7
OCT 10	449	22545.9	50.2
NOV 10	442	18007.2	40.7
DEC 10	436	16157.5	37.1
TOTALS	5301	239028.9	45.1

→ 4510 gals



**Jessamine-South Elkhorn Water District**

**Information Request No. 17:** Refer to the April 22, 2011 letter from L. Nicholas Strong to John E. Johnson produced at tab 38 of JSEWD's Exhibit Volume. Please explain fully the "extenuating circumstances" that caused JSEWD to pursue funding through a bond issue instead of the United States Department of Agriculture.

**Answer:** The phrase "extenuating circumstances" was used instead of explaining that it was cheaper for JSEWD to issue bonds under the auspices of the Kentucky Rural Water Finance Corporation rather than to borrow funds from USDA-RD.

**[Witness: L. Nicholas Strong]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 18:** Refer to the July 7, 2010 minutes produced at tab 42 of JSEWD's Exhibit Volume.

- (a) Provide a description of the "12" Catnip Hill loop," including its purpose;
- (b) Explain if this loop is related to the water tank proposed in this proceeding; and
- (c) Provide the status of the loop project, specifically if and when it was completed.

**Answer:**

- (a) **The loop was a continuation of the 12" main constructed by the Developer along the south boundary of Forest Hills Subdivision with Sue Switzer which terminated at Chinkapin Lane. The loop began at the southeast corner of Forest Hills and then extended south along the Rash/Switzer property line to the water main on Catnip Hill Pike. PURPOSE: to complete the looping of the Developer constructed 12" main from the existing 50,000 gallon tank to the proposed tank site and Catnip Hill Pike.**
- (b) **Yes.**
- (c) **Per the minutes, finished and accepted July 7, 2010.**

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 19:** Refer to the November 4, 2009 minutes produced at tab 42 of JSEWD's Exhibit Volume.

- (a) Explain the circumstances through which JSEWD acquired 12" pipe that was recommended to be used at the "new tank site project";
- (b) Explain if and when the pipe was installed; and
- (c) Provide a map, diagram, or other illustration denoting where the pipe was installed.

**Answer:**

- (a) As stated in the minutes, the pipe was leftover from the US 68 relocation project.**
- (b) See Answer to Supplemental Request No. 18(c).**
- (c) See attached Catnip-Chinkapin Connector As-built.**

**[Witness: John G. Horne]**



**Jessamine-South Elkhorn Water District**

**Information Request No. 20:** Please identify all pipelines installed or modified in connection with or related to the water tank proposed in this proceeding and produce:

- (a) Invoices or comparable documentation that set forth the costs of installation or modification;
- (b) The name of the persons or entities that performed the installation or modification;
- (c) The date(s) on which the installation or modification occurred; and
- (d) A map, diagram, or other illustration denoting where the pipe was installed or modified.

**Answer: Objection. The request is vague and subject to multiple interpretations, in that it requests information about pipeline projects that are “related to” or “connected to” the water tank proposed in this proceeding without defining the terms “related to” or “connected to”. After the proposed tank site was acquired, in the broadest sense, ALL project decisions made by JSEWD relative to the NW Area factored in the future construction of a storage tank at this proposed site. Notwithstanding the objection, JSEWD replies as follows with respect to those projects in either closest geographical proximity or most directly functionally related to the proposed water tank.**

- (a) - See attachments to this Request and attachments to Request No. 11.

(b) and (c) - KYTC US 68 Relocation Project - work performed at the direction of KYTC when the District's mains were moved due to the relocation and widening of US 68. Cost was fully reimbursed by KYTC in 2008.

Forest Hills Development and ABR Construction, Inc. (2006) - construction by developer (Barry Mangold) of loop line from 50,000 gallon tank to end of Chinkapin Drive - JSEWD paid the added cost (\$39,690.01) of upsizing the line from the usual 6" required to 12".

Ron Eldridge Construction, Inc. (2010) -- construction of 12" line from end of Chinkapin Drive past the proposed tank site to the water main on Catnip Hill Pike.

(d) - See attached Aerial Location Map.

[Witness: Counsel and John G. Horne]



ABR Construction, Inc.

555 West Fourth Street  
Lexington, KY 40508  
Phone: 859-254-2866  
Fax: 859-255-2712  
mailbox@abrconstruction.com

March 16, 2006

Board of Commissioners  
Jessamine South Elkhorn Water District


Re: Water Line Upgrade  
Forest Hills Subdivision

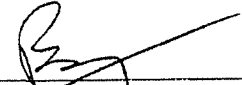
To the Board of Commissioners:

Please be advised that ABR Construction Inc. and Forest Hills Development are in agreement for the water line upgrade in the Forest Hills Subdivision with the price of \$39,690.01. We are also in agreement for you to make the check payable to ABR Construction Inc.

Thank you for your time in this matter and if we can be of further assistance, please feel free to contact me at (859) 227-9215.

Sincerely,

  
Christian H. Ach, President      3/16/06  
ABR Construction Inc.      Date

  
Barry Mangold      3-16-06  
Forest Hills Development      Date

#1018  
9-7-06

# Horne Engineering, Inc.

216 SOUTH MAIN STREET • NICHOLASVILLE, KENTUCKY 40356 • (859)885-9441 • FAX (859)885-5160

ENGINEERS • LAND SURVEYORS • PLANNERS

email@horneeng.com

## MEMORANDUM

To: Board of Commissioners  
Jessamine South Elkhorn Water District

From: John G. Horne PE, PLS  
Consulting Engineer

Date: January 31, 2006

Subject: Material Cost Comparison of 12" vs. 6" Pipe Size for Forest Hills Subdivision Loop Line

Attached is a table summary of material cost which we have revised from our December 14, 2005 memorandum, based on our field measurement of the installed line and cost summaries supplied by ABR Construction, Inc. Field measurement was accomplished by "rolling" the ditch line with a measuring wheel and noting install appurtenances.

There is a dispute as to precisely what constitutes the material cost differential. This summary is based on the following premise.

1. We utilized the material description of ABR Construction, Inc.'s suppliers, with the exception of Romac Gripping. This item is not specified and is an extra elected by the contractor.
2. Length of pipe is 3625', not 5120' (difference of 1495'), based on actual field measurement.
3. My notes of original agreement specified material cost to be limited to pipe and gate valves. Therefore, I have presented two (2) scenarios for your information.

Based on the above premises, the material cost differential for this portion of the project is:

12" vs. 6" (All Materials)	\$41,815.24
-------------------------------	-------------

12" vs. 6" (GV & Pipe)	<u>\$39,690.01</u>
---------------------------	--------------------

Difference	<u>\$ 2,125.23</u>
------------	--------------------

JGH/jt

cc: ABR Construction, Inc./Barry Mangold  
Bruce E. Smith  
Glenn T. Smith  
Engr/3683  
Engr/3710  
Corr.

Q:\ProjectDir\jsewd\WO3683\JSEWDCommMatCostComp.mem



**Material Cost Comparison  
12" vs 6"  
(All Material)  
Forest Hills Subdivision  
Harrodsburg Road  
Jessamine County  
Jessamine South Elkhorn Water District**

Item Desc.	Quantity	12" Cost		6" Cost	
		Unit Cost	Total Cost	Unit Cost	Total Cost
G.V.	4	\$ 938.76	\$ 3,755.04	\$ 298.76	\$ 1,195.04
Trans	4	\$ 28.29	\$ 113.16	\$ 16.50	\$ 66.00
EII	2	\$ 356.56	\$ 713.12	\$ 68.89	\$ 137.78
Tee	4	\$ 389.60	\$ 1,558.40	\$ 88.94	\$ 355.76
Red	1	\$ 196.00	\$ 196.00	\$ -	\$ -
PVC	3625	\$ 13.26	\$ 48,067.50	\$ 3.65	\$ 13,231.25
Cap	1	\$ 51.26	\$ 51.26	\$ 20.31	\$ 20.31
<b>Total</b>			<b>\$ 54,454.48</b>		<b>\$ 15,006.14</b>

Difference		\$ 39,448.34
+ Sales tax (6%)		\$ 2,366.90
	<b>Total</b>	<b><u>\$ 41,815.24</u></b>

**Material Cost Comparison  
12" vs 6"  
(GV & Pipe Only)  
Forest Hills Subdivision  
Harrodsburg Road  
Jessamine County  
Jessamine South Elkhorn Water District**

Item Desc.	Quantity	12" Cost		6" Cost	
		Unit Cost	Total Cost	Unit Cost	Total Cost
G.V.	4	\$ 938.76	\$ 3,755.04	\$ 298.76	\$ 1,195.04
Trans	4	\$ 28.29	\$ 113.16	\$ 16.50	\$ 66.00
Ell	2	\$ -	\$ -	\$ -	\$ -
Tee	4	\$ -	\$ -	\$ -	\$ -
Red	1	\$ -	\$ -	\$ -	\$ -
PVC	3625	\$ 13.26	\$ 48,067.50	\$ 3.65	\$ 13,231.25
Cap	0	\$ 51.26	\$ -	\$ -	\$ -
<b>Total</b>			<b>\$ 51,935.70</b>		<b>\$ 14,492.29</b>
				<b>\$ 37,443.41</b>	
Difference				<b>\$ 2,246.60</b>	
+ Sales tax (6%)				<b>\$ 39,690.01</b>	
			<b>Total</b>	<b>\$ 39,690.01</b>	

**RON ELDRIDGE EXCAVATING INC.**

1337 SOUTH MAIN STREET  
 NICHOLASVILLE, KY 40356  
 859-887-2620

**Invoice**

Date	invoice #
1/29/2010	1617

Bill To
JESSAMINE-SOUTH ELKHORN WATER DISTRICT 802 S. MAIN STREET NICHOLASVILLE, KY 40356

*Tank*

Terms	Telephone Number
Due on receipt	859-881-0589

Description	Qty	Rate	Amount
JOB REFERENCE: CATNIP HILL/FOREST HILL WATER LINE EXTENSION WORK COMPLETED TO DATE			
WORK COMPLETED ON 1/12/2010			
GRUBBED AND CLEANED AREAS			
IHI 351 MINI EXCAVATOR W/OPERATOR	4	65.00	260.00
LABOR	5	38.00	190.00
LABOR	4	38.00	152.00
WORK COMPLETED ON 1/13/2010			
GRUBBED AREAS FOR NEW WATER LINE			
PC 50 MINI EXCAVATOR	9	65.00	585.00
LABOR	9	38.00	342.00
LABOR	8	38.00	304.00
LABOR	8.5	38.00	323.00
WORK COMPLETED ON 1/14/2010			
MOVED PIPE, FLUSHED PIPE AND CHLORINATED			
LABOR	9	38.00	342.00
CASE 580 BACKHOE W/OPERATOR	3	65.00	195.00
SINGLE AXLE DUMP TRUCK	2	55.00	110.00
LABOR	6	38.00	228.00
LABOR	4	38.00	152.00
LABOR	4	38.00	152.00
We appreciate your prompt payment.		<b>Total</b>	\$5,335.00

RON ELDRIDGE EXCAVATING INC.

1337 SOUTH MAIN STREET  
 NICHOLASVILLE, KY 40356  
 859-887-2620

# Invoice

Date	Invoice #
4/30/2010	1697

Bill To
JESSAMINE-SOUTH ELKHORN WATER DISTRICT 802 S. MAIN STREET NICHOLASVILLE, KY 40356

Terms	Telephone Number
Due on receipt	859-881-0589

Description	Qty	Rate	Amount
JOB REFERENCE: CATNIP HILL 12" WATERTOWER LINE			
12" PVC WATERLINE	1,220	9.00	10,980.00
9 BENDS	9	50.00	450.00
3-12" VALVES	3	350.00	1,050.00
We appreciate your prompt payment.			<b>Total</b> \$12,480.00

*Cap Conat  
 #1027  
 5-7-10*

ON ELDRIDGE EXCAVATING INC.

1337 SOUTH MAIN STREET  
 NICHOLASVILLE, KY 40356  
 859-887-2620

# Invoice

Date	Invoice #
5/28/2010	1714

Bill To
JESSAMINE-SOUTH ELKHORN WATER DISTRICT 802 S. MAIN STREET NICHOLASVILLE, KY 40356

Terms	Telephone Number
Due on receipt	859-881-0589

Description	Qty	Rate	Amount
WORK COMPLETED ON 5/25/2010- CATNIP HILL <del>12" TOWER</del> LINE CLEAN UP SKID STEER W/OPERATOR	8	90.00	720.00
MINI EXCAVATOR W/OPERATOR	7	90.00	630.00
242 SKID STEER W/OPERATOR	4.5	90.00	405.00
WORK COMPLETED ON 5/26/2010- CATNIP HILL <del>12" TOWER</del> LINE CLEAN UP MINI EXCAVATOR W/OPERATOR	7.5	90.00	675.00
PC 50 MINI EXCAVATOR W/OPERATOR	3.5	90.00	315.00
SINGLE AXLE DUMP TRUCK	12	60.00	720.00
304CR CAT MINI EXCAVATOR W/OPERATOR	6	90.00	540.00
WORK COMPLETED ON 5/26/2010- 111 SAPHIRE NEW 3/4" SERVICE (S/N 71677428)		700.00	700.00
WORK COMPLETED ON 5/26/2010- CARL WAITS BARN ACCESS INSTALLED DRAINAGE PIPE AND ROCK	5.5	63.00	346.50
1 MAN AND A TRUCK	5.5	90.00	495.00
IHI MINI EXCAVATOR W/OPERATOR		935.36	935.36
MATERIALS: 60 FT. DRAINAGE PIPE AND ROCK			
WORK COMPLETED ON 5/27/2010- CATNIP HILL <del>12" TOWER</del> LINE CLEAN UP- SEED, FERTILIZE AND STRAW AREA	6.5	108.00	702.00
3 MEN AND A TRUCK	4	90.00	360.00
SKID STEER W/OPERATOR		336.50	336.50
MATERIALS: 44 BALES OF STRAW, 300 LB. OF FERTILIZER AND 100 LB. OF SEED.			
COMMUNICATION CHARGE		150.00	150.00

We appreciate your prompt payment.

**Total**

\$26,946.41

8794.39 R  
 750.00 M  
 4803.48 S  
 5403.50 E

-700.00  
 -225.00

*Copy Cont  
 #1029  
 6-11-10*

**THE C.I. THORNBURG CO.,INC.**  
**PO BOX 2163**  
**4034 ALTIZER AVENUE**  
**HUNTINGTON, WV 25705**  
**304-523-3484 Fax 304-523-0510**

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
03/31/10	S1471187.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	CATNIP HILL	<i>Yank pit</i>	2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1471187.1	CF-CALL FOR	03/31/10	03/31/10			
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
12"x90 DI C153 MJ SSB ELL	1	1	ea	296.100	296.10	
12"x45 DI C153 MJ SSB ELL	1	1	ea	256.050	256.05	
12"x22-1/2 DI C153 MJ SSB ELL	1	1	ea	231.300	231.30	
12"x11-1/4 DI C153 MJ SSB ELL	1	1	ea	211.950	211.95	
12"x12" DI C153 MJ SSB SOLID SLEEVE	1	1	ea	240.750	240.75	
12" C153 MJ TRANSITION GLAND PACK with MJ GLAND, MJ TRANSITION GASKET and T-HEAD BOLTS with NUTS	10	10	ea	0.000	0.00	
				<b>SUBTOTAL</b>	1236.15	
				<b>FREIGHT</b>	0.00	
				<b>SALES TAX</b>	0.00	
				<b>AMT DUE</b>	1236.15	

*Cap Count  
# 1025  
4-9-10*

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
03/31/10	S1471336.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	WATER TOWER SITE LIN		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1471336.1	R27S.OUR TRUCK		03/31/10	03/31/10		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
12"x20' CL-200 SDR-21 R/T PVC PIPE		120	120	ft	14.380	1725.60
					SUBTOTAL	1725.60
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	1725.60

*Cap Cost  
# 1026  
4-23-10*

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\* Invoice \*\*\*

INVOICE DATE	INVOICE NUMBER
05/05/10	S1475267.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	JOHNNY <i>LANE</i>		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED		ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1475267.1	CF-CALL FOR	05/05/10		05/05/10		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
12"x3/4"CC STYLE 202U-13.20 DOUBLE STRAP SERVICE SADDLE (12.00-13.20)		1	1	ea	79.880	79.88
3/4" H-15008 CCxCOMP(CTS) CORP STOP		1	1	ea	23.340	23.34

SUBTOTAL	103.22
FREIGHT	0.00
SALES TAX	0.00
AMT DUE	103.22

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.



**THE C.I. THORNBURG CO.,INC.**  
**PO BOX 2163**  
**4034 ALTIZER AVENUE**  
**HUNTINGTON, WV 25705**  
**304-523-3484 Fax 304-523-0510**

**\*\* Credit Memo \*\***

INVOICE DATE	INVOICE NUMBER
04/08/10	S1472299.2
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO. 1	

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.
767	RETURN <i>bank</i>		2	COLDAV	
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1472299.2	CF-CALL FOR	04/08/10	04/08/10		
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
12"x22-1/2 DI C153 MJ SSB ELL ** Original Sale : S1471187.001 **	-1	-1	ea	231.300	-231.30
12"x45 DI C153 MJ SSB ELL ** Original Sale : S1471187.001 **	-1	-1	ea	256.050	-256.05
12"x11-1/4 DI C153 MJ SSB ELL ** Original Sale : S1471187.001 **	-1	-1	ea	211.950	-211.95
12" C153 MJ TRANSITION GLAND PACK with MJ GLAND, MJ TRANSITION GASKET and T-HEAD BOLTS with NUTS ** Original Sale : S1471187.001 **	-6	-6	ea	0.000	0.00
8"x12" DI C153 MJ SSB SOLID SLEEVE ** Original Sale : S1468639.001 **	-2	-2	ea	113.880	-227.76
8"x4" DI C153 MJxPE SEB REDUCER ** Original Sale : S1467650.001 **	-2	-2	ea	79.650	-159.30
12"x8" DI C153 PEXPE REDUCER ** Original Sale : S1467650.001 **	-2	-2	ea	87.750	-175.50
8" STD C153 MJ ACCESSORY SET with MJ GLAND, STD MJ GASKET, and T-HEAD BOLTS with NUTS ** Original Sale : S1468639.001 **	-4	-4	ea	0.000	0.00
8" RG-PVCAP-D RomaGrip PVC PIPE RESTRAINT ACCESSORY PACK - RED (8.63-9.05) ** Original Sale : S1467650.001 **	-2	-2	ea	65.400	-130.80
				<b>SUBTOTAL</b>	-1392.66
				<b>FREIGHT</b>	0.00
				<b>SALES TAX</b>	0.00
				<b>AMT DUE</b>	-1392.66

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
05/14/10	S1476503.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	CATNIP HILL <i>bank</i>		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED		ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1476503.1	CF-CALL FOR	05/14/10		05/14/10		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
18" VESTAL RMC-18L w/SN NON-REC CI METER BOX RING & COVER w/SMALL NUT 32-023		1	1	ea	50.000	50.00
18"x24" WHITE PE CORR METER BOX		1	1	ea	30.000	30.00
18"x12" PVC METER BOX EXTENSION		1	1	ea	44.760	44.76
12"x3/4"CC 313-00143207-000 DS SERVICE SADDLE (12.62-14.32)		1	1	ea	69.750	69.75
3/4" H-10045 CCxFIPT CORP STOP		1	1	ea	29.190	29.19
3/4"x6" STD BRASS NIPPLE		2	2	ea	5.970	11.94
3/4"x90 125# BRASS THRD STREET ELL		2	2	ea	4.920	9.84
3/4" AYM 2032T FULL PORT BRASS BALL VALVE		1	1	ea	12.620	12.62
					<b>SUBTOTAL</b>	258.10
					<b>FREIGHT</b>	0.00
					<b>SALES TAX</b>	0.00
					<b>AMT DUE</b>	258.10

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
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 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
03/12/10	S1469156.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	mike	Tank site	2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1469156.1	CF-CALL FOR	03/12/10	03/12/10			
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
12"x4" DI C153 MJ SSB REDUCER	2	2	ea	148.050	296.10	
3/4" DUCT IRON LUG	20	20	ea	2.430	48.60	
3/4" HEAVY HEX NUT	20	20	ea	0.600	12.00	

*Connections  
 #1151  
 3-26-10*

SUBTOTAL	356.70
FREIGHT	0.00
SALES TAX	0.00
AMT DUE	356.70

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
03/08/10	S1468639.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	MIKE Tank site		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED		ORDER DATE	
S1468639.1	R27S.OUR TRUCK		03/08/10		03/08/10	
1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.						
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
8"x12" DI C153 MJ SSB SOLID SLEEVE		2	2	ea	113.880	227.76
8" STD C153 MJ ACCESSORY SET with MJ GLAND, STD MJ GASKET, and T-HEAD BOLTS with NUTS		4	4	ea	0.000	0.00
12" STD C153 MJ ACCESSORY SET with MJ GLAND, STD MJ GASKET, and T-HEAD BOLTS with NUTS		2	2	ea	29.880	59.76

*Connections  
 # 1150  
 3-19-10*

SUBTOTAL	287.52
FREIGHT	0.00
SALES TAX	0.00
AMT DUE	287.52

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
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 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.  
 PO BOX 2163  
 4034 ALTIZER AVENUE  
 HUNTINGTON, WV 25705  
 304-523-3484 Fax 304-523-0510

\*\*\*\* Invoice \*\*\*\*

INVOICE DATE	INVOICE NUMBER
05/21/10	S1477310.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	CATNIP HILL <i>tank</i>		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED		ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1477310.1	CF-CALL FOR	05/21/10		05/21/10		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
6" A-2360-23 MJ RW GATE VALVE, OPEN LEFT, less STD MJ ACCESSORIES		1	1	ea	447.710	447.71
6" GRAP-IP GRIPRING ACCESSORY PACK		3	3	ea	59.850	179.55
					SUBTOTAL	627.26
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	627.26

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

**THE C.I. THORNBURG CO.,INC.**  
**PO BOX 2163**  
**4034 ALTIZER AVENUE**  
**HUNTINGTON, WV 25705**  
**304-523-3484 Fax 304-523-0510**

**\*\*\* Invoice \*\*\***

INVOICE DATE	INVOICE NUMBER
03/30/10	S1471043.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	1

BILL TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

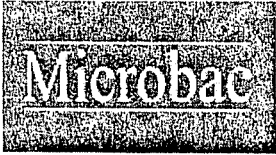
SHIP TO:

JESSAMINE SOUTH ELKHORN  
 WATER DISTRICT  
 P O BOX 731  
 NICHOLASVILLE, KY 40340-0731

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
767	catnip hill waterlin		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1471043.1	CF-CALL FOR	03/30/10	03/30/10			
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
#12 THHN COATED SOLID COPPER WIRE in 500' ROLLS	1500	1500	ft	0.180	270.00	
2"x1000' DETECTABLE MARKING TAPE BLUE WATER	2	2	rl	25.000	50.00	
QUART CAN PIPE LUBRICANT	12	12	ea	5.500	66.00	

<b>SUBTOTAL</b>	386.00
<b>FREIGHT</b>	0.00
<b>SALES TAX</b>	0.00
<b>AMT DUE</b>	386.00

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE  
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.  
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,  
 HANDLING AND FREIGHT CHARGES.  
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.



®

# Microbac Laboratories, Inc.

Member

KENTUCKY TESTING LABORATORY DIVISION  
3323 Gilmore Industrial Blvd. Louisville, KY 40213 502.962.6400 Fax: 502.962.6411  
Evansville, IN 812.464.9000 | Lexington, KY 859.276.3506 | Paducah, KY 270.898.3637



## INVOICE NO. 71605

Page 1 of 1

Customer #: 6123  
Customer P.O.:  
Invoice Date: 5/26/2010  
Date Received: 05/24/2010

JESSAMINE-S ELKHORN WATER DIST  
DIANA CLARK  
PO BOX 731  
NICHOLASVILLE KY 40340-0731

*hand*

PLEASE REMIT PAYMENT BY:  
**6/25/2010**

THANK YOU FOR YOUR BUSINESS!

WO #:	1005-01472	JESSAMINE S. ELKHORN - BACTI	AMOUNT
001)	END FIRE HYDRANT CHINKAPIN - GRAB	Date & Time Sampled 5/24/2010 @ 14:30:	
	CHLORINE, TOT. RESIDUAL-FLD		\$0.00
	[Coliform and E. Coli]		\$18.10
	ENVIRONMENTAL FEE		\$11.60
002)	END FIRE HYDRANT CHINKAPIN - GRAB	Date & Time Sampled 5/24/2010 @ 14:40:	
	CHLORINE, TOT. RESIDUAL-FLD		\$0.00
	[Coliform and E. Coli]		\$18.10

To ensure that your account is properly credited, please include all invoice numbers on your check or return a copy of this invoice with your payment!	Amount Due ==>	\$	<b>47.80</b>
--	----------------	----	--------------



# Microbac Laboratories, Inc.

KENTUCKY TESTING LABORATORY DIVISION  
3323 Gilmore Industrial Blvd. Louisville, KY 40213 502.962.6400 Fax: 502.962.6411  
Lexington 859.276.3506 • Paducah 270.898.3637 • Evansville 812.464.9000



Chemical, Biological, Physical, Molecular, and Toxicological Services

## CERTIFICATE OF ANALYSIS

JESSAMINE-S ELKHORN WATER DIST  
DIANA CLARK  
PO BOX 731  
NICHOLASVILLE, KY 40340-0731

1005-01472

Date Reported 05/26/2010  
Date Due 06/01/2010  
Date Received 05/24/2010  
Date Sampled 05/24/2010  
Invoice No. 71605  
Customer # 6123  
Customer P.O.

JESSAMINE S. ELKHORN - BACTI

Analysis	Out of Spec	Qualif	Result	Unit	Min	Max	Method	PQL or Std Limit	Date	Time	Tech
<b>Sample: 001 END FIRE HYDRANT CHINKAPIN - GRAB 2 B @ 0:00 Sampled 05/24/2010 @ 14:30</b>											
CHLORINE, TOT. RESIDUAL-FLD			2.20	MG/L			SM4500 CL2 G	0.01	05/24/10	14:30	CUS
[Coliform and E. Coli]							SM-9223B				
COLIFORM, TOTAL - COLILERT			ABSENT	PER 100ML			SM 9223B	1	05/24/10	16:05	CTF
E. COLI - COLILERT			NA	PER 100ML			SM 9223B	1	05/24/10	16:05	CTF
<b>Sample: 002 END FIRE HYDRANT CHINKAPIN - GRAB 2 B @ 0:00 Sampled 05/24/2010 @ 14:40</b>											
CHLORINE, TOT. RESIDUAL-FLD			2.20	MG/L			SM4500 CL2 G	0.01	05/24/10	14:40	CUS
[Coliform and E. Coli]							SM-9223B				
COLIFORM, TOTAL - COLILERT			ABSENT	PER 100ML			SM 9223B	1	05/24/10	16:05	CTF
E. COLI - COLILERT			NA	PER 100ML			SM 9223B	1	05/24/10	16:05	CTF

THIS REPORT HAS BEEN REVIEWED AND APPROVED FOR RELEASE:

LABORATORY DIRECTOR, KENTUCKY DIVISION

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate Federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Andrew Clifton, the Laboratory Director at 502.962.6400. You may also contact both James Nokes, President and Robert Morgan, Chief Operating Officer at president@microbac.com.



SAMPLE CATEGORY = TC

KENTUCKY DIVISION OF WATER/DRINKING WATER BRANCH  
BACTERIOLOGICAL ANALYSIS REPORT FORM

General Information -- This Section To Be Completed By Collector

PWS ID	KY0570249	Compliance Period (MMYYYY)	052010
PWS Name	JESSAMINE-S ELKHORN WATER DIS	PWS Contact	TOM SM'TH
	PO BOX 731	Collection Date (MMDDYYYY)	05242010
	NICHOLASVILLE, KY 40340	<small>(All Samples Reported on this Form were Collected on this Date.)</small>	
PWS Address		PWS Phone	859-881-0589
		Collector Name	CLIENT 5/24/2010
			Signature/Date

General Information -- This Section To Be Completed By Lab

Lab ID	00040	Lab Receipt Date (MMDDYYYY)	05242010	Total Coliform Analysis Method Code	309
		Analysis Date (MMDDYYYY)	05242010	E Coli Analysis Method Code	309
Lab Analyst	CHRIS FUGATE	5/24/2010	Signature/Date	Lab Supervisor	LISA MARTIN
					5/26/2010
					Signature/Date

Sample Information -- This Section To Be Completed By Collector

Analysis Information -- This Section To Be Completed By Lab

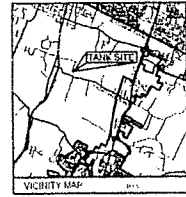
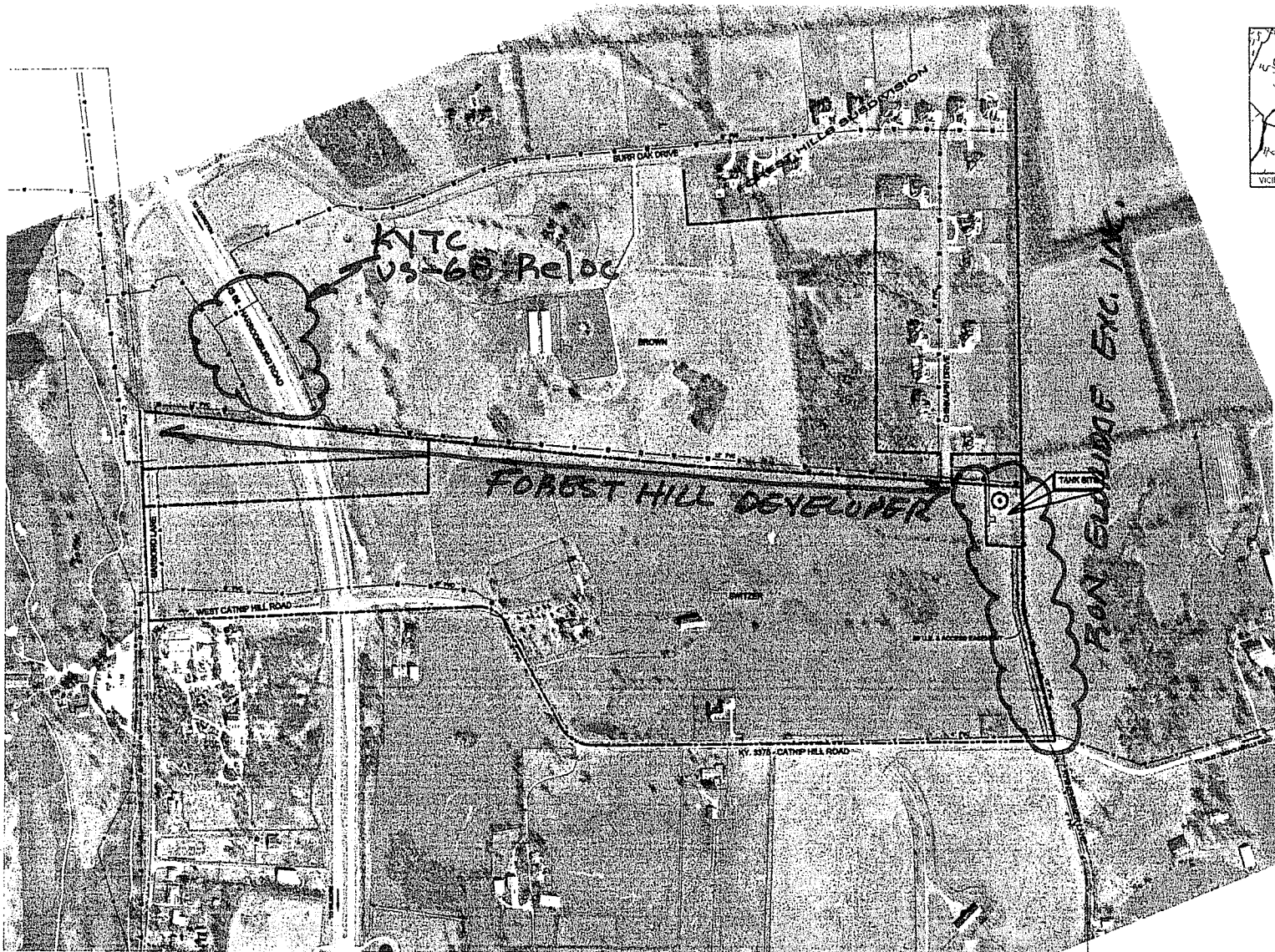
Sample Type (RT, RP, or SP) (See Key)	Special Sample Reason (A, B, C, D, or E) (See Key)	Replacement Sample (Y or Blank)	Location Code (See Instructions)	Repeat Location Code (DN, UP, or OR)	Sample Time (24 HR.)	Free Chlorine (Required for all disinfectants except Chloramine)	Total Chlorine (Required when disinfectant is Chloramine)	Lab Sample Number	Analysis Time (24 HR.)	Result (Total Coliform Count -or- TNTC -or- CNFG) (See Key)	Total Coliform (P/A)	E Coli (P/A)	Lab Sample Number of Original Sample (Required for Repeat and/or Replacement Samples) (See Instructions)
SP	B		S13		1430		2.20	1005-01472-001	16:05		A		
SP	B		S14		1440		2.20	1005-01472-002	16:05		A		

The signatures of this form certify by their signatures that collection and analysis of the water sample analyzed and the resulting data hereby submitted, were completed in accordance with the provisions of 401 KAR Chapter 8, specifically including but not limited to 401 KAR 8:200, Section 1 and 401 KAR 8:040; and that the data submitted on this form is a true and accurate report of the results of collection and analysis performed pursuant to the above-referenced regulations. Violations of 401 KAR Chapter 8 are subject to severe penalties prescribed in KRS 224.99-010, up to \$25,000 fine per day per violation and in some cases a violation may subject the violator to prison.

<b>Sample Type</b>	RT=Routine	RP = Repeat (For Compliance)	SP = Special (Not for Compliance)
<b>Special Sample</b> (Only if Sample Type = SP)	A - Suspected B - New Plant, Modification, or Line Extension	C - Treatment Modification	
<b>Check Sample:</b> (Only if Sample = RP)	DN= Downstream TNTC = Too Numerous to Count	UP = Upstream CNFG = Confluent Growth	E - Line Break, Emergency Repair OR = Original
<b>Result:</b>			



Q:\ECCES\WORK\1035689\AERIAL LOCATION.dwg, 12/21/2012 12:05:34 PM



NO.	REVISION	BY	DATE	CHK	DATE	SCALE	CATNIP HILL PIKE 1.0MG ELEVATED STORAGE TANK JESSAMINE SOUTH ELKHORN WATER DISTRICT 802 SOUTH MAIN STREET, NICHOLASVILLE, KY. 40356	HORNE ENGINEERING, INC. ENGINEERS - PLANNERS - LAND SURVEYORS 210 SOUTH MAIN STREET - NICHOLASVILLE, KY. 40356 (606) 885-4441 FAX (606) 885-2100	AERIAL LOCATION MAP	SHEET
						N.T.S.				

**Jessamine-South Elkhorn Water District**

**Information Request No. 21:** Please refer to the Capital Improvement Program-System Storage filed in Case No. 2006-00156 (the "CIP"). At page 6, the following sentence appears: "This position was also supported in the 1980's during a period of high drought where the demand within the District was far in excess of the delivery capability at the interconnection, and demonstrated that in-system storage was not only desirable, but required, if the District was to maintain its self-imposed criteria of service delivery."

(a) Please describe in detail JSEWD's "self-imposed criteria of service delivery" as used in the foregoing sentence.

(b) Does JSEWD still use the same criteria? If not, please describe in detail the criteria of service delivery currently utilized by JSEWD.

**Answer:**

**(a) Delivery without diminution or interruption of service.**

**(b) Yes.**

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 22:** Please refer to Table 1 in the CIP. Please update the table with the same data for each year beginning in 2006 to date.

**Answer: Objection.** JSEWD is under no obligation to update information contained in the CIP. Without waiving the objection, see Table 1 below:

**Table 1**

**Summary of Meter Services**  
**Jessamine South Elkhorn Water District**

Year	Meter Services						
	Northwest		Southeast		Total		Total All Services
	Residential	Commercial	Residential	Commercial	Residential	Commercial	
2006	1976	62	377	1	2353	63	2416
2007	2060	67	380	1	2440	68	2508
2008	2115	65	424	1	2539	66	2605
2009	2109	68	436	1	2545	69	2614
2010	2149	69	435	1	2584	70	2654
2011	2158	66	435	1	2593	67	2660
2012	2212	63	444	1	2656	64	2720

[Witness: Counsel and John G. Horne]

**Jessamine-South Elkhorn Water District**

**Information Request No. 23:** Please refer to page 14 of the CIP. The following sentence appears: “Based on an analysis of the Jessamine County Joint Planning Commission, Comprehensive Plan, as well as current in house inquiries regarding availability, one is to suspect that even this high rate of development will substantially increase within the next 5-10 years.”

(a) Please produce all documents containing or relating to the “analysis of the Jessamine County Joint Planning Commission, Comprehensive Plan.” Please describe in detail the analysis to which the CIP refers.

(b) Please produce all documents containing or relating to “current in house inquiries regarding availability.” Please describe in detail the inquiries to which the CIP refers and the responses thereto.

**Answer:** There are no documents. However, an explanation of how the analysis was performed and the conclusions were drawn follows:

**(a)** Three (3) years of meetings with the Comprehensive Plan (“CP”) Update Committee and study of the 2004 CP with associated Future Land Use Map, coupled with 35 years experience of development in Jessamine County either as a design engineer, plan reviewer or utility consultant. **(b)** As the engineering consultant for the Jessamine-South Elkhorn Water District, my office has and continues to receive inquiries from land owners, developers, and fellow engineers as to availability of water service. These inquiries are responded to in an informal manner, based on our past forty (40) years experience as regards the District and development.

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 24:** Please refer to Table 10 in the CIP. What are the units of measure represented by the numbers in the columns for “Monthly Totals 2004” and “Monthly Totals 2005?”

**Answer:**      **Gallons per Day (GPD)**

**[Witness: John G. Horne]**

**Jessamine-South Elkhorn Water District**

**Information Request No. 25:** Please refer to Table 10 in the CIP. Please provide a similar comparison for the years 2011 and 2012 or, if the data is not available, for the two most recent years the data is available.

**Answer: Objection.** JSEWD is under no obligation to update information contained in the CIP. Without waiving the objection, see the attached Comparison Monthly Use 2011 & 2012.

**[Witness: Counsel and John G. Horne]**



Table - 10

**Comparison  
Monthly Use 2011 & 2012  
Jessamine South Elkhorn Water District  
TOTAL USAGE (GPD)**

	<b>Monthly Totals 2011</b>	<b>Monthly Totals 2012</b>	<b>Percentage of Increase '11 vs: '12</b>
<b>January</b>	13334610	11468580	-14%
<b>February</b>	12191420	12303890	1%
<b>March</b>	11946390	11492550	-4%
<b>April</b>	10420610	12846440	23%
<b>May</b>	12307180	15233600	24%
<b>June</b>	19486700	24110230	24%
<b>July</b>	25959840	39867690	54%
<b>August</b>	28009970	23293890	-17%
<b>September</b>	24852160	26637660	7%
<b>October</b>	14507050	18595750	28%
<b>November</b>	13753490	16300240	19%
<b>December</b>	7576940	Not Available	--

**Jessamine-South Elkhorn Water District**

**Information Request No. 26:** Please refer to Table 12 in the CIP. Please update the table with the same data for each month beginning January 2006 to date.

**Answer: Objection. JSEWD is under no obligation to update information contained in the CIP. Without waiving the objection, see the attached Average Daily Use – NW Area for 2006-2012.**

**[Witness: Counsel and John G. Horne]**

**Table - 12**

**2006-2012  
Average Daily Use Per Customer  
Northwest Service Area  
Jessamine South Elkhorn Water District**

Month	Total Monthly Use (GPD)	Average GPD Daily	Number of Customers	Average Daily Use Per Customer (GPD)	Month	Total Monthly Use (GPD)	Average GPD Daily	Number of Customers	Average Daily Use Per Customer (GPD)
Jan-06	13129990	423548	1939	218	Jan-10	13602900	438803	2173	202
Feb-06	10929280	390331	1945	201	Feb-10	13288630	428665	2169	198
Mar-06	10878220	350910	1959	179	Mar-10	12191520	393275	2167	181
Apr-06	12212340	407078	1970	207	Apr-10	12261520	395533	2174	182
May-06	12185550	393082	1986	198	May-10	15827230	510556	2231	229
Jun-06	17315540	577185	1994	289	Jun-10	19052120	614585	2251	273
Jul-06	22931920	739739	2038	363	Jul-10	26395820	851478	2261	377
Aug-06	21929880	707415	2035	348	Aug-10	20847890	672513	2265	297
Sep-06	25334100	844470	2048	412	Sep-10	30414170	981102	2274	431
Oct-06	14290170	460973	2063	223	Oct-10	28647350	924108	2268	407
Nov-06	13741020	458034	2054	223	Nov-10	21045610	678891	2259	301
Dec-06	12233620	394633	2038	194	Dec-10	12489090	402874	2218	182
Jan-07	13035090	420487	2037	206	Jan-11	13334610	430149	2203	195
Feb-07	12463420	445122	2042	218	Feb-11	12191420	393272	2198	179
Mar-07	11474270	370138	2044	181	Mar-11	11946390	385367	2200	175
Apr-07	12400020	413334	2050	202	Apr-11	10420610	336149	2209	152
May-07	13204900	425965	2079	205	May-11	12307180	397006	2221	179
Jun-07	29796750	993225	2119	469	Jun-11	19486700	628603	2254	279
Jul-07	29868880	963512	2136	451	Jul-11	25959840	837414	2310	363
Aug-07	27907180	900232	2147	419	Aug-11	28009970	903547	2309	391
Sep-07	38981080	1299369	2152	604 **	Sep-11	24852160	801683	2283	351
Oct-07	26155970	843741	2164	390	Oct-11	14507050	467969	2294	204
Nov-07	24003280	800109	2165	370	Nov-11	13753490	443661	2259	196
Dec-07	13567560	437663	2127	206	Dec-11	7576940	244417	2227	110 *
Jan-08	12514910	403707	2111	191	Jan-12	11468580	369954	2223	166
Feb-08	12453760	444777	2108	211	Feb-12	12303890	396900	2218	179
Mar-08	11877300	383139	2115	181	Mar-12	11492550	370727	2224	167
Apr-08	12376300	412543	2122	194	Apr-12	12846440	414401	2229	186
May-08	14679080	473519	2158	219	May-12	15233600	491406	2254	218
Jun-08	19377440	645915	2196	294	Jun-12	24110230	777749	2316	336
Jul-08	27272080	879745	2220	396	Jul-12	39867690	1286055	2332	551
Aug-08	29908580	964793	2239	431	Aug-12	23293890	751416	2346	320
Sep-08	34693200	1156440	2234	518	Sep-12	26637660	859279	2338	368
Oct-08	33646010	1085355	2230	487	Oct-12	18595750	599863	2333	257
Nov-08	23849320	794977	2235	356	Nov-12	16300240	525814	2300	229
Dec-08	11637480	375403	2181	172					
Jan-09	14613430	471401	2152	219					
Feb-09	14647690	523132	2153	243					
Mar-09	9741100	314229	2146	146					
Apr-09	12009830	400328	2150	186					
May-09	13447160	433779	2183	199					
Jun-09	20250450	675015	2224	304					
Jul-09	21982750	709121	2241	316					
Aug-09	22983510	741404	2243	331					
Sep-09	19796830	659894	2248	294					
Oct-09	20403150	658166	2237	294					
Nov-09	12470170	415672	2199	189					
Dec-09	12203710	393668	2177	181					

\* Low use 110 GPD - Dec-11

\*\* High use 604 GPD - Sep-07

**Jessamine-South Elkhorn Water District**

**Information Request No. 27:** Please refer to page 65 of the CIP. The following sentence appears: “Based on the overall District peak use, and the indicative high demand peak use of the selected subdivisions, it would seem reasonable to establish a figure of 400 GPD as the expected storage design demand of the per household requirement in the Northwest Service area.”

(a) Please produce all documents containing or relating to any calculations by which the author of the CIP concluded that “it would seem reasonable to establish a figure of 400 GPD as the expected storage design demand of the per household requirement in the Northwest Service area.”

(b) Please explain in detail the reasoning of the author of the CIP in reaching the conclusion that “it would seem reasonable to establish a figure of 400 GPD as the expected storage design demand of the per household requirement in the Northwest Service area.”

**Answer:**

**(a) See CIP.**

**(b) See Chapter VIII, pages 54 to 72, and conclusion stated at page 65. However, based on a re-examination of the CIP by its author, it appears that this conclusion is very conservative insofar as it is based on the annual average daily use.**

**Reviewing the Public Service Commission Order of April 25, 2008 in “The application of Kentucky-American Water Company for a certificate of public convenience and necessity authorizing the construction of Kentucky River Station II, associated facilities and transmission main”, Case No. 2007-00134 at page 30, the Commission found:**

**“To determine the adequacy of existing service, the Commission is guided by KRS 278.010(14), which defines “adequate service” as**

**Having sufficient capacity to meet the maximum estimated requirements of the customer to be served during the year following the commencement of permanent service and to meet the maximum estimated requirements of other actual customers to be supplied from the same lines of facilities during such year and to assure such customers of reasonable continuity of service.**

**To further define a water utility’s obligation to procure an adequate source of supply, the Commission has promulgated 807 KAR 5:066, Section 10(4), which provides that “[t]he quantity of water delivered to the utility’s distribution system from all source facilities shall be sufficient to supply adequately, dependably and safely the total reasonable requirements of its customers under maximum consumption.”**

**807 KAR 5:066, Section 4(4)s states:**

**“(4) Storage. The minimum storage capacity for a system shall be equal to the average daily consumption.”**

**This regulation requires a “minimum” not a maximum which is stipulated by Section 10(4). Consequently, the conclusion of 400 GPD/customer reached in the CIP is very conservative.**

**In applying the standards set forth by the Commission from a system engineering standpoint, one only has to review the daily use logs. This review demonstrates that the proposed tank size of 1,000,000 is fully justified. This hypothesis is based on the attached summary listing of those days that the use demand exceeded 1,050,000 gallons in the test period from 2001 thru November 2012. During this period there were 364 days where the demand exceeded 1,050,000 gallons. Therefore, the proposition that the proposed tank should be 500,000 gallons in size is without merit. In fact, there are 38 days where the demand exceeded 1,550,000 gallons. Consequently, the proposed 1,000,000 gallon tank borders on being too small.<sup>3</sup>**

**Furthermore, JSEWD’s source of supply for its distribution system is its water storage tanks. JSEWD has a master meter type system with booster pumps.**

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<sup>3</sup> This point is further reinforced by the number of days in this period where the demand exceeded 1.6 million, 1.7 million, and 1.8 million gallons per day. Indeed, on July 1, 2012, JSEWD had a maximum day demand of 1,929,375 gallons, followed seven days later by a demand of 1,806,000 gallons.

**These pumps are designed to work intermittently as water in the tanks drop to certain, pre-determined levels. Normally, the booster pumps would run only at night to refill the tanks replacing the water used from these tanks by customers during the day and the early evening. These pumps are not intended or designed to run continuously.**

**[Witness: John G. Horne]**

**Maximum Daily Demand (GPD)**  
2001 - 2012

Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)
08/25/01	1,160,400	* 09/08/02	1,732,500	08/26/05	1,132,875	06/22/07	1,236,375	09/04/07	1,371,000	07/12/08	1,207,500
06/22/02	1,053,975	09/09/02	1,068,750	08/27/05	1,119,750	06/23/07	1,098,750	09/05/07	1,420,125	07/17/08	1,209,750
06/24/02	1,059,765	09/10/02	1,140,000	09/24/05	1,078,500	06/25/07	1,117,125	09/06/07	1,535,250	07/22/08	1,084,500
06/26/02	1,269,225	09/11/02	1,308,750	07/02/06	1,113,750	06/28/07	1,173,000	09/07/07	1,447,875	07/23/08	1,270,875
07/02/02	1,177,500	08/18/04	1,122,750	07/04/06	1,172,250	07/02/07	1,186,875	09/08/07	1,229,625	07/26/08	1,469,625
07/04/02	1,230,000	06/06/05	1,275,875	07/19/06	1,160,625	07/03/07	1,159,875	* 09/09/07	1,704,375	07/28/08	1,322,100
07/15/02	1,125,000	06/16/05	1,147,875	07/31/06	1,088,625	07/04/07	1,228,500	09/14/07	1,141,875	08/02/08	1,173,000
07/06/02	1,087,500	06/18/05	1,193,250	* 08/02/06	1,534,500	07/09/07	1,185,000	09/16/07	1,514,625	08/09/08	1,067,250
07/07/02	1,275,000	06/25/05	1,079,625	08/03/06	1,161,000	07/10/07	1,131,750	09/19/07	1,426,500	08/12/08	111,875
07/08/02	1,267,500	06/26/05	1,114,125	08/04/06	1,245,000	07/13/07	1,096,875	09/20/07	1,208,250	08/13/08	1,116,750
07/09/02	1,312,500	06/27/05	1,325,250	* 08/06/06	1,571,250	07/15/07	1,101,375	09/21/07	1,417,875	08/15/08	1,087,575
07/10/02	1,177,500	06/28/05	1,127,250	08/07/06	1,459,500	07/16/07	1,318,125	09/22/07	1,232,250	08/16/08	1,116,000
07/11/02	1,260,000	07/01/05	1,114,125	08/09/06	1,109,250	07/18/07	1,057,500	* 09/23/07	1,593,000	08/17/08	1,334,625
07/12/02	1,451,250	* 07/03/05	1,511,250	08/19/06	1,178,625	08/03/07	1,203,000	09/24/07	1,435,500	08/18/08	1,330,875
07/13/02	1,207,500	07/04/05	1,120,500	05/16/07	1,086,375	08/06/07	1,079,625	09/25/07	1,294,875	08/19/08	1,309,875
07/15/02	1,179,000	07/06/05	1,124,250	05/21/07	1,090,600	08/07/07	1,235,625	09/26/07	1,215,750	08/20/08	1,419,000
07/17/02	1,320,000	07/07/05	1,119,300	05/24/07	1,270,875	08/09/07	1,115,625	09/27/07	1,427,625	08/21/08	1,494,375
07/18/02	1,177,500	07/08/05	1,154,700	05/25/07	1,339,600	* 08/10/07	1,638,375	10/02/07	1,134,000	08/22/08	1,475,625
07/21/02	1,342,500	* 07/10/05	1,521,000	05/26/07	1,186,500	08/11/07	1,218,375	10/03/07	1,416,750	08/23/08	1,484,625
07/22/02	1,312,500	07/30/05	1,103,250	* 05/27/07	1,572,375	08/12/07	1,337,250	10/04/07	1,547,250	08/24/08	1,420,125
07/24/02	1,413,450	08/01/05	1,063,125	05/28/07	1,161,375	* 08/13/07	1,655,625	10/05/07	1,297,500	08/25/08	1,517,250
07/25/02	1,245,000	08/02/05	1,228,125	05/29/07	1,426,500	08/14/07	1,513,500	10/06/07	1,103,625	08/30/08	1,080,750
07/26/02	1,447,500	08/03/05	1,311,750	05/30/07	1,411,125	* 08/15/07	1,550,250	10/07/07	1,161,375	08/31/08	1,242,000
07/27/02	1,110,000	08/04/05	1,366,125	* 05/31/07	1,530,375	* 08/16/07	1,653,000	10/08/07	1,103,250	09/01/08	1,261,500
07/28/02	1,256,250	* 08/05/05	1,560,000	06/01/07	1,441,125	08/17/07	1,236,375	10/09/07	1,074,000	09/02/08	1,413,000
* 07/29/02	1,627,500	08/07/05	1,054,125	06/02/07	1,262,625	08/18/07	1,364,250	10/12/07	1,107,375	09/03/08	1,413,000
07/30/02	1,346,250	08/08/05	1,152,500	06/03/07	1,350,750	08/19/07	1,487,250	10/15/07	1,289,625	* 09/04/08	1,791,375
08/01/02	1,091,250	08/09/05	1,216,125	06/04/07	1,119,750	08/20/07	1,548,750	05/26/08	1,213,875	09/05/08	1,370,250
08/02/02	1,286,250	08/10/05	1,225,125	06/10/07	1,211,500	08/21/07	1,093,875	05/30/08	1,149,750	09/06/08	1,201,875
08/03/02	1,170,000	08/11/05	1,400,625	06/11/07	1,172,625	08/22/07	1,070,625	06/01/08	1,189,350	09/09/08	1,097,625
* 08/04/02	1,691,250	08/12/05	1,319,250	06/12/07	1,078,500	08/24/12	1,457,625	06/07/08	1,142,250	09/10/08	1,168,500
08/06/02	1,068,750	08/13/05	1,327,875	06/13/07	1,228,125	08/25/12	1,337,250	06/08/08	1,263,375	09/17/08	1,357,500
08/07/02	1,087,500	08/14/05	1,090,875	06/14/07	1,224,750	08/26/12	1,530,375	06/09/08	1,411,500	* 09/18/08	1,619,250
08/08/02	1,338,750	08/15/05	1,120,500	* 06/15/07	1,564,875	08/28/07	1,147,125	06/13/08	1,206,000	09/20/08	1,389,750
08/10/02	1,237,500	08/16/05	1,063,125	* 06/16/07	1,578,000	08/29/07	1,235,250	06/20/08	1,182,000	* 09/21/08	1,959,750
08/11/02	1,218,750	08/22/05	1,081,125	* 06/17/07	1,541,250	08/30/07	1,187,250	06/24/08	1,050,000	09/23/08	1,161,750
08/12/02	1,335,000	08/23/05	1,103,625	06/18/07	1,464,000	09/01/07	1,377,000	06/26/08	1,431,000	* 09/24/08	1,640,625
08/13/02	1,166,250	08/24/05	1,060,875	06/19/07	1,107,750	09/02/12	1,221,375	07/03/08	1,370,250	09/25/08	1,251,750
08/14/02	1,095,000	08/25/05	1,159,500	06/21/07	1,179,375	09/03/12	1,060,500	07/09/08	1,064,625	* 09/26/08	1,576,125



## Maximum Daily Demand (GPD)

2001 - 2012

Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)	Date	Demand (GPD)
09/27/08	1,291,875	08/31/10	1,167,375	07/27/11	1,094,250	07/10/12	1,145,250
09/28/08	1,276,125	09/01/10	1,104,000	07/29/11	1,197,375	* 07/11/12	1,559,250
09/29/08	1,153,875	09/02/10	1,423,875	07/30/11	1,204,875	07/13/12	1,173,000
09/30/08	1,340,625	09/05/10	1,312,500	08/01/11	1,056,000	08/02/12	1,215,375
10/04/08	1,064,750	09/06/10	1,356,750	08/02/11	1,091,250	08/08/12	1,081,875
10/05/08	1,176,000	09/07/10	1,099,125	08/03/11	1,184,250	08/13/12	1,054,875
10/06/08	1,215,375	09/10/10	1,168,125	08/06/11	1,256,250	08/19/12	1,152,750
10/07/08	1,461,750	09/12/10	1,147,500	08/29/11	1,064,250	08/25/12	1,126,875
10/14/08	1,115,250	09/13/10	1,095,375	09/01/11	1,086,375	08/26/12	1,097,625
10/16/08	1,282,500	09/15/10	1,141,875	09/02/11	1,229,625	08/27/12	1,098,350
05/25/09	1,202,625	09/19/10	1,104,000	09/03/11	1,135,500	08/31/12	1,077,375
06/01/09	1,076,250	09/20/10	1,249,875	09/04/11	1,258,125	* 09/02/12	1,718,625
06/02/09	1,192,875	09/22/10	1,158,750	05/26/12	1,655,250	10/15/12	1,169,250
06/07/09	1,520,250	09/24/10	1,198,500	05/28/12	1,185,750		
06/10/09	1,162,875	10/01/10	1,224,750	05/29/12	1,271,250		
06/22/09	1,096,875	10/08/10	1,176,750	06/08/12	1,117,500		
06/24/09	1,076,625	10/11/10	1,299,500	06/09/12	1,172,250		
07/04/09	1,131,375	10/18/10	1,122,375	06/10/12	1,214,625		
07/09/09	1,158,375	10/22/10	1,063,875	06/16/12	1,199,625		
07/10/09	1,093,125	10/24/10	1,138,125	06/17/12	1,172,625		
07/13/09	1,055,250	05/30/11	1,175,250	06/20/12	1,157,625		
07/14/09	1,301,250	06/06/11	1,339,575	06/21/12	1,348,500		
07/20/09	1,201,125	06/07/11	1,219,875	06/22/12	1,595,250		
09/07/09	1,152,750	06/08/11	1,465,125	06/23/12	1,336,875		
* 09/12/09	1,671,000	06/09/11	1,370,250	06/24/12	1,362,000		
06/09/10	1,137,375	06/11/11	1,103,625	* 06/25/12	1,550,250		
06/27/10	1,237,350	06/12/11	1,218,750	06/26/12	1,276,875		
06/30/10	1,055,625	* 06/13/11	1,638,750	06/27/12	1,510,500		
* 07/06/10	1,784,250	07/01/11	1,410,375	06/28/12	1,512,000		
07/08/10	1,392,375	07/02/11	1,296,000	* 06/29/12	1,693,125		
07/09/10	1,378,125	07/03/11	1,249,500	* 06/30/12	1,581,000		
08/06/10	1,250,250	07/05/11	1,289,250	* 07/01/12	1,929,375		
08/07/10	1,537,500	07/06/11	1,178,250	* 07/02/12	1,510,875		
08/10/10	1,308,875	07/08/11	1,103,250	* 07/03/12	1,777,500		
08/11/10	1,440,000	07/12/11	1,322,250	* 07/04/12	1,601,625		
08/13/10	1,256,250	07/16/11	1,095,375	07/05/12	1,339,875		
08/14/10	1,436,250	07/21/11	1,103,625	* 07/06/12	1,576,125		
08/24/10	1,160,625	07/22/11	1,288,500	* 07/07/12	1,667,250		
08/28/10	1,072,125	07/23/11	1,230,750	* 07/08/12	1,806,000		
08/30/10	1,375,500	07/24/11	1,301,750	07/09/12	1,197,375		

## CERTIFICATE OF SERVICE

I hereby certify that the foregoing Jessamine-South Elkhorn Water District's Responses to Forest Hills Residents' Association and William Bates' Supplemental Requests for Information was served by first class mail, postage prepaid and e-mail without exhibits, this the 2nd day of January, 2013, to:

Robert M. Watt, III, Esq.  
Stoll Keenon Ogden, PLLC  
300 West Vine Street, Ste. 2100  
Lexington, KY 40507-1801  
[robert.watt@skofirm.com](mailto:robert.watt@skofirm.com)

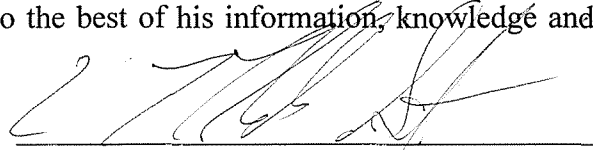


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BRUCE E. SMITH

**VERIFICATION**

The undersigned, L. Nicholas Strong, being duly sworn, deposes and says he is the Chairman of the Jessamine-South Elkhorn Water District, that he has personal knowledge of the matters set forth in the foregoing responses for which he is the identified witness and that the information contained therein is true and correct to the best of his information, knowledge and belief.



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L. Nicholas Strong, Chairman

COMMONWEALTH OF KENTUCKY  
COUNTY OF JESSAMINE, SCT...

Acknowledged, subscribed and sworn to me, a Notary Public in and before said County and State by L. Nicholas Strong, Chairman, this the 28 day of December, 2012.



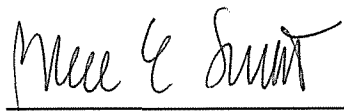
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NOTARY PUBLIC NO. 462930

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Bruce E. Smith, Esq.  
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**CO-COUNSEL FOR WATER DISTRICT**



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