

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

RECEIVED

AUG 13 2007

**PUBLIC SERVICE
COMMISSION**

IN THE MATTER OF:

**THE APPLICATION OF KENTUCKY-AMERICAN
WATER COMPANY FOR A CERTIFICATE OF
CONVENIENCE AND NECESSITY AUTHORIZING
THE CONSTRUCTION OF KENTUCKY RIVER
STATION II, ASSOCIATED FACILITIES AND
TRANSMISSION MAIN**

CASE NO. 2007-00134

**KENTUCKY-AMERICAN WATER COMPANY'S
DATA REQUESTS TO LWC**

In accordance with the Public Service Commission's ("Commission") April 20, 2007 Order as supplemented by the Commission's August 2, 2007 Order, Kentucky-American Water Company ("KAW") propounds the following data requests upon Louisville Water Company ("LWC"). LWC shall respond to these requests in accordance with the provisions of the Commission's April 20, 2007 Order, as supplemented, and the definitions and instructions set forth below.

DEFINITIONS

1. The terms "you" and "your" mean Louisville Water Company ("LWC"), as well as any person or entity working with you, including but not limited to, employees, attorneys, licensees, agents, and representatives, and each person acting or purporting to act on your behalf or under your or their control.

2. The terms "LWC," "Louisville Water Company" or "LWC's" means LWC, as well as its employees, attorneys, licensees, agents, officers, board of directors members, executive leadership team members, and representatives, as well as any company name under which LWC is or was doing business, its predecessors, parents, sisters, subsidiaries, divisions,

directors, officers, employees, agents, licensors, licensees, and attorneys, and each person acting or purporting to act on its or their behalf or under its or their control.

3. The term “LWC’s Proposal” means the proposal LWC made to the Lexington Fayette Urban County Government Council on July 10, 2007.

4. The terms “document” or “documents” mean anything which would be a “writing” or “recording” as defined in Rule 1001(1) of the Federal Rules of Evidence or a “document” as defined in Rule 34(a) of the Federal Rules of Civil Procedure, including, without limitation, every original (and every copy of any original or copy which differs in any way from any original because of notations thereon or attachments thereto or otherwise) of every writing or recording of every kind of description, whether handwritten, typed, drawn, sketched, printed or recorded by any physical, mechanical, electronic or electrical means whatsoever, including without limitation, memoranda, correspondence, electronic mail, electronic data compilations, notes, books, records, papers, pamphlets, brochures, circulars, advertisements, specifications, blueprints, maps, plats, surveys, drawings, sketches, graphs, charts, plans, laboratory or engineering reports, notebooks, worksheets, reports, lists, analyses, summaries, ledger accounts, audits, inventories, tax returns, financial statements, profit and loss statements, cash flow statements, balance sheets, annual or other periodic reports, prospectuses, registration, solicitations, minutes, appointment books, diaries, telephone bills and toll call records, expense reports, commission statements, itineraries, agenda, payroll records, checkbooks, canceled checks, receipts, contracts, agreements, instrument assignments, applications, offers, acceptances, proposals, financing statements, documents of title, appraisals, purchase orders, invoices, bills of lading, written memorials of oral communications, forecasts, photographs, photographic slides or negatives, films, filmstrips, x-rays, video or audio tapes and recordings.

5. The terms “thing” or “things” mean any tangible item, and shall be construed as broadly as possible.

6. The term “relating to” or “relate to” means alluding to, responding to, concerning, connected with, commenting on, in respect of, about, regarding, discussing, evidencing, showing, describing, reflecting, analyzing and/or constituting.

7. “And,” “or,” as well as “and/or,” shall be construed disjunctively or conjunctively as necessary in order to bring within the scope of the request all responses which otherwise might be construed to be outside its scope.

8. The terms “any” and “all” shall be read to mean each and every.

9. The term “person” means a natural or judicial person, including any corporation, proprietorship, partnership, agency, or business association of any type.

INSTRUCTIONS

1. In producing documents and things responsive to these requests, you shall respond in accordance with the requirements set forth in the Commission’s April 20, 2007 Order and the production shall be organized and labeled to correspond with the data requests to which they are responsive, regardless of whether these documents and things are possessed directly by you or by your present or past agents, employees, companies, licensees, representatives, investigators, or attorneys.

2. If the attorney-client privilege or work product immunity is asserted as to any document or thing, or if any document or thing is not produced in full, produce the document or thing to the extent the request for production is not objected to, and, in so doing, state the following:

(a) the specific ground(s) for not producing the document or thing in full;

- (b) the basis for such a claim of privilege or immunity and the facts supporting that basis; and
- (c) fully identify the information or material contained within the document or thing for which such privilege or immunity is asserted, including as applicable, the name of any document or thing; its date; the name, address and job title of each author or other person involved in its preparation, each addressee and each person to whom a copy of the document or thing has been sent or received; and the general nature of the document or thing (e.g., memoranda, letter).

3. Where an objection is made to a request, state all grounds upon which your objection is based.

4. If, after exercising due diligence, you are unable to determine the existence of any documents or things falling within a specific request, you shall so state in your written response.

5. With respect to each of the following requests, you shall identify and/or produce all documents which are known to you or which can be located or discovered by you through diligent effort on your part, including, but not limited to, all documents which are in your business, personnel, and/or personal files or those of your present or past employees or contained or stored within a computer in your possession or those of your present or past representatives, attorneys, or accountants, or accessible to you or your present and past employees, or its representatives, attorneys, or accountants.

6. Whenever used herein, the singular shall be deemed to include the plural and the plural shall be deemed to include the singular and the disjunctive shall be deemed to include the conjunctive and the conjunctive shall be deemed to include the disjunctive so as to elicit all information potentially responsive to the request for production and all of its context.

REQUESTS

1. Provide a copy of the most recent five year financial plan for LWC and, if the planning period is different than five years, provide the plan for whatever planning period exists.
2. Provide a copy of your audited financials and certified audit reports for the last five years.
3. Provide a copy of LWC's operating policies and procedures for water treatment, storage, distribution, and transmission. If LWC has an operations manual, provide a copy.
4. Reference: Mr. Heitzman's testimony page 4, lines 6-14. Provide all documents that reflect LWC customer service ratings in the last five years.
5. Provide a copy of all of LWC's existing rates and all other fees charged. Describe in detail each change in those rates and fees over the last ten years. Describe the proposed increases of each rate and fee for each year of the next five years.
6. Provide a copy of LWC's standard contract for pipe installation including bid forms, agreements, and specifications.
7. Provide copies of all presentations made to any and all bond rating agencies in the last five years.
8. Provide the amount of each bond issuance in the last five years, the cost of each issuance and the interest rate for each issuance.
9. Provide copies of all of the LWC's Kentucky Division of Water Sanitary Surveys from the last five years.
10. Reference: Mr. Heitzman's testimony page 5, line 14. What is the rationale, basis and support for the statement "a more permanent solution than the proposed Kentucky River Station II project?"
11. Reference: Mr. Heitzman's testimony page 5, line 13. What is the rationale, basis and support for the statement "to meet this need with less cost to end-user customers?"
12. Reference: Mr. Heitzman's testimony page 5, line 14. What is the rationale, basis and support for the statement "less environmental impact?"
13. Provide the total project cost for each pipeline installation undertaken by LWC in the last ten years that included pipe 24-inch or larger. Do not include projects that simply tie-in a smaller diameter main into a 24-inch or larger main. Your answer should include, for each installation, a breakdown by component including, but not limited to, materials, installation, administration, engineering, permitting, legal, land acquisition, overhead, road bores, stream crossings, pavement restoration and surveying costs. Each project should identify the location,

the total footage of pipe, the pipe size and material, and the footage in private easement, right-of-way, or under pavement.

14. Provide a copy of all minutes of meetings, including but not limited to LWC Board of Directors meetings and LWC Executive Leadership Team meetings, that relate to or include the discussion of proposals to or presentations regarding water supply to any other water provider since 1999.

15. Identify each elected official with whom LWC has communicated, by any means, regarding the provision of water supply to any entity outside of Jefferson County in the last five years. Identify the dates of those communications. Provide all documents relating to those communications.

16. Provide the units in each table for LWC's 20-Year Forecast prepared by Patricia B. Cerrito dated May 30, 2005.

17. Reconcile the difference between current and future average maximum day demands in the 2006 LWC Annual Report, Patricia B. Cerrito's Forecast and the demands found in the Executive Summary of the "Final Report 2002–2021 Facilities Plan Volume 2 of 2 Capital Program Elements" prepared by Black & Veatch in 2002.

18. Provide complete copies of Chapters 5, 6 & 7 of the "Final Report 2002 – 2021 Facilities Plan Volume 2 of 2 Capital Program Elements," prepared by Black & Veatch dated 2002.

19. Explain the rationale, basis and research used for predicting declining industrial sales in the LWC 20-Year Forecast.

20. Does LWC have any plans to attract replacement industrial infill business? Provide all documents relating to any such plans.

21. Provide a list of the top 50 industrial customers by overall annual demand, their historical average daily demands for 2001 through 2006 and their projected average daily demands in 2020, 2025 and 2030.

22. What are the maximum monthly demands for each of these top 50 industrial customers for the last five years? Identify the month and year that the maximum monthly demand occurred.

23. What are the maximum day demands for each of these top 50 industrial customers for the last five years? Identify the dates of the maximum day demands that you identify.

24. Provide LWC's maximum monthly demand for each year between 2001 and 2006 by customer class for each month.

25. What is the estimated breakdown by customer class for the maximum day demand for each of the last five years and for each year of LWC's projections through 2020?

26. Upon what dates did the highest five days of demand occur for each year between 2001 and 2006? Provide the amount of demand for each date.

27. Has LWC contacted or made presentation(s) to existing industries who have other water supply sources for possible future connection? If so, identify those industries and provide copies of all documents and all dates of any contacts and/or presentations. How are those industries factored into your industrial demand?

28. Is the riverbank infiltration ("RBI") project at the B. E. Payne WTP currently on schedule for a September 2009 completion? If not, provide an updated schedule with a comprehensive explanation of all delays.

29. What is the capacity (both total and firm) of the RBI system?

30. What is the expected life of the RBI system?

31. Explain any redundancy in the RBI system and how fouling of the collector wells will be managed. What are the current and projected annual operating and maintenance costs of the RBI system?

32. Is the Ohio River intake at B. E. Payne still in service? What is the capacity of that intake? Will it remain in service after the completion of the RBI system?

33. Will the cost of the RBI project be applied ratably by customer class?

34. The construction cost for the RBI project is indicated to be approximately \$34M. What is the total project cost including, engineering, permitting, legal and the cost per MG for the RBI project? How will this cost be applied to current and future ratepayers?

35. Will an RBI project be implemented at the Crescent Hill WTP? If so, at what total project cost? How will this cost be applied to current and future ratepayers?

36. Does LWC use a corrosion inhibitor or do you rely on high pH for corrosion control?

37. What provisions has LWC made in its proposal to the Bluegrass Water Supply Commission ("BWSC") (formerly Bluegrass Water Supply Consortium) and for the LWC Proposal to the LFUCG of July 10, 2007 for differing water quality parameters?

38. Will LWC be able to meet all currently imposed disinfection by products rules at the termination point of the LWC Proposal? If so, what are the projected values of HAA and THM's in mg/L.

39. What were your annual costs to provide public fire protection for each of the last five years?

40. What is your current original cost, less accumulated depreciation, for all assets used in providing public fire protection services?

41. Reference your 2006 Annual Report, page 43. Provide the method of calculation used to derive the \$9,857,822 million figure for “water and fire services in lieu of taxes” and a detailed explanation of the meaning of that statement.

42. LWC’s 2006 Annual Report contains information relating to water delivered to mains. With respect to that information:

- a. What peak to average day ratio does LWC use in its demand projections and what is the rationale for using that value?
- b. What is LWC’s current unaccounted for water expressed as a percentage of system delivery? What percentage is used for future demand forecast? To the extent those percentages are different, explain why.
- c. What is LWC projecting for maximum day demand for 2020, 2025 and 2030 expressed in MGD?

43. List the projects needed and the total project cost for each to alleviate the projected production shortfall between the B. E. Payne service area (860 pressure zone) and the Crescent Hill service area (660 pressure zone)? Provide a schedule for these projects. How will these costs be applied to current and future ratepayers?

44. Provide a detailed description of LWC’s backup power supplies at its treatment plants and pump stations and how it relates to the amount of system storage. Describe any and all plans for changes in your backup power supplies.

45. Is there adequate storage in the 860 pressure zone to reliably feed 25 MGD on a maximum day demand to KAW and BWSC? Provide a detailed rationale for your answer and include any documents upon which you rely for your answer.

46. Provide the status and schedule for all the projects recommended in the 2002-2021 Facilities Plan. Identify any other projects undertaken by LWC as a result of the 2002-2021 Facilities Plan. Provide total project cost, broken down by component, of all projects identified.

47. What is the status of the development of hydraulic models for the LWC system?

48. Has a hydraulic model been run to simulate the effect of 25 MGD of demand at English Station SP? If so, provide a paper copy and an electronic copy (Excel or comparable format with formulae intact) of the results.

49. Was B. E. Payne WTP expanded from 45 to 60 MGD? If so, provide the total project cost and the scope of the project.

50. Does LWC plan to expand the B. E. Payne WTP from 60 to 90 MGD? If so, provide the estimated total project cost, the scope of the project and the schedule required for design, permitting and construction. Identify all process units that would need to be improved or expanded.

51. Can B.E. Payne WTP be expanded past 90 MGD on its current site? If so, explain how it can be expanded, whether there are any plans for that expansion and the dates of the proposed expansion. Provide all documents that support your answer.

52. Can Crescent Hill WTP be expanded past 180 MGD on its current site? If so, explain how it can be expanded, whether there are any plans for that expansion and the dates of the proposed expansion. Provide all documents that support your answer.

53. How often does LWC perform a cost of service study? Provide the most recent study in paper and electronic (Excel or comparable format with formulae intact) form.

54. Identify the census tracts in which LWC envisions future residential, commercial, industrial and wholesale growth to occur within its system to 2020? Identify the envisioned growth by census tract and customer class. How will this growth affect LWC's proposal to supply 25 MGD to KAW / BWSC?

55. What are the geographic boundaries of LWC's service territory?

56. Can LWC currently provide residential, commercial, industrial and fire protection service in all areas of its service territory? If not, identify those portions of your service territory in which you cannot currently provide service, the type of service you cannot provide and the reasons you cannot provide the service.

57. Provide the analysis that supports the cost estimates for the LWC Proposal that was presented to the LFUCG on July 10, 2007.

58. Provide a detailed construction cost breakdown by individual component for the LWC Proposal to the LFUCG for a 36-inch pipeline from Jefferson County, Kentucky to Fayette County, Kentucky.

59. Provide a similar construction cost estimate for a 42-inch pipeline.

60. Provide all documents, including work papers, planning studies, engineering reports, alternative analyses, alignment studies, and electronic correspondence detailing the routing of the proposed pipeline to Fayette County as described in the LWC Proposal.

61. Provide all project schedules identifying all project tasks, their anticipated start date, duration and completion date for the LWC Proposal. Include the schedule for all tasks for

all project components relating to engineering, administration, legal, permitting, land, environmental, cultural, archeological, governmental, financial and construction.

62. Provide a complete list of all federal, state, county, city, and other permits and approvals required for the LWC Proposal.

63. Compile a "Total Project" cost estimate for the LWC Proposal broken down by individual components, including but not limited to, engineering, administration, legal, permitting, land acquisition, and financing.

64. How many linear feet of the pipeline in the LWC Proposal will occupy public land?

65. How many linear feet of the pipeline in the LWC Proposal will occupy private land? Of the private land occupied, identify the number of linear feet for which LWC has obtained an easement, identify the grantor of the easement, and provide copies of the easements and all documents relating to the acquisition of those easements.

66. For each easement identified in your response to #66, provide all costs associated with obtaining, developing, acquiring and finalizing the easement.

67. Provide a copy of any environmental study conducted for the LWC Proposal, with all associated work papers, engineering reports, alternatives analysis, and electronic correspondence for the same.

68. What is the basis for the assertion that LWC could use the Interstate 64 right-of-way / controlled access for a longitudinal installation of a water pipeline? Provide copies of all documents and correspondence, electronic or otherwise, detailing the use of the Interstate 64 corridor for the LWC Proposal or for any other LWC customer or potential customer. Identify individuals to whom you have communicated, the dates of those communications, and the substance of those communications.

69. Provide copies of all approved encroachment permits from, or applications to, the Kentucky Transportation Cabinet for the longitudinal use of the Interstate 64 right-of-way / controlled access for the LWC Proposal.

70. Provide all approved encroachment permits from the Kentucky Transportation Cabinet allowing the LWC to construct any waterline longitudinal to any Interstate within the Interstate right-of-way / controlled access.

71. How many booster pump stations are included in the LWC Proposal? What size, flow in gallons per day and total dynamic head in feet, are in the LWC Proposal?

72. Who will be responsible for the design, administration, legal, permitting, land acquisition, environmental impact assessment, cultural, archeological, governmental permitting

and approval, financial, maintenance, operation, staffing, and ownership aspects of the booster pump stations in the LWC Proposal?

73. Provide a detailed construction cost estimate for each of the booster pump stations required in the LWC Proposal and identify who will be responsible for the associated construction costs.

74. Where will each of the proposed booster pump stations be located? Is this public or private land? Has the land been purchased, optioned or otherwise acquired? If so, from whom has the land been purchased, optioned or otherwise acquired?

75. Who will provide electrical service to each of the booster pump stations? Describe the type, source and amount of power that will be necessary at each location. Provide the type, source and amount of back-up power that will be utilized at each location. Who will be responsible for the electrical costs for each booster pump station?

76. What is the anticipated annual operation and maintenance cost associated with each booster pump station? Who will be responsible for the operation and maintenance costs for each booster pump station?

77. What is the anticipated (initial, intermediate, and ultimate) capacity of each booster pump station?

78. Is water storage anticipated at any or all of the booster pump stations? If so, what capacity is proposed at any or all of the booster pump stations? Is the anticipated storage ground storage or elevated storage? Have provisions for mixing been included in the storage facilities? What is the anticipated turnover in each of the storage facilities?

79. Provide any and all hydraulic analyses in paper and electronic (Excel or comparable format with all formulae intact) form for the LWC Proposal from the LWC treatment plants to the Fayette County, Kentucky location selected by LWC complete with the booster pump stations and any intermediate demands.

80. What hydraulic grade line did LWC use in the hydraulic analysis for the KAW distribution system? Explain the rationale for using the hydraulic grade line you identify.

81. Clarify the location, waterline size, and hydraulic grade in the existing KAW distribution system that was identified by the LWC to receive water under the LWC Proposal.

82. Are any additional water treatment facilities anticipated at the booster pump stations or at any intermediate locations from the LWC treatment plants to the Fayette County, Kentucky location? If so, what type of additional treatment is anticipated?

83. Provide any “water blending” analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, and correspondence for “water blending” for the LWC treatment plants and the LWC Proposal.

84. Provide water quality analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, correspondence and/or other documents relating to the hardness and pH of the water produced by the LWC treatment plants and the LWC Proposal.

85. Provide all documents relating to the LWC Board's approval and/or the Executive Leadership Team's approval of the LWC Proposal.

86. Provide all documents relating to the issue of legal and/or regulatory approval of the LWC Proposal.

87. Provide all analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, correspondence and/or other documents relating to pipeline sizing for the LWC Proposal.

88. Provide all analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, correspondence and/or other documents relating to rate structure for the LWC Proposal.

89. Provide the proposed metering configuration at the termination of the LWC Proposal at Fayette County, Kentucky.

90. The LWC response dated July 30, 2007 to the PSC Open Records Request references a map entitled *Proposed Bluegrass Water Supply Solution*. Provide all analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memoranda, documents and correspondence related to the water distribution grid necessary to serve members of the Bluegrass Water Supply Commission.

91. Identify the total project cost of constructing the water distribution grid necessary to serve members of the Bluegrass Water Supply Commission broken down by component including but not limited to materials, installation, administration, engineering, permitting, legal, land acquisition, overhead, road bores, stream crossings, pavement restoration and surveying costs.

92. In the LWC Proposal, a 36-inch pipeline has been identified. Does this solution consider any capacity needs in Anderson, Bullitt, Franklin, Oldham, Shelby, Spencer, and/or Woodford Counties, Kentucky? Does LWC intend to address the needs identified in those counties, and if so, how?

93. What is the status of each proposal / presentation identified in the LWC response dated July 30, 2007 to the PSC Open Records Request?

94. The LWC response dated July 30, 2007 to the PSC Open Records Request references a *Plant Capacity Study*. Provide a copy of the study. If the study has not been completed, provide the completed chapters and a schedule for the completion of the study.

95. The LWC response dated July 30, 2007 to the PSC Open Records Request references presentations to: *Oldham County Water District, Fort Knox, Frankfort Plant Board, Shelbyville Water and Sewer Commission, North Nelson Water District, Bluegrass Water Supply Commission, and the Lexington Urban County Government*. The presentations to the *Bluegrass Water Supply Commission and the Lexington Urban County Government* are directed to meet similar needs. The capacity ranges, in million gallons per day (MGD), from the presentations are summarized as: *Oldham County Water District* (1.5-7), *Fort Knox* (2-10), *Frankfort Plant Board* (2-10), *Shelbyville Water and Sewer Commission* (2-10), *North Nelson Water District* (2.5-4.5), *Bluegrass Water Supply Commission, and the Lexington Urban County Government* (10-31). The sum of the minimums and maximums is 20 MGD and 72.5 MGD respectively. Provide all analysis, work papers, studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, and correspondence to support the LWC ability to meet the needs identified for all of the presentations made.

96. The LWC response dated July 30, 2007 to the PSC Open Records Request references presentations to: *Oldham County Water District, Fort Knox, Frankfort Plant Board, Shelbyville Water and Sewer Commission, North Nelson Water District, Bluegrass Water Supply Commission, and the Lexington Urban County Government*. The majority of these presentations include the text "Reserve Capacity of 35 MGD (240 MGD total), which can easily be increased to 95 MGD (300 MGD total)." Provide all planning studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, correspondence, plans, specifications, regulatory approvals, Board approvals, and Executive Leadership Team approvals that support this statement.

97. Provide the total project cost for any and all projects that would be necessary to increase LWC's reserve capacity of 35 MGD to 95 MGD. The total project cost should include the breakdown by component including but not limited to construction, materials, installation, administration, engineering, permitting, legal, land acquisition, overhead, and surveying costs.

98. Who will pay for the costs incurred to increase LWC's reserve capacity of 35 MGD to 95 MGD as described in Question No. 96?

99. Provide the LWC Business Plan for the next five years and if it is for a period other than five years, provide it for that period.

100. The LWC response dated July 30, 2007 to the PSC Open Records Request references presentations to: *Oldham County Water District, Fort Knox, Frankfort Plant Board, Shelbyville Water and Sewer Commission, North Nelson Water District, Bluegrass Water Supply Commission, and the Lexington Urban County Government*. The majority of these presentations include reference to the LWC bond rating. Provide all documents that constitute and/or support the bond ratings.

101. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation

references Georgetown as a community with which LWC has discussed water supply. Provide all documents relating to communications that have occurred between Georgetown and LWC.

102. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation references: “easily expandable to 95 MGD reserve capacity with minor plant and transmission upgrades”. This statement includes transmission upgrades. Provide all planning studies, engineering reports, alternatives analysis, electronic correspondence, memorandum, correspondence, plans, specifications, regulatory approvals, and Board approvals that support this statement. Also, provide a list of the projects and the associated total project costs supporting the statement. How will these costs be applied to current and future ratepayers?

103. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation references: “LWC will finance, build and own the line from Jefferson County to Hwy 53 in Shelby County” Define LWC’s financial, legal and ownership interest in this section of pipeline. Why is Hwy 53 identified as the end of LWC interest? Who will maintain this pipeline segment?

104. Under the LWC Proposal, who will finance, build, own, maintain, and operate the pipeline from KY 53 to Fayette County, Kentucky?

105. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation states that LWC has reserve capacity to meet the water supply needs of Central KY including the members of the BWSC. Define “Central KY”, identify all water supplying entities, their current needs and their projected needs for 2020, 2025, and 2030, including the needs of the BWSC.

106. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to the *Bluegrass Water Supply Commission*. The presentation references “Long life asset – 100 years vs. 30 to 50 years.” What is the meaning of and basis for this statement?

107. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation states “LWC believes that the I-64 corridor is the least disruptive to the environment....” Identify the number and type of wetlands impacted by the LWC Proposal and provide all documents supporting the statement.

108. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation states “LWC believes that the I-64 corridor is the least disruptive to the environment” Identify the name, number and flow regime of each Waters of the U.S. impacted by the LWC Proposal and provide all documents supporting the statement.

109. The LWC response dated July 30, 2007 to the PSC Open Records Request references a presentation to *the Lexington Urban County Government*. The presentation states “LWC believes that the I-64 corridor is the least disruptive to the environment...”. Identify the name and number of threatened or endangered species with range and/or habitat in the corridor of the LWC Proposal supporting the statement. Also identify the basis for the statement and provide all documents supporting the statement.

110. Identify each local floodplain coordinator with whom LWC has communicated regarding the LWC Proposal in the last five years. This should include all documents relating to any such communications and the dates of those communications.

111. How does LWC propose to maintain water quality while expanding its service and delivery area?

112. How does LWC propose to meet the USEPA Long-Term 2 Enhanced Surface Water Treatment Rule by 2012?

113. Identify all LWC capital investment projects for the next 10 years, the cost estimates for those projects and the schedules for those projects.

114. Identify all LWC capital investment projects for the last 10 years, the initial cost estimates for each of those projects, the initial schedules for each of those projects, the actual costs for each of those projects and the completion date for each of those projects.

115. Provide all LWC Disaster/Emergency Operations Plans.

116. Provide all LWC security systems plans or manuals identifying LWC’s approach to securing its raw water sources, treatment and distribution facilities.

117. Provide all documents related to any negotiations between KAW and LWC since January 1, 1994 regarding KAW’s purchase of water or water-related services from LWC.

118. When does LWC anticipate expanding its current treatment plants (based on its demand projections) in order to maintain its stated desire for a 15% reserve capacity? How is that schedule impacted by any or all of the water sales proposals it has made to other water providers? Are the costs of those expansions included in your projected rate increases and, if so, how will they be applied to current and future ratepayers?

119. What is the minimum purchase requirement for the LWC Proposal?

120. What is the peaking ratio required for the LWC Proposal?

121. What is the specific termination point of service for the LWC Proposal?

122. What is the reserved capacity based on the minimum purchase requirement for the LWC Proposal?

123. What is the rate of purchase for water consumed above the minimum purchase requirement but below the reserved capacity in the LWC Proposal?

124. What is the rate of purchase for water consumed above the reserved capacity in the LWC Proposal?

125. Why were the rates of purchase of water above the minimum and reserved capacity not included in the LWC Proposal?

126. Who would be responsible for capital expenditures if they were to exceed the estimate presented in the LWC Proposal for construction of facilities to KY 53?

127. Who would be responsible for capital expenditures if they were to exceed the estimate in the LWC Proposal for construction of facilities from KY 53 to the proposed termination point?

128. Reconcile the differences between all of your proposals made to the BWSC and to the LFUCG. You should address all proposals you have made to the BWSC and LFUCG, including but not limited to, the proposals you identified in your July 30, 2007 open records request response as: May 12, 2003 Presentation to Bluegrass Water Supply Consortium; July 9, 2003 LWC letter and proposal to Don R. Hassall; August 8, 2003 LWC letter and proposal to Don R. Hassall; October 4, 2006 Presentation to O'Brien & Gere; December 15, 2006 LWC letter and proposal to Thomas Calkins; October 25, 2006 Presentation to Master Planning and Capital Construction Committee of BWSC; and July 10, 2007 LWC Response and Proposal to LFUCG. You should also address the December 2005 proposal identified on page 5 of your October 25, 2006 presentation that was omitted from your July 30, 2007 open records response cover letter. This reconciliation should include total capital costs (by category of asset), main size, comprehensive description of pump stations, comprehensive description of storage facilities, reserve capacity, minimum daily purchase requirement, minimum daily rate, rate for purchases above minimum daily rate, rate for purchases above reserved capacity, estimated first year operating and maintenance costs, and all governmental-imposed property taxes.

129. Provide all documents constituting and/or relating to the December 2005 proposal identified on page 5 of your October 25, 2006 Presentation to the Master Planning and Capital Construction Committee of BWSC.

130. What conservation measures has LWC implemented to reduce customer demand? Provide a list of each measure by customer class for all conservation measure. Provide all conservation measure programs, the date in which they were implemented and any presentation made to each customer class regarding conservation programs.

131. Provide all documents related to all analysis that LWC has conducted or commissioned regarding water conservation technologies and practices.

132. Provide all conservation practices and demand management procedures proposed and/or implemented by LWC.

133. Provide all documents relating to the measures that LWC has taken to educate all customer classes concerning demand management. Provide the amount of funds that have been spent on conservation and demand management education by customer class, and the effects of the education on demand by customer class.

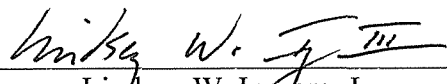
134. Provide the percentage of water usage by customer class and explain how conservation measures are addressed with each customer class.

Respectfully submitted,

A. W. TURNER, JR., GENERAL COUNSEL
KENTUCKY-AMERICAN WATER COMPANY
2300 Richmond Road
Lexington, Kentucky 40502

and

STOLL KEENON OGDEN PLLC
300 West Vine Street, Suite 2100
Lexington, Kentucky 40507-1801
Telephone: (859) 231-3000

BY: 
Lindsey W. Ingram, Jr.
Lindsey W. Ingram III

Attorneys for Kentucky-American Water Company

CERTIFICATE OF SERVICE

This is to certify that on the 13th day of August, 2007, the original and eight (8) copies of Kentucky-American Water Company's Data Requests to Louisville Water Company were filed with the Public Service Commission and a copy of each served upon the following via U.S. Mail:

David E. Spenard, Esq.
Dennis G. Howard II, Esq.
Assistant Attorneys General
1024 Capital Center Drive, Suite 200
Frankfort, Kentucky 40601-8204

David Barberie, Esq.
Leslye M. Bowman, Esq.
Lexington-Fayette Urban County Gov't.
Department of Law
200 East Main Street
Lexington, Kentucky 40507

Tom FitzGerald, Esq.
Kentucky Resources Council, Inc.
P.O. Box 1070
Frankfort, Kentucky 40602

David F. Boehm, Esq.
Boehm, Kurtz & Lowry
36 East Seventh Street, Suite 1510
Cincinnati, Ohio 45202

Damon R. Talley, Esq.
112 N. Lincoln Blvd.
P.O. Box 150
Hodgenville, Kentucky 42748-0150

Stephen Reeder
Robert Ware
Kentucky River Authority
70 Wilkinson Boulevard
Frankfort, Kentucky 40601

John E. Selent, Esq.
Edward T. Depp, Esq.
Dinsmore & Shohl LLP
1400 PNC Plaza
500 West Jefferson St.
Louisville, Kentucky 40202

Barbara K. Dickens, Esq.
Louisville Water Company
550 South Third Street
Louisville, Kentucky 40202

STOLL KEENON OGDEN PLLC

By 