Steven L. Beshear Governor

Robert D. Vance, Secretary Environmental and Public Protection Cabinet

Larry R. Bond Commissioner Department of Public Protection



Commonwealth of Kentucky **Public Service Commission**211 Sower Blvd.
P.O. Box 615

Frankfort Kentucky 40602-0615

Frankfort, Kentucky 40602-0615 Telephone: (502) 564-3940 Fax: (502) 564-3460 psc.ky.gov

May 29, 2008

John W. Clay Vice Chairman

Caroline Pitt Clark Commissioner

W. Randall Jones, Esq. Rubin & Hays Kentucky Home Trust Building 450 South Third Street Louisville, Kentucky 40202

Mr. Terry McNichols Barkley Lake Water District Post Office Box 308 Cadiz, Kentucky 42211

Re:

Case No. 2008-00097

Barkley Lake Water District

Gentlemen:

The enclosed document has been filed in the record of the above-referenced case.

∕Sincerely

Stephanie L. Stumbo Executive Director

Enclosure



INTRA-AGENCY MEMORANDUM

KENTUCKY PUBLIC SERVICE COMMISSION

TO: Case File No. 2008-00097

FROM: Gerald Wuetcher

Assistant General Counsel

DATE: May 28, 2008

RE: Response to Commission Staff Request

On May 14, 2008, I contacted Randall Jones, counsel for Barkley Lake Water District to request additional information regarding the proposed water storage tank. That same day Mr. Jones provided by electronic mail a copy of a description of the proposed project that the project engineer had prepared. A copy of Mr. Jones' electronic mail message and the project description is attached as Attachment 1 and 2 respectively.

On May 15, 2008, I contacted Mr. Jones by electronic mail message to request additional information regarding the status of the second phase of proposed project. Later that day Richard Oakley, Jr., of GRW Engineers, Inc., provided a status report by electronic message. A copy of this exchange of messages is attached as Attachment 3.

3 Attachments

Wuetcher, Jerry (PSC)

From:

Randy Jones [wrjones@rubinhays.com]

Sent:

Wednesday, May 14, 2008 5:04 PM

To:

Wuetcher, Jerry (PSC)

Cc:

Oakley, Jr., Richard

Subject:

Barkley Lake Water District - Case No. 2008-00097

Attachments: Engineer Report - Barkley Lake Water District.PDF

Mr. Wuetcher,

Attached is the documentation from the Engineer regarding the water storage tank. Let me know if you need anything else.

W. Randall Jones, Esq. Rubin & Havs 450 South Third Street, Suite 300 Louisville, Kentucky 40202 Telephone: (502) 569-7534

Fax: (502) 569-7555

Email: wrjones@rubinhays.com



DISTRIBUTION SYSTEMS CHECKLIST - DESCRIPTION OF PROJECT

UTILITY: BARKLEY LAKE WATER DISTRICT, AI-4031

COUNTY: TRIGG

PROJECT: 1.0 MG ELEVATED WATER STORAGE TANK

PWSID #1110019-07-002 Activity ID # APE20070002

Bids were received for a 1.5 MG Water Tank on January 31, 2008. At the same time, alternate bids were received for a 1.0 MG Water Tank should the limitation of funds dictate a reduction of the scope of the project. The Commissioners awarded the 1.0 MG Elevated Tank to the low responsive Bidder on March 10, 2008, subject to concurrence from the Public Service Commission. The project budget for the tank based on the awarded contract is itemized on the following page of this description.

The project consists of replacement of the existing 0.2 MG Pete Light Standpipe with a 1.0 MG Elevated Water Storage Tank. The existing standpipe, 75 feet x 21 ft diameter, has an overflow of 702 ft. The Pete Light tank is the master tank for BLWD having approximately 70 percent of pumped water transported through the line to/from the Pete Light tank. The existing standpipe only has a useful volume of approximately 16,000 gallons (top 6 feet) because 30 psi is difficult to achieve if the tank drops any lower. The new tank will have an overflow elevation of 735 feet with a head range of 39 feet. All storage will be useful because 30 psi can be maintained at the bottom of the head range. The modeled run simulates an operating range from 703 to 710 feet for the tank.

This is the first of a 2 phase project that also includes water treatment plant and transmission main improvements from the plant to the proposed tank. When complete, BLWD WTP rating will be increased from 2.0 MGD to 3.75 MGD. Raw Water and High Service pumping improvements will be made. In addition, a new flocculation basin with 45 minutes detention will replace all existing flocculation, a new settling basin parallel to an existing settling basin with tube settlers and hoseless sludge collectors, and a new 600,000 gallon clearwell is planned. Filters will be renovated to operate at 4.0 gpm/sf (5.0 gpm/sf with one filter out of service). High service pump improvements will be made at the WTP will eliminate low service pumping to the clearwell. Distribution system improvements will eliminate the existing Pete Light Springs Booster Pump Station.

In the interim, the proposed tank will not fill completely. The existing Pete Light Springs BPS will add water to the tank. The proposed tank has been added to BLWD's water model. It can be demonstrated that the volume in the tank will have approximately 150 percent turnover (600,000) within 72 hours. Graphical depiction of the tank turnover is attached. Modeling indicates the existing Pete Light pumps achieve a tank volume of approximately 400,000 gallons – all useful because it is above 30 psi. Note: Set points have been revised since the October 2007

¹ Barkley Lake WD - 0000 (Key Map and General)/3-31-08blwd033108.wtg.mdb

submittal. The head range of the 1.0 MG tank is greater than the 1.5 MG tank. These combine to create greater storage than the initial submittal indicated.

Revised hydraulic/design calculations will be submitted with the WTP and transmission main plans at the appropriate time.

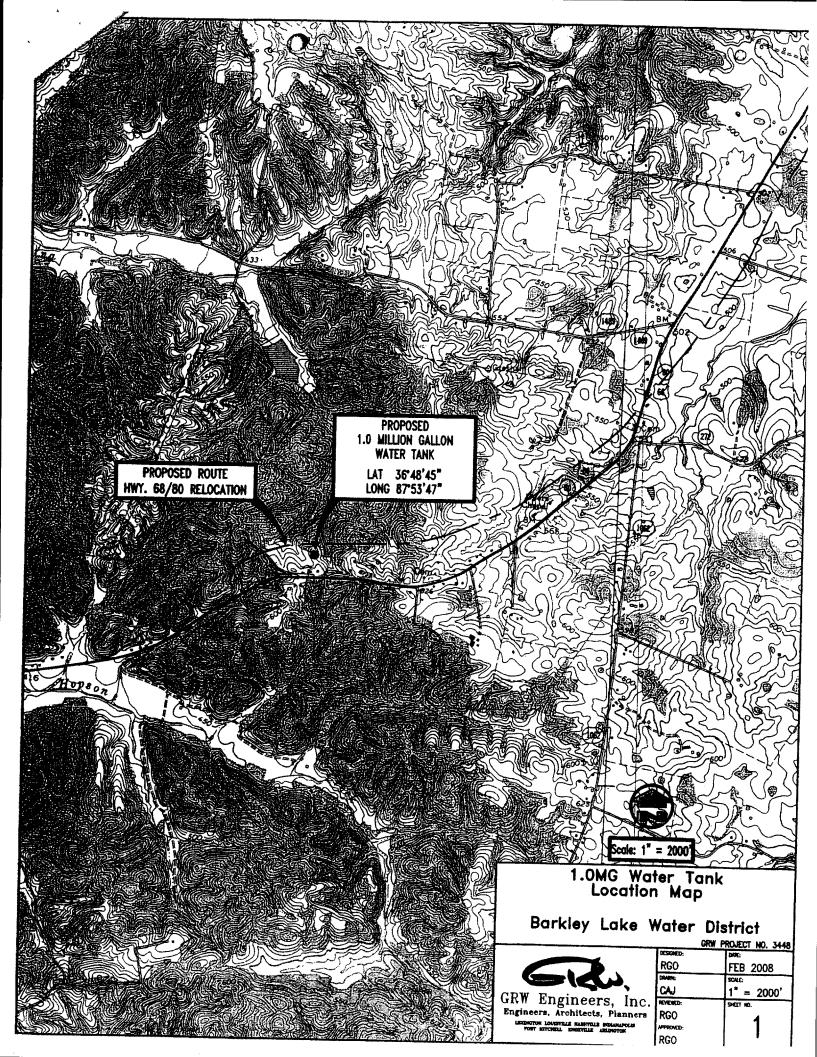
The project, including the proposed water tank, has been funded by Rural Development, KIA and EPA. BLWD has removed the tank from Rural Development funding and is seeking funding from Kentucky Rural Water Association. This allows the project to be completed much sooner. The benefits of having 20 to 40 percent of useful storage in a 1.0 MG tank warranty early completion of the tank.

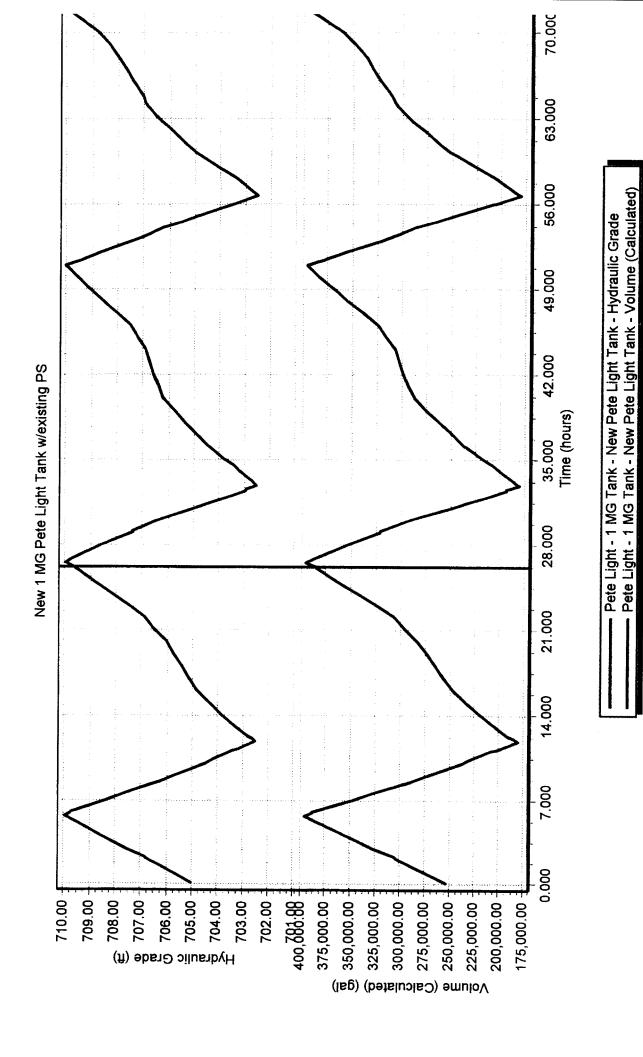
Enclosures:

- 1. USGS copies with all proposed improvements, including 1.0 MG water tank location.
- 2. Hydraulic graphs Fill and Draw of proposed tank, Calculation Summary (Flow Supplied Flow Demanded)
- 3. Bid Tabulation
- 4. Caldwell Tanks 1.0 MG Torus Bottom Tank Bid Sketch

Project Cost Estimate

			WTP and
<u>Description</u>	<u>Total</u>	<u>Tank</u>	<u>Lines</u>
WTP	\$4,897,000		
Distribution	\$2,653,000	\$1,553,000	
Total Construction	\$7,550,000	\$1,553,000	\$5,997,000
Contingency	\$755,000	\$153,000	\$602,000
Admin/Legal	\$95,000	\$47,200	\$47,800
Engineering	\$499,400	\$113,700	\$385,700
Other Engineering	\$45,000	\$0	\$45,000
Project Inspection	\$318,100	\$68,500	\$249,600
Interest During Construction	\$229,000	_	<u>\$229,000</u>
Total Project Cost	\$9,491,500	\$1,935,400	\$7,556,100
Funding			
Rural Develop Exist Loan	\$4,002,000		\$4,002,000
Rural Develop Addition Loan	\$900,000		\$900,000
Rural Develop Exist Grant	\$1,544,387		\$1,544,387
Rural Develop Addition Grant	\$347,313		\$347,313
EPA	\$240,600		\$240,600
KIA	\$789,400	\$489,400	\$300,000
KY Rural Water	\$1,365,000	\$1,365,000	
Kentucky Trans Cab	\$221,800		\$221,800
Contribution from District	\$81,000	\$81,000	
Total Funding	\$9,491,500	\$1,935,400	\$7,556,100
-			

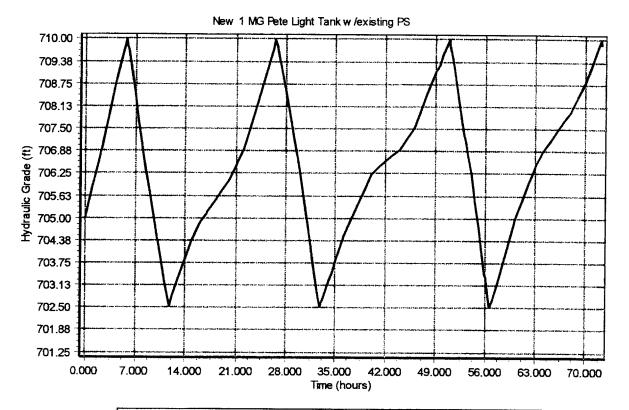




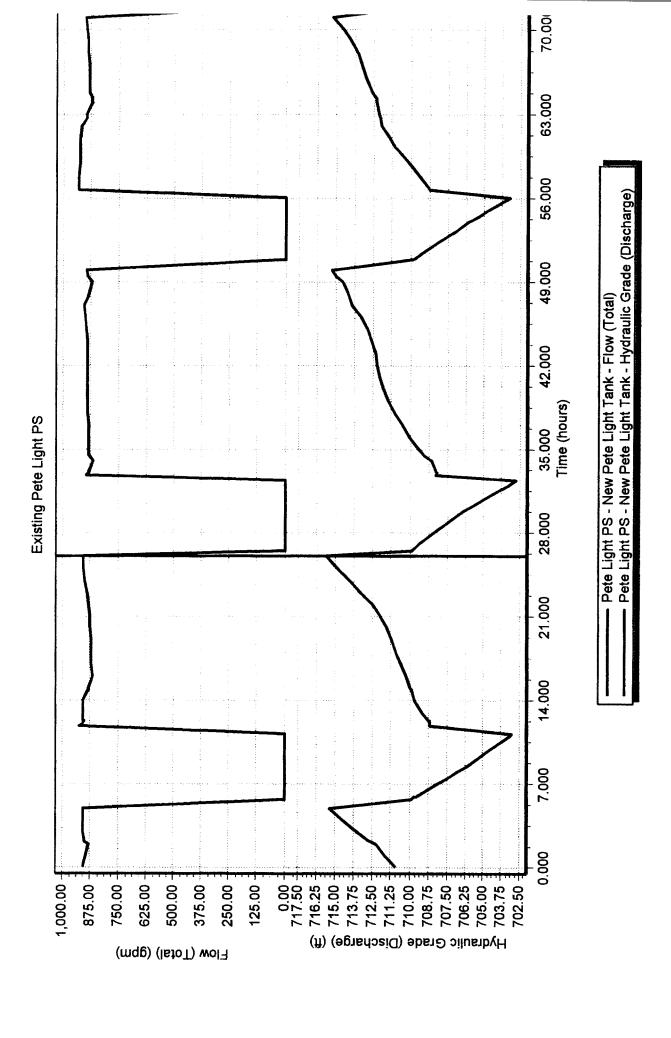
Time (hours)	Pete Light - 1 MG Tank - New Pete Light Tank - Hydraulic Grade (ft)	Pete Light - 1 MG Tank - New Pete Light Tank - Volume (Calculated) (gal)	
0.000	705.00	251,898.61	1
1.000	705.85	276,396.17	
2.000	705.66	299,581.17	
2.201	706.80	303,712.13	
2.301	706.88	305,945.41	
3.000	707.57	325,988.71	
4.000	708.58	354,857.95	
5.000	709.41	378,856.49	
5.711	710.00	395,837.15	
5.928	709.78	389,363.98	
6.000	709.70	387,215.04	
7.000	708.31	347,195.21	
7.463	707.56	328,601.52	
8.000	706.91	307,020.76	
8.488	706.32	289,897.76	
9.000	705.70	272,075.45	
10.000	704.49	237,332.20	
10.243	704.23	229,595.67	
11.000	703.39	205,563.74	
11.178	703.20	200,046.43	
11.827	702.50	179,924.06	
12.000	702.64	184,051.50	
12.246	702.84	189,718.17	
12.250	702.84	189,790.21	
13.000	703.28	202,320.13	
14.000	703.84	218,641.88	
14.880	704.33	232,573.96	
15.000	704.38	234,185.23	
16.000	704.84	247,433.80	
16,953	705.14	255,855.61	
17.000	705.15	256,296.64	
18,000	705.47	265,533.74	
19.000	705.77	274,136.53	
20.000	706.06	282,345.73	
21.000	706,49	294,673.58	
22.000	706.91	306,990.88	
23.000	707.56	325,733.93	
24.000	708.23	344,900.43	
25.000	708.91	364,462.28	
26.000	709.60	384,389.61	
26.095	709.66	386,192.40	
26,486	710.00	395,838.91	
26.676	709.81	390,393.64	
27.000	709.49	381,177.62	
28.000	708.51	353,035.83	

Time (hours)	Pete Light - 1 MG Tank - New Pete Light Tank - Hydraulic Grade (ft)	Pete Light - 1 MG Tank - New Pete Light Tank - Volume (Calculated) (gal)
28.985	707.41	321,306.02
29.000	707.39	320,831.60
29.877	706.43	293,078.13
30,000	706.30	289,333.73
31.000	704.89	248,874.63
31.402	704.33	232,579.23
32.000	704.33 703.49	208,364.57
32.443	702.94	192,612.12
32,444	702.94	192,543.59
32.797	702.50	179,929.33
33.000	702.62	183,397.86
33.109	702.68	185,128.61
34.000	703.17	199,206.53
34.511	703.47	207,965.70
35.000	703.79	217,007.77
36.000	704.43	235,439.80
36.032	704.45	236,021.40
37.000	704.90	248,918.56
38.000	704.30 705.35	261,959.79
39.000	705.79	274,730.43
40.000	706.23	287,246.29
41.000	706.43	292,935.80
42.000	706.61	298,229.96
43.000	706.77	302,910.89
44.000	706.92	307,226.34
45.000	707.21	315,505.82
46.000	707.50	323,815.17
47.000	707.56	339,564.10
47.692	708.43	350,786.73
48.000	708.59	355,191.80
49.000	709.08	369,264.45
49,467	709.29	375,482.85
50.000	709.57	383,549.72
50.892	710.00	395,840.67
51.000	709.85	391,651.73
51.221	709.56	383,092.87
51.333	709.43	379,420.52
52,000	708.68	357,713.24
53.000	707.36	319,975.89
53.182	707.13	313,228.61
53.512	706.77	302,775.59
54.000	706.24	287,474.72
54.000 54.496	705.52	266,939.43
55,000	704.80	246,217.89
55.975	703.41	206,164.67

	Time (hours)	Pete Light - 1 MG Tank - New Pete Light Tank - Hydraulic Grade (ft)	Pete Light - 1 MG Tank - New Pete Light Tank - Volume (Calculated) (gal)
	56.000	703.38	205,150.82
	56.689	702.50	179,929,33
	57.000	702.71	185,889.43
ĺ	58.000	703.37	204,903.07
	59.000	704.11	226,211.49
	60.000	704.84	247,249.31
	60.229	705.00	252,000.52
	61.000	705.42	264,101.70
	62.000	705.96	279,437.72
	62.668	705.30 706.30	289,389.96
	63,000	706.45	293,556.06
	64.000	706.86	305,588.71
	64.310	706.95	307,980.13
	64,690	707.04	310,724.73
	65.000	707.14	313,434.19
	66.000	707.14	322,052.79
	67.000	707.72	330,065.19
	68.000	707.98	337,712.11
	69.000	707.38 708.39	349,460.12
	70.000	708.80	361,234.48
-	71.000	709.43	379,438.09
-	71.000	709.43 710.00	395,838.91
	72.000	709.85	391,653.49
1	/2.000	C0.60/	371,003.47



Pete Light - 1 MG Tank - New Pete Light Tank - Hydraulic Grade
Pete Light - 1 MG Tank - New Pete Light Tank - Volume (Calculated)



Existing Pete Light PS

Pete Light PS -

Time

Pete Light PS -

	(hours)	New Pete Light	New Pete Light
	(HOUIS)		Tank - Hydraulic
		(Total)	Grade
		(gpm)	(Discharge)
		Gray	(ft)
	0.000	901.48	710.91
	1.000	889.59	711.61
	2.000	877.79	712.26
	2.201	896.78	712.64
	2.301	897.32	712.76
	3.000	900.10	713.49
	4.000	901.39	714.48
	5.000	902.51	715.33
	5.711	0.00	709.90
	5.928	0.00	709.68
	6.000	0.00	709.53
	7.000	0.00	708.14
	7.463	0.00	707.49
	8.000	0.00	706.78
	8.488	0.00	706.19
	9.000	0.00	705.57
	10.000	0.00	704.38
	10.243	0.00	704.11
	11.000	0.00	703.28
	11.178	0.00	703.09
	11.827	920.80	708.65
	12.000	910.44	708.66
	12.246	895.39	708.64
į	12.250	900.21	708.70
	13.000	900.31	709.14
	14.000	900.42	709.70
	14.880	878.19	709.91
	15.000	876.37	709.94
į	16.000	858.71	710.18
	16.953	865.53	710.55
	17.000	865.56	710.57
	18.000	865.94	710.89
	19.000	866 <i>.</i> 28	711.19
	20.000	869.92	711.53
	21.000	873. 44	712.00
	22.000	880.68	712.54
	23.000	887.54	713.28
	24.000	893.81	714.02
	25.000	899.52	714.77
	26.000	904,00	715.52
	26.095	904.58	715.62
	26.486	0.00	709.91
	26.676	0.00	709.72
ļ	27.000	0.00	709.40
	28.000	0.00	708.40

Existing Pete Light PS

Time (hours)	Pete Light PS - New Pete Light Tank - Flow (Total) (gpm)	Pete Light PS - New Pete Light Tank - Hydraulic Grade (Discharge) (ft)
28.985	0.00	707.30
29.000	0.00	707.28
29.877	0.00	706.33
30.000	0.00	706.12
31.000	0.00	704.72
31.402	0.00	704.15
32.000	0.00	703.35
32.443	0.00	703.33
32.444	0.00	702.80
32.797	892.82	702.30
33.000	877.23	708.20
33.109	876.89	708.25
34.000	863.57	708.59
34.511	877.75	709.07
35.000	878.40	709.39
36.000	879.68	710.04
36,032	879.58	710.04
37.000	881.18	710.51
38.000	882.70	710.98
39.000	884.10	710.98
40.000	883.31	711.44
41.000	883.00	712.04
42.000	882.52	712.22
43.000	882.07	712.38
44.000	884.94	712.57
45.000	887.74	712.89
46.000	894.29	713.28
47.000	900.37	713.90
47.692	882.31	714.07
48.000	879.18	714.18
49.000	869.24	714.55
49.467	886. 44	714.98
50.000	889.27	715.29
50.892	0.00	709.84
51.000	0.00	709.69
51.221	0.00	709.44
51.333	0.00	709.31
52.000	0.00	708.52
53.000	0.00	707.21
53.182	0.00	707.02
53.512	0.00	706.66
54.000	0.00	706.05
54.496	0.00	705.34
55,000	0.00	704.62
55.975	0.00	703.23
55.575	0.00	, 00,20

3-15-2006 BLWD Modelupdate032408.wtg

Existing Pete Light PS

Time (hours)	Pete Light PS - New Pete Light Tank - Flow (Total) (gpm)	Pete Light PS - New Pete Light Tank - Hydraulic Grade (Discharge) (ft)
56.000	0.00	703.23
56.689	926.37	708.70
57.000	925.22	708.89
58.000	923.11	709.53
59.000	921.14	710.25
60.000	919.31	710.95
60.229	918.81	711.09
61.000	917.86	711.50
62.000	916.70	712.02
62.668	893.47	712.06
63.000	888.12	712.14
64.000	869.78	712.33
64.310	864.65	712.35
64.690	880.82	712.64
65.000	880.64	712.73
66.000	879.88	713.02
67.000	879.18	713.29
68.000	881.82	713.60
69.000	884.41	714.04
70.000	890.76	714.55
71.000	896.80	715.26
71.878	0.00	709.87
72.000	0.00	709.72

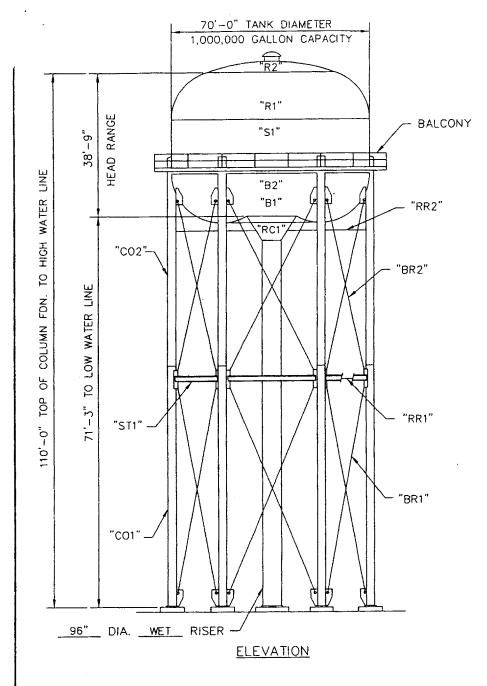


CERTIFIED BID TABULATION BARKLEY LAKE WATER DISTRICT 1.5 MG ELEVATED WATER STORAGE TANK

Approx.		3000 Manse	Il Road, Ste.230	182 S. Coun	3600 Mansell Road, Ste.230 182 S. County Rd., 900 East	4000 Tower Road	r Road	1665 Harmon Road	orructures on Road
į		Alpharetta, GA 30022		Avon, IN 46123	123	Louisville, KY 40219	CY 40219	Fort Worth,	TX 76177
Quantity Unit Description		Drice	T	Ouit		Cuit	Total	Unit	Total
		0	Luce	Price	Price	Price	Price	Price	Price
1 LS 1.5 Elevated Water Tank	Vater Tank								
Posso Little									
nañña- mai			No Bid		2,247,410.00		2,366,000.00		No Bid
Composite			2 219 000 00		2 620 400 00		-		
Alternate No. 1 40 MC Fig. 1			200010		2,028, 100.00		No Bid		2,424,000.00
A LICENTIAL INC. 1 - 1.0 MIG Elevated Water Lank	ater lank								
Multi-leaded									
5000			No Bid		1,675,432.00		1,553,000.00		No Bid
Composite			1.852.000.00		2 044 000 00		100		
Alternate No 22 Education					2,000,000		DIS ON		2,075,000.00
Mills I come Tool	stem								
Base Rid: Zing-Elizopachum	Polymore Dolymore								
Alternate Bid: Zinc Acrylic E	Alternate Bid. Zing Agyling Polymethans with Alternate				335,000.00		246,980.00		
	Systematic Wood Hillipitol				253,000.00		180,980.00		
Alternate No. 2a: Adjustme	Alternate No. 2a: Adjustment Amount for Multi-legged Tank:				0000				
					92,000.00		66,000.00		
Composite Tank									
Race Bid: Zinc Chornell									
Affernate Bid: Zinc Acadia Dal:	ner Polyurethane		86,000.00		105,000.00				
Activity Polyuretnane WIUV Inhibitor	Polyuremane w/UV Inhibitor		62,000.00		87,000.00				
Alternate No. 2b: Adjustmer	Alternate No. 2b: Adjustment Amount for the Composit Tank								
			24,000.00		18,000.00				10,000.00
	7 TOTAL BASE BID PRICE		\$2,219,000,00		CO 247 440 00				
	7 / Type		O		Mi		#######################################		\$2,424,000.00
do hordin coulting							IML		اد

C = Composite ML = Multi-legged

Richard G. Oakley, P.E. GRW Engineers, Inc. Kentucky License No. 17265



MATERIAL THICKNESS
CONTAINER:
"R2" : <u>1/4"</u>
"R1" : <u>1/4"</u>
"S1" : <u>15/32"</u>
"B2" : <u>7/16"</u>
"B1" : <u>7/16"</u>
"RC1" : <u>19/32"</u>
RISER : 17/32"
TOWER:
COLUMNS
DIAMETER: 36"
"CO2": <u>15/32"</u> (THICKNESS)
"C01": <u>17/32"</u> (THICKNESS)
STRUT
"ST1": <u>W10x49</u>
BRACE RODS
"BR2": <u>2 3/4"</u>
"BR1": <u>3"</u>

DESIGN PARAMETERS

DESIGN PER AWWA D100-05 AND PROJECT SPECIFICATIONS.

ALL ACCESSORIES TO BE INCLUDED PER SPECIFICATIONS.

SIZES AND THICKNESSES SUBJECT TO CHANGE WITH FINAL DESIGN.

SEISMIC LOAD - ZONE 2A

SEISMIC LOAD - ZONE 51 = 23.3%

BASIC WIND SPEED - 90 MPH

8 PLUMB COLUMNS

DIAMETER AT TOP OF FOUNDATION - 70'-0"

CALDWELL TANKS, INC.
LOUISVILLE, KY. NEWNAN, GA.

CADIZ KY
1,000,000 (70') GALLON TORUS BOTTOM TAI

BY: SCB TILE: BID SKETCH

DATE:
01/30/08 DRAWING NO.:
SB-L1-MP

Wuetcher, Jerry (PSC)

From: Oakley, Jr., Richard [ROakley@grwinc.com]

Sent: Thursday, May 15, 2008 4:33 PM

To: Wuetcher, Jerry (PSC)

Cc: Randy Jones

Subject: RE: Case No. 2008-00097: Request for Information

Mr. Wuetcher:

The new tank will be the master tank for approximately 75% of the entire water system. The existing standpipe that is being replaced is also the master tank - but it only has about 20,000 gallons of useful storage. The new tank, even if it can only be filled to 40 percent, will have approximately 400,000 gallons of useful storage - thus the reason BLWD wanted to proceed with construction of the tank.

GRW is between 50 and 60 percent complete with the Water Treatment Plant Upgrade/Expansion. The Plant project will increase the plant capacity from 2.0 MGD to 3.75 MGD. A new 16-inch DIP transmission main will allow BLWD to pump at higher pressure to fill the new tank. Design will be complete for the WTP Summer 2008. The 2008 KIA funds (below) will be available in Jan 09. That is when the WTP will be bid.

The KY Transportation Cabinet will stake their proposed ROW for the Hwy 68/80 widening project. Surveying for the Water Transmission Main is to begin this summer, immediately after KTC stakes the ROW. The Water Transmission Main will be bid in Jan 09 with the WTP is thing proceed according to schedule.

The Water Tank completion is August 09, so it will not operate long at the lower volume.

Cost Estimate

Funding is almost completely in place. See below. Additional RD money has been requested and it is not secured as of this date. However, with \$1.0 M in contingencies, BLWD could almost bid the work w/out the additional RD funds.

I hope this demonstrates that the second phase is proceeding at a very fast pace. The WD doesn't want to face many more summers like the last where they were limited to pumping 2.0 MGD.

Call me if you have questions.

Sincerely, Ricky Oakley, P.E. GRW Engineers, Inc. 615-366-1600

Description	Cost	Comment
1.0 MG Water Tank	\$1,553,000	Bid Price
16" Water Transmission		
Main	\$1,100,000	
Water Plant Upgrade	\$5,300,000	
Contingencies	\$1,049,200	
Engineering	\$544,400	
Administration/Legal	\$95,000	
Project Inspection	\$318,100	
Interest During Construction		
-	\$10,188,700	
	Decidat Funding	
	Project Funding	Letter of Conditions
Existing RD Loan	\$4,002,000	5/14/07
	ψ 1,002,000	Letter of Conditions
Existing RD Grant	\$900,000	5/14/07
EPA	\$240,600	
KIA (2003) (Tank Project)	\$489,400	
KIA (2006)	\$300,000	
KIA (2008)	\$1,000,000	4

KRWA (Tank Project)
Additional RD Request

\$1,365,000 \$1,891,700 \$10,188,700

From: Randy Jones [mailto:wrjones@rubinhays.com]

Sent: Thursday, May 15, 2008 11:10 AM

To: Oakley, Jr., Richard

Subject: FW: Case No. 2008-00097: Request for Information

Ricky,

Would you send Mr. Wuetcher a response to his request? I figured you knew more about the status than I do. Thanks

W. Randall Jones, Esq.
Rubin & Hays
450 South Third Street, Suite 300
Louisville, Kentucky 40202
Telephone: (502) 569-7534
Fax: (502) 569-7555

Email: wriones@rubinhays.com

From: Wuetcher, Jerry (PSC) [mailto:JWuetcher@ky.gov]

Sent: Thursday, May 15, 2008 12:15 PM

To: Randy Jones

Subject: Case No. 2008-00097: Request for Information

Mr. Jones:

Barkley Lake Water District has indicated that the proposed water storage tank is part of a 2-phase project and that, until completion of the second phase of the project, the proposed water storage tank will not be fully functional. The second phase involves water treatment plant and transmission main improvements that will be funded with grants and loans from Rural Development. Commission Staff respectfully requests that Barkley Lake WD advise it of the current status of the second phase and the WD's application for the necessary funding. It further requests that Barkley Lake WD advise Commission Staff of the expected date that construction on the second phase will begin and that construction will be completed and the proposed water storage tank fully functional.

A response by electronic mail message is acceptable.

Thank you for your assistance in this matter.

Sincerely,

Gerald E. Wuetcher
Assistant General Counsel
Public Service Commission of Kentucky
(502) 564-3940, Extension 259
(502) 229-6500 (cell)
gerald.wuetcher@ky.gov