

KENT COUNTY WATER AUTHORITY

BOARD MEETING MINUTES

October 19, 2005

The Board of Directors of the Kent County Water Authority held its monthly meeting in the Joseph D. Richard Board Room at the office of the Authority on October 19, 2005.

Chairman Perry opened the meeting at 3:35 P.M. Chairman Perry, Board Members, Mr. Gallucci, Mrs. Graham, Mr. Masterson and Mr. Boyer were present together with the General Manager Timothy J. Brown, Technical Service Director John Duchesneau, System Engineer, Kevin J. Fitta, Arthur Williams, Finance Director, Legal Counsel, Joseph J. McGair, and other interested parties, including Councilman Richard Sanetti for Coventry.

The minutes of the Board meeting of September 21, 2005 were moved for approval by Board Member Graham and seconded by Board Member Masterson and the minutes were unanimously approved.

Guests:

C & E Engineering Review Findings Task Order No. 6

The General Manager asked C & E Engineering Partners, Inc. to appear before the Board for a status report on the system in relation to the water commitments of all projects approved.

Russell Houde, Managing Engineer at C & E Engineering Partners, Inc. gave a lengthy presentation and a technical report which is attached as "A". He advised the Board that the system is now in water deficit of 290,000 gallons for maximum day demand. He warned that the deficit may compromise supply such as existing customers having lack of pressure and eroding into the dedicated fire supply. He stated that the attachments to Exhibit "A" verify the calculations in a precise manner.

Board Member Gallucci was concerned that the deficit did not take into consideration the build out schedules of recent approvals which are spread out over the next three years since they were currently included in the deficit.

Board Member Masterson countered that there is no more supply and that one could play around with the numbers but the fact remains that the water is given out and you must listen to the Engineers who have told us that there is no more water.

The General Manager reminded that timelines can be considered, but once the water has been allocated it is gone. Board Member Masterson, Board Member Graham and the Chairman concurred with the General Manager.

The Chairman stated his belief as a Professional Engineer that these numbers are very accurate since he spent many hours reviewing the material and visited the Engineers office for more details. Board Member Graham stated that she speculated that if the wellfield expansion had been completed Kent County Water Authority would have shown a different picture. The Chairman stated that was a valid point and if Kent County Water Authority would be producing more, Kent County Water Authority would not have this problem.

Russell Houde reiterated that there is an impending supply problem.

Board Member Boyer stated that that he was concerned about the safety factors.

The General Manager stated that last summer the system did exceed 18.9 m/g/d which could have had disastrous implications had it gone beyond the one day. The General Manager cautioned that this has an affect on low service gradient as well. The General Manager stated that the fire service safety is paramount which can not be compromised by giving out water which the Kent County Water Authority does not have.

Russell Houde concurred with the General Manager and warned that to get below normal operating level of dedicated fire service level would be unwise.

The General Manager reminded the Board that an average day is not the problem, it is maximum day demand. Russell Houde concurred that AWWA guidelines are designed to maximum day demand. The Chairman stated the Board now has the verified information and now know where Kent County Water Authority is headed. He thanked Mr. Houde for his report.

High Service Requests

The Chairman for the benefit of all present read aloud all of the revised standard conditions in lieu of a moratorium as attached as “**B**” and further he explained the water deficit in detail.

The General Manager stated that he is the holder of the Department of Health license for the system and he is very concerned with the C & E Engineering Partners, Inc. analysis (attached as “**A**”) and he will not recommend any more tie-ins until the supply issue is resolved. The General Manager did not recommend any high service approvals.

7 Rejane Street, Dana Carlow

Karen Carlow appeared concerning the necessity of obtaining Kent County Water Authority Supply for the property at 7 Rejane Street. The Chairman asked if the applicant understood the revised standard conditions in lieu of a moratorium and the applicant did acknowledge the same and was given a copy and heard the Chairman read the revised standard conditions in lieu of a moratorium and would abide by the same. She is currently on a well and spelled out the hardship in a letter to Kent County Water Authority which is attached as “C”.

It was moved by the Chairman and it was seconded by Board Member Boyer to approve water service connection to 7 Rejane Street based upon her well problem and that the water to be used was negligible subject affect on the system to the revised standard conditions in lieu of a moratorium as follows:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.

2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.

3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.

4. The applicant shall file a formal single family home application. The applicant/customer understands that any undetected error in the application or an increase or change in demand as proposed, which materially affects the ability to supply water to the site, will be the responsibility of the applicant/customer and not the KCWA.

5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.

6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparations shall be employed throughout the project.

And it was unanimously,

VOTED: To approve water service connection to 7 Rejane Street subject to the revised standard conditions in lieu of a moratorium as follows:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.
2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.
3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.
4. The applicant shall file a formal single family home application. The applicant/customer understands that any undetected error in the application or an increase or change in demand as proposed, which materially affects the ability to supply water to the site, will be the responsibility of the applicant/customer and not the KCWA.
5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.
6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparations shall be employed throughout the project.

Retail Development Pad B, Centre of New England

Approval for water service with revise standard conditions in lieu of a moratorium as built drawings by end of December, 2005 and easement provided to Kent County Water Authority on Centre of New England Boulevard.

It was moved by Board Member Boyer and seconded by Board Member Gallucci to approve water service connection to Retail Development Pad B/Centre of New of England subject to the revised standard conditions in lieu of a moratorium as follows and as built drawings by the end of December, 2005 and easement provided to Kent County Water Authority on Centre of New England Boulevard:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.

2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.

3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.

4. The applicant shall file a formal application with the necessary design drawings, flow calculations, including computer hydraulic modeling to fully evaluate this project supply availability and the potential impact on the existing public water system. The applicant/customer understands that any undetected error in any calculation or drawing or an increase or change in demand as proposed, which materially affects the ability to supply water to the project, will be the responsibility of the applicant/customer and not the KCWA.

5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.

6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparations shall be employed throughout the project.

7. Provide outstanding as-built drawings by December 31, 2005.

8. Provision of an easement acceptable to Kent County Water Authority attorney.

And it was unanimously,

VOTED: To approve water service connection to Retail Development Pad, B/Centre of New of England subject to the revised standard conditions in lieu of a moratorium as follows and as built drawings by the end of December, 2005 and easement provided to Kent County Water Authority on Centre of New England:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.
2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.
3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.
4. The applicant shall file a formal application with the necessary design drawings, flow calculations, including computer hydraulic modeling to fully evaluate this project supply availability and the potential impact on the existing public water system. The applicant/customer understands that any undetected error in any calculation or drawing or an increase or change in demand as proposed, which materially affects the ability to supply water to the project, will be the responsibility of the applicant/customer and not the KCWA.
5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.
6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper

planting bed (high water holding capacity) soil preparations shall be employed throughout the project.

7. Provide outstanding as-built drawings by December 31, 2005.

8. Provision of an easement acceptable to Kent County Water Authority attorney.

129 East Greenwich Avenue, Sara Wye

The applicant requested a continuance to next month.

Spencer's Grant/Stone Carry Way

Scott Tierney and Tim Thieler appeared concerning the necessity of obtaining Kent County Water Authority Supply for Spencer's Grant. The General Manager had been provided a letter from the East Greenwich Fire Marshall and historical documents from the Town of East Greenwich. The applicants are here as neighbors of the area employ a private well water system and have a need to tie into Kent County Water Authority.

Board Member Masterson stated that need of these applicants begs to treat this request as current water. The applicants may need to drill another well but desire the reliability of Kent County Water Authority. The East Greenwich Fire Marshall believes that this oversized cul-de-sac was to be tied in for fire protection purposes from the start. The hardships are listed on a communication to the Board dated October 13, 2005 and is attached as "D".

The Chairman asked if the applicants understood the revised standard conditions in lieu of a moratorium and the applicants did acknowledge the same and heard the Chairman read the revised standard conditions in lieu of a moratorium and would abide by the same.

The General Manger stated that radon levels are a concern to applicants, however, radon is in all the water and there is no guarantee about public water being radon free and with regard to fluoride, Kent County Water Authority does not add fluoride from its wells but Providence water does to its supply and Kent County Water Authority is a mixed system.

It was moved by Board Member Masterson and it was seconded by Board Member Boyer to approve water service connection based upon the hardship to Spencer's Grant/Stone Carry Way residents subject to the revised standard conditions in lieu of a moratorium subject to the applicants as follows and that they are responsible for the actual connection, pressure test and chlorination with any required repairs as need and in addition that the applicants (all residents of Spencer's Grant/Stone Carry Way) be responsible for forming an entity in that they will be responsible for all costs associated with the water connection and said entity must be in a form which is acceptable to Legal Counsel of Kent County Water Authority:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.

2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.

3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.

4. The applicant shall file a formal application with the necessary design drawings, flow calculations, including computer hydraulic modeling to fully evaluate this project supply availability and the potential impact on the existing public water system. The applicant/customer understands that any undetected error in any calculation or drawing or an increase or change in demand as proposed, which materially affects the ability to supply water to the project, will be the responsibility of the applicant/customer and not the KCWA.

5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.

6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparations shall be employed throughout the project.

7. Residents shall be responsible for all cost associated with connection to the public water system.

8. Form a legal entity contact organization approved by the Kent County Water Authority legal counsel to complete requirements of service.

And it was unanimously,

VOTED: To approve water service connection to Spencer's Grant/Stone Carry Way residents subject to the revised standard conditions in lieu of a moratorium as follows and that they are responsible for the actual connection, pressure test and chlorination with any required repairs as needed and in addition that the applicants (all residents of Spencer's Grant/Stone Carry Way) be responsible for forming an entity in that they will be responsible for all costs associated with the water connection and said entity must be in a form which is acceptable to Legal Counsel of Kent County Water Authority:

1. The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by an applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.
2. A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.
3. Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.
4. The applicant shall file a formal application with the necessary design drawings, flow calculations, including computer hydraulic modeling to fully evaluate this project supply availability and the potential impact on the existing public water system. The applicant/customer understands that any undetected error in any calculation or drawing or an increase or change in demand as proposed, which materially affects the ability to supply water to the project, will be the responsibility of the applicant/customer and not the KCWA.

5. Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.
6. If irrigation systems are installed, they must be supplied by a private well. Xeriscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparations shall be employed throughout the project.
7. Residents shall be responsible for all cost associated with connection to the public water system.
8. Form a legal entity contact organization approved by the Kent County Water Authority legal counsel to complete requirements of service.

Pad A, B and Wal-Mart Gas/Out Service Connections Centre of New of England

John Caito, P.E. was present and stated 8" stubs were laid out at first and detailed on hand out and request cap tee and tap into the 8" on detail with a 2" service line which is against Kent County Water Authority rules and regulations and needs a waiver.

The General Manager stated that he will not recommend that the Board grant the requested waiver pursuant to a memo dated October 13, 2005 which was given to the Board and is attached as "E". He stated that any large connection would be Kent County Water Authority responsibility for maintenance (8" and up). John Caito agreed. The Chairman stated the connection is after the valve but questioned the billing issue and opined if it were master metered, it would not be a problem.

Board Member Graham strongly informed the Board that initially master metering 7-8 years ago was the plan but the Centre of New England has not followed through on its obligations and plans.

The General Manager agreed with Board Member Graham and expanded upon it in detail and stated that if Centre of New England has master metered it could proceed without a waiver, but Centre of New England still has not presented a completed plan.

John Caito spoke about a fresh water wetlands issue and admits that it could have been connected 7-8 years ago. Board Member Boyer questioned whether that Centre of New England wants to have it both ways and that the connection is against the regulations. Board Member Masterson stated that the Authority should not make a waiver. Legal Counsel questioned the efficacy of a waiver.

John Caito stated he wants a similar connection to Wal-Mart gas out station. The General Manager said they could be as 8 x 2 reducer – etc. but is in violation of the rules and regulations.

The Chairman stated maintain an 8” connection and they are paying for a 2” and would be considerable and agreed with an 8 x 2 reducer.

Board Member Boyer moved to waive the following Rules and Regulations of Kent County Water Authority: 3.18.11 and 3.14.3 to allow the applicant to connect to the existing 8” connection via an 8” x 2” reducer and in lieu of removal of the existing 8” connection and it was seconded by Board Member Gallucci and it was unanimously,

VOTED: To waive the following Rules and Regulations of Kent County Water Authority: 3.18.11 and 3.14.3 to allow the applicant to connect to the existing 8” connection via an 8” x 2” reducer and in lieu of removal of the existing 8” connection.

Discussion of Wingate Hotel Service Connection

A request from Centre of New England was made to add to the Agenda to discuss Wingate Hotel for discussion only was entertained by the Board and moved by Board Member Boyer and seconded by Board Member Gallucci to approve to add to the Agenda for discussion only and it was unanimously:

VOTED: To approve to add Wingate Hotel to the Agenda for discussion only.

Stephen Izzi, Esq., attorney for Centre of New England, stated that there was an engineering issue that Centre of New England would like to discuss. John Caito, P.E. stated that Centre of New England would grant an easement to Kent County Water Authority and Wingate will be able to tap from the Universal Boulevard water main which is practical as opposed obtaining water from Centre of New England Boulevard which is pursuant to regulations.

The Chairman stated that the initial discussion with Kent County Water Authority was that the Authority ownership of the water main was only to be on Centre of New England Boulevard and that it has been ignored. There are questions how to handle this situation and whether, Kent County Water Authority will be taking over the ownership at Universal Boulevard which is no longer an enhancement to the system. Many ideas from Centre of New England come up continually and there is no master plan. Legal Counsel concurred that any approvals or deviations should be on solid plans.

Board Member Masterson asked why no master plan? John Caito could not answer his question other than he did not know. Board Member Masterson could not understand why can't there be consistency within the site.

John Caito explained that this is tenant use driven and is incapable of being projected and continued to dodge the question whether there will be a master meter.

Board Member Masterson stated that the Authority should have a consistent project in front of it.

The Chairman stated that many master plans have been viewed.

Board Member Boyer stated that constant adjustment may be necessary on case by case.

Legal Counsel stated that there could be no decisions made or Board conclusions since it was for discussion only. The discussion ended.

Legal Matters

John Rocchio Corporation – (Monies Owed)

Both Superior Court and District Court cases settled for a total of \$9,500 and the Chairman directed that Legal Counsel finalize the settlement.

Bald Hill Pumping Station Easements

Research regarding the status of easements at the subject site has been conducted by Petrarca and McGair, Inc. and forwarded to Kent County Water Authority for review. The station is located on a parcel of land designated as Lot 31 on AP 241. The City of Warwick along with abutting lots 20, 29 and 33 granted easements to Kent County Water Authority for the purposes of a pumping station. More specifically, abutting lot owners (AP 241, Lots 29 and 20) granted easements to Kent County Water Authority for ingress/egress and water line. Kent County Water Authority shares ingress/egress easement rights with abutting lot owners. There is a storm drain easement front Kent County Water Authority site. A 20' sewer easement affects Lot 29 for the benefit of Lot 20.

Relocation of Tank Site – Read School House Road

The General Manager and Legal Counsel met with the Acting Town Manager, Town Solicitor and the Department of Public Works and the Town has agreed to the relocation of the tank site. Kent County Water Authority will convey the prior tank site to the Town in consideration for the relocation. A survey depicting the site has been prepared and forwarded to the Solicitor and Legal Counsel is awaiting review of the

survey by the Solicitor prior to preparing legal descriptions and deeds. Councilman Sanetti was present and stated he would see to this as a priority the next morning. Legal Counsel will send another letter to the Town.

Town of Coventry Cost Share Agreement (Re: Paving)

Acting Town Manager and Solicitor have approved the form of agreement and the contract has been forwarded to the Department of Public Works for execution, but as yet is unsigned and there may be other issues as infra this meeting.

Centre of New England

Centre of New England is requesting that Kent County Water Authority extinguish an easement that affects the Wal-Mart site. Pursuant to 39-16-8, Kent County Water Authority is required to first offer the easement area to the Town of West Greenwich and Coventry. In connection therewith, Kent County Water Authority has engaged Keith White of White Appraisal Co. to conduct an appraisal of the easement area and upon completion of the appraisal, the offer will be forwarded to the respective Towns. Legal Counsel for Centre of New England has forwarded to Legal Counsel for Kent County Water Authority correspondence stating that Kent County Water Authority has abandoned/extinguished the easement based on Centre of New England assumption that the pipe line has been removed and Kent County Water Authority can not use the site for a water main and Kent County Water Authority has no intention of using the easement area. Centre of New England further argues that even if the easement is viable, it has no value. Legal Counsel received from Universal Properties on October 13, 2005 a resolution from the Town Council for the Town of West Greenwich stating that the Town does not want to acquire the easement area. Legal Counsel for Centre of New England (Jack Walsh, Esq.) is requesting that the General Manager conclude that the easement has not been used and will not be used in order to facilitate Centre of New England obtaining a Declaratory Judgment. Mr. Walsh has concluded that if a Declaratory Judgment is obtained, Kent County Water Authority does not have to follow 39-16-8 thereby negating the need for an appraisal. Legal Counsel stated that the matter is proceeding with the due diligence of appraisal and the legal matter will be answered albeit it was just served before the meeting.

Director of Finance Report:

Arthur Williams, Finance Director, explained and submitted the financial report and comparative balance sheets, statements of revenues, expenditures, and cash receipts, disbursements through September, 2005 which is attached as "F", and after discussion, Board Member Boyer moved and seconded by Board Member Masterson to accept the reports and attach the same as an exhibit and that the same be incorporated by reference and be made a part of these minutes and it was unanimously,

VOTED: That the financial report, comparative balance sheet statement of revenues, expenditure, cash receipts and disbursements through

September, 2005, be approved as presented and be incorporated herein and are made a part hereof as “F”.

POINT OF PERSONAL PRIVILEGE & COMMUNICATIONS

A laudatory letter sent by Ms. Sienkewicz about the fine help by the Kent County Water Authority and its employees is attached as “G” and another laudatory letter sent by Mrs. Fisher about the nice employees who aided her is attached as “H”.

GENERAL MANAGER/CHIEF ENGINEER’S REPORT **OLD BUSINESS:**

Supplemental Water Supply, Warwick PWSB (For Discussion)

The General Manager has been in discussion with the Providence Water Supply Board and is expecting an answer to additional supply query and is engaged with the City of Warwick in additional supply talks.

The General Manager stated that a study on supply and transmission issues to meet projections – supply, storage and transmission is needed. He stated that the system needs to be integrated for existing and future customers. He reiterated his warning that new customers being added without new supply will lead to safety problems.

Coventry Paving Agreement Approval

This matter was held in that the Council has not authorized the agreement at this time.

New Business

Settlement John Rocchio Corporation

This matter was discuss in Legal Matters infra.

KCWA Easement Centre of New England, Appraisal Approval

White Appraisal Co. was recently engaged by the Chairman to determine the value of the Kent County Water Authority water line easement across Centre of New England property in Coventry and West Greenwich for due diligence purposes for the potential sale of the same.

It was moved by Board Member Masterson and seconded by Board Member Boyer to approve the hiring of White Appraisal Co. to conduct a fair market appraisal of the Kent County Water Authority water line easement for Centre of New England real

property in West Greenwich and Coventry in the amount of approximately \$1,500 - \$2,500 and it was unanimously,

VOTED: To approve the hiring of White Appraisal Co. to conduct a fair market appraisal of the Kent County Water Authority water line easement for Centre of New England real property in West Greenwich and Coventry in the amount of approximately \$1,500 - \$2,500.

Office Facility Addition, Design Required

The General Manager stated that the work to upgrade the facilities as Board Member Graham has requested would need to be designed and bid for construction based on the estimated cost and lack of budget as attached as "I". The consensus was to abandon planning.

Report on Hydrant Flushing Program

The program has been a success and continually improving the system by removing deposits.

Maude Avenue Area Re-service Status

This activity should commence on October 20, 2005 at 9:00 a.m. and should rectify the problem.

Revised Regulations Direction on Open Issues

The General Manager is working on this regulation and asked the Board for suggestions.

Strategic Plan Review, Date Finalization

The General Manager stated that new dates will be given to the Board for finalization by the next Board meeting.

PWSB Intervention Rate Case Review

The Kent County Water Authority Consultant, Christopher Woodcock filed his testimony, and it is unclear whether or not the General Manager's testimony will be necessary.

Bid Approval Vehicle Purchase

The General Manager stated that there were two bids for the vehicle purchase and Liberty Chevrolet was the lowest bid in the amount of \$37,642.00 and an outline of which is attached as "J" and it was moved by Board Member Boyer and seconded by

Board Member Graham to award the bid for the vehicle purchase of two (2) Model TC 15903, 2WD, service pick up trucks to Liberty Chevrolet in the amount of \$37,642.00 in and, it was unanimously,

VOTED: To award the bid for the vehicle purchase of two (2) Model TC 15903, 2WD, service pick up trucks to Liberty Chevrolet in the amount of \$37,642.00.

Spring Lake Well Re-Activation Status

The impellers need to be re-attached and pump needs to be reinstalled. The high amount of iron and manganese will have an affect on its future usage and is being monitored.

PUC Report & Order 3660, Health Coverage Discussion

The General Manager stated that the health insurance will be reviewed by the Board and the plan is due in May, 2006. The General Manager stated that there were many options but he deems it necessary to have a consultant.

CAPITAL PROJECTS: **INFRASTRUCTURE PROJECTS :**

Clinton Avenue Pump Station Work Direction –

There was a discussion on the Scituate Paving Agreement and the fact that the State would not release Brito from the State permit. The Authority is awaiting further word from the Department of Transportation.

It was moved by Board Member Boyer and seconded by Board Member Masterson to execute the work directive D-1 at Clinton Pump Station for \$512.67 attached as “K” and it was unanimously,

VOTED: To execute the work directive D-1 at Clinton Pump Station for \$512.67 attached as “K”.

All other Capital Projects and Infrastructure Projects are addressed in an exhibit attached as “L” as prepared and described to the Board by the General Manager with general discussion following.

Board Member Graham made a Motion to adjourn, seconded by Board Member Gallucci and it was unanimously,

VOTED: To adjourn the meeting at 7:13 P.M.

Secretary Pro Tempore

EXHIBIT A

October 19, 2005

Technical Memorandum Task Order No. 6

High Pressure Gradient Demand Evaluation – October 2005 Kent County Water Authority

1.0 Background

C&E Engineering Partners, Inc. (C&E) in November 2004 presented Project Task Orders No. 2 and 3 to the Kent County Water Authority (Authority). These Task Orders consisted of evaluating the available water supply capacity related to the High Service Gradient portion of the Authority's system and included identifying potential surplus supply capacity for future growth within this area of the service territory. This evaluation was performed in consideration of several water infrastructure improvement projects (recently activated booster pump stations) that provided an increase to the overall supply capacity of the High Service Gradient service territory.

The results of this evaluation identified an existing maximum day system demand within the High Service Gradient of 2,197 gpm (3.17 MGD). The current water supply capacity of the High Service Gradient was determined to be 4,400 gpm (6.34 MGD) which is the supply output capacity of the three (3) booster pump stations that service this pressure gradient. As it is required, based on American Water Works Association (AWWA) Standards, that at minimum the available supply capacity to a water system (in this case a defined pressure zone) be equal to the maximum day demand of that area, the theoretical surplus supply capacity was determined to be equal to 2,203 gpm (3.17 MGD). *Note: As of this date there are no known additional sources of supply to this area of the water system that have been brought on line.*

The evaluation determined that the High Service Gradient portion of the water system was capable of accommodating a defined increase in the maximum day water demand associated with additional growth and development that was expected to occur within this portion of the system. This defined increase is associated with projects for which the Authority had granted formal approval of supply. At the time (November 2004), the maximum day demand associated with approved projects was equal to 3.01 MGD⁽¹⁾

⁽¹⁾ The maximum day demand was modified from 3.03 MGD as presented in Task Order 2 to 3.01 MGD as presented in Task Order 3. This was a direct result of examining maximum day water use multipliers which were modified to be specific to the type of development (i.e. residential, commercial, industrial, etc.)

as finalized in Task Order 3. As the existing High Service Gradient had an identified surplus capacity of 3.17 MGD, it was determined to be sufficient to meet the maximum day demand associated with these approved projects.

Task Order 3 evaluation concluded that there existed a surplus capacity to serve additional growth in High Service Gradient equal to 0.16 MGD or approximately 160,000 gallons per day. It was also concluded that there were potential projects which were yet unapproved for water supply by the Authority which would further tax the ability of the High Service Gradient to effectively meet the overall supply of water to this portion of the system. The total maximum day water demand from all potential projects was well in excess of the available supply capacity to the High Service Gradient. The conclusion of the evaluation was that there was a shortage of overall water supply in the High Service Gradient to meet current existing demand coupled with all known potential development project(s).

The current pace of proposed development was also reviewed in the context of the projections contained in the Authority's Water Supply System Management Plan (WSSMP). It was concluded that the rate of growth and development and the associated need for water is apparently occurring in the High Service Gradient at a rate greater than that projected in the WSSMP. The immediate concern was that the potential for water demand in the very near future is likely to be in excess of the 20-year demand projection contained in the WSSMP.

Further evaluation was then completed to quantify and evaluate impacts of these anticipated increases in maximum day water demand by evaluating water supply infrastructure projects that would serve to augment the available water supply to meet this anticipated future demand. These projects were each evaluated and categorized based on their ability to augment water supply to this area of the system. It was recommended that the Authority consider evaluating viable infrastructure projects that would have the beneficial effect of increasing water supply to the High Service Gradient area in an attempt to reduce water supply deficit from anticipated water demand from future development projects.

2.0 Purpose and Scope

The Authority desires to reevaluate the High Service portion of the service territory with respect to available capacity of water supply in relation to existing and approved development projects since completion of previous Task Orders 2 and 3 in November 2004. This Task Order 6 includes examining the total water supply capacity of the High Service Gradient in relation to available water supply and the ability to meet current (i.e. existing) demands and those development projects for which formal approval has been granted since November 2004. The following are the specific tasks for Task Order 6.

- Meet with Authority personnel to review all approved development projects for the High Service Gradient since completion of previous Task Orders No. 2 and 3 in November 2004.
- Update the computerized spreadsheet identifying development projects for the High Service Gradient and calculate resulting impact for average and maximum day water demands.
- Meet with Authority personnel in an attempt to identify other potential water demands that have been approved including single and multi family dwellings that were not necessarily accounted for in the original spreadsheet and which have the impact of increasing water demand. The implication is that the effect of numerous single and multi family dwelling approvals would have a similar impact for affecting available surplus water capacity as those previously identified “large scale” development projects.
- Accounting for all known “approved” development projects since completion of the previous Task Orders, determine the increase in average and maximum day water demands to this portion of the service territory. Provide assessment as to the effect on the previously calculated surplus capacity for the High Service Gradient.
- Develop a digital computer based spreadsheet (Microsoft Excel format) documenting approved development(s) for use by Authority personnel to be periodically updated for future demand approvals. This record spreadsheet will be able to be used to provide demand information relative to the High Service Gradient for future updates of the computerized hydraulic model.

3.0 Water Demand Analysis

3.1 General

As in the previous Task Orders, the critical nature of the demand analysis is the ability of the water system to meet consumer maximum day demands. The Authority's water system infrastructure is routinely capable of supplying consumer average day demands that occur throughout the year and *which are approximately one half that of the maximum day demand*. Maximum day demands typically occur during several days or slightly longer during the summer months and it is during this period when the water system *must* be capable of meeting supply demand as it occurs or service interruptions or reductions in service would likely be the result.

3.1 Analysis

C&E conducted a meeting with Authority personnel to ascertain the status of all development approvals for water supply service in the High Service Gradient since completion of the previous Task Orders. This included all known development projects through September 2005 that were not included in the demand data base of the computerized hydraulic model. The development projects included those that were on record but not constructed during preparation of the hydraulic model and therefore were not included in the model demand data base. This also included identifying approvals for single and multifamily residential development that cumulatively would impact the supply capability of the water system.

Information that was collected included: type of development (i.e. residential, commercial, etc.), descriptive location in the system, estimates of average day water demand, maximum day demand multiplier and estimates of maximum day water demand.

The spreadsheet developed in November 2004 had identified a total of approved water demands of equal to 1.57 MGD for average day and 3.01 MGD for maximum day. It was determined at that time that the surplus pumping capacity of the High Service Gradient of 3.17 MGD was capable of meeting the projected

maximum day demand of 3.01 MGD from all approved development projects. This resulted in a surplus supply capacity of 0.16 MGD to meet demands in the High Service Gradient.

The spreadsheet was then updated to include all single and multi family residences as well as other development projects that had been approved for water supply since November 2004. A copy of this updated spreadsheet is provided as Attachment No. 1. In summary and since November 2004, the average day demand of all the approved developments has increased to 1.78 MGD (from 1.57 MGD) and the maximum day demand has increased to 3.46 MGD (from 3.01 MGD). This equates to an increase in the maximum day demand of 0.45 MGD since November 2004.

This maximum day demand of 3.46 MGD exceeds the previously calculated surplus capacity of 3.17 MGD and demonstrates a shortfall of water supply in the High Service Gradient to meet the maximum day demand. This results in a calculated deficit of water supply capacity to meet the maximum day demands of the High Service Gradient of 0.29 MGD.

4.0 Summary and Conclusions

- The High Service Gradient in November of 2004 had an available supply capacity of 3.17 MGD and was determined capable of supplying existing and approved development projects, which totaled 3.01 MGD.
- There existed additional as yet unapproved development projects which if approved would greatly exceed the supply capacity of the High Service Gradient. Source augmentation was necessary in order to meet this potential future demand.
- In November 2004, the High Service Gradient had a theoretical surplus capacity to meet maximum day demands of 0.16 MGD.
- In October 2005, the list of all approved developments (as per the September 2005 approvals of the Board) was updated which included an accounting of all single and multi family residences as well as approved developments since November 2004 was updated. The maximum day consumer demand from all approved developments is now calculated at 3.46 MGD, which is above the

November 2004 available surplus capacity of 3.17 MGD. The updated spreadsheet that details the water supply approvals is included as Attachment No. 1.

- This demonstrates that there is a supply deficit in capacity to meet the maximum day demands of the High Service Gradient of approximately 0.29 MGD.
- Attachment No. 2 provides a series of Tables that quantifies existing and approved maximum day demands in November 2004 and as of September 2005 in relation to the available supply capacity of the High Service Gradient.
- Without additional supply augmentation, additional approvals of development(s) relating to increasing water demand within the High Service Gradient will further increase the deficit of water supply to meet maximum day demands. This would also further exacerbate the supply deficit and increase risk of the water system not possessing the ability to meet overall consumer demands. Supply deficits during maximum day demand periods will result with possible service interruptions for existing customers and an inability to maintain critical levels in the water storage tanks for adequate pressure and fire service protection.

ATTACHMENT NO. 1

APPROVED HIGH SERVICE DEVELOPMENTS
THROUGH OCTOBER 2005

APPROVED HIGH SERVICE DEVELOPMENTS (SEPTEMBER 2005)

Number	Development	Street	Description	Avg. Day (gpm)	Max Day Multiplier	Max Day (gpm)	Date Approved
1	Signal Ridge	EG Re-service	Residential	141.1	2.3	324.5	1/1/2001
2	Rose Farm	Frenchtown Rd., EG	Residential	1.11	2.3	2.6	5/4/2001
3	Birchwood Glen	Kulus Rd., WW	Residential	2.78	2.3	6.4	11/20/2001
4	Middle Woods	Middle Rd., EG	Residential	27.8	2.3	63.9	11/27/2001
5	Shippetown Road Sub.	Shippetown Rd., EG	Residential	6.67	2.3	15.3	12/10/2001
6	Amgen	Technology Way, WG	Industrial	833.3	*	1500.0	2/8/2002
7	Sandra Court	Reservoir Rd., COV	Residential	1.81	2.3	4.2	5/20/2002
8	Chole Court	Clark Rd., COV	Residential	2.08	2.3	4.8	7/19/2002
9	Hawk Crest Est.	Hill Farm Rd., COV	Residential	12.2	2.3	28.1	4/4/2003
10	Crystal Creek	Middle Rd., EG	Residential	9.58	2.3	22.0	4/10/2003
11	Long Meadow	Frenchtown Rd., EG	Residential	8.33	2.3	19.2	4/10/2003
12	Middle Hollow	Middle Rd., EG	Residential	2.78	2.3	6.4	5/14/2003
13	Blueberry Hill	Shippetown Rd., EG	Residential	7.78	2.3	17.9	8/26/2003
14	Hidden Ridge	Shippetown Rd., EG	Residential	8.89	2.3	20.4	10/29/2003
15	Green Farm	Squirrel Ln./Tillinghast Rd., EG	Residential	6.67	2.0	13.3	1/12/2004
16	Dunkin Donuts	New London Turnpike	Commercial	1.3	1.5	2.0	2/9/2004
17	Chiropractic Center	Nooseneck Hill Rd., WG	Commercial	0.63	1.5	0.9	7/24/2004
18	Randolph Bank	Center of New England, COV	Commercial	1.0	1.5	1.5	11/11/2004
19	Leisure Condo	Nooseneck Hill Rd., COV	Condominiums	13.9	2.0	27.8	11/12/2004
20	Coventry Lumber	Nooseneck Hill Rd., COV	Commercial	1.0	1.5	1.5	11/16/2004
21	Santo Lombardi	Sharon Dr., COV	1 Residence	0.4	2.3	0.9	11/18/2004
22	Home Depot	Center of New England, COV	Commercial	1.7	1.5	2.6	12/6/2004
23	Debra Zarella	Frenchtown Rd., EG	1 Residence	0.4	2.3	0.9	3/16/2005
24	Arlington RV	Division Rd., WG	Commercial	3.5	1.5	5.3	3/16/2005
25	Brooks Pharmacy	Division Rd., EG	Commercial	10.4	1.5	15.6	3/16/2005
26	Pine Ridge	Hopkins Hill Rd., COV	Residential	28.8	2.3	66.2	3/16/2005
27	Westwood Apartments	Reservoir Rd., COV	Apartments	4.9	2.0	9.8	3/16/2005
28	Dawn Santilli	68 Surrey Ln., WW	1 Residence	0.4	2.3	0.9	3/22/2005
29	Maurice Cooney	949 Tillinghast Rd., EG	1 Residence	0.4	2.3	0.9	4/21/2005
30	Wingate Hotel	CNE Universal Blvd., COV	Hotel	2.0	2.0	4.0	5/2/2005
31	Wal-Mart	CNE Boulevard, COV	Commercial	1.7	1.5	2.6	5/2/2005
32	Paul & Tanya Rossi	53 Mohawk Tr., WG	1 Residence	0.4	2.3	0.9	5/18/2005
33	George Olney	22 Marion Dr., COV	1 Residence	0.4	2.3	0.9	5/18/2005
34	Mojtaba Rejaee	1627 Middle Rd., EG	1 Residence	0.4	2.3	0.9	5/18/2005
35	John Assalone	Valerie Dr., Parcel 1(a), WG	1 Residence	0.4	2.3	0.9	5/18/2005
36	John Assalone	Valerie Dr., Parcel 1(b), WG	1 Residence	0.4	2.3	0.9	5/18/2005
37	Peter Suorsa	12 Island Dr., COV	1 Residence	0.4	2.3	0.9	6/15/2005
38	Dana Carlow	Rejane St., COV	1 Residence	0.4	2.3	0.9	6/15/2005
39	Dunkin Donuts	Hopkins Hill Rd., WG	Commercial	1.3	1.5	2.0	6/15/2005
40	Andrew Potvin	Hopkins Hill Rd., COV	1 Residence	0.4	2.3	0.9	7/1/2005
41	Matthew L. Tucci	59 Club House Rd., WG	1 Residence	0.4	2.3	0.9	7/1/2005
42	Caren Bourque	Veronica Ct., COV	1 Residence	0.4	2.3	0.9	7/1/2005

APPROVED HIGH SERVICE DEVELOPMENTS (SEPTEMBER 2005)

Number	Development	Street	Description	Avg. Day (gpm)	Max. Day Multiplier	Max. Day (gpm)	Date Approved
43	Peter Rosiello	Pond View Ct., WG	1 Residence	0.4	2.3	0.9	7/1/2005
44	Albert/Barbara LaPlume	307 Shippeetown Rd., EG	1 Residence	0.4	2.3	0.9	7/20/2005
45	Arthur L. Larsson	298 Shippeetown Rd., EG	1 Residence	0.4	2.3	0.9	7/20/2005
46	Frederick Schulz	58 Crompton Rd., EG	1 Residence	0.4	2.3	0.9	8/11/2005
47	Richard Todisco	61 Island Dr., COV	1 Residence	0.4	2.3	0.9	8/17/2005
48	Maple Root Center	Nooseneck Hill Rd., COV	Commercial	1.7	1.5	2.6	8/17/2005
49	Deer Run	Carr Pond Rd., WG	Residential	13.0	2.3	29.9	8/17/2005
50	Gentry Glen Condos	Crompton Rd., WW	Condominiums	13.0	2.0	25.8	9/21/2005
51	Carriage House Condos	Reservoir Rd., COV	Condominiums	3.3	2.0	6.7	9/21/2005
52	Retail Pad A	Center of New England, COV	Commercial	1.3	1.5	2.0	9/21/2005
53	GrandVille @ Greenwich	Center of New England, WG	300 Apts/Condos	31.1	2.5	77.8	9/21/2005
54	Kenneth Hendrickson	335 Shippeetown Rd., EG	1 Residence	0.4	2.3	0.9	9/21/2005
55	Jane Revkin	385 Moosehorn Rd., EG	1 Residence	0.4	2.3	0.9	9/21/2005
56	Howard M. Duluide	20 Marion Dr., COV	1 Residence	0.4	2.3	0.9	9/21/2005
57	Larry Lachance	58 Robin Ln., WW	1 Residence	0.4	2.3	0.9	9/21/2005
58	184 Homes	Maude Ave., COV	Residential	19.7	2.3	45.3	9/21/2005
		TOTALS GPM		1237.31		2401.60	
		TOTALS MGD		1.78		3.46	

*Maximum day flow demand based on correspondence received from Immunex (Amgen) to KCWA dated January 15, 2002.
 Note: All flows for developments received from the Kent County Water Authority records.

ATTACHMENT NO. 2

HIGH SERVICE GRADIENT CAPACITY ANALYSIS TABLES

**Attachment No. 2 High Service Gradient Capacity Analysis
Tables**

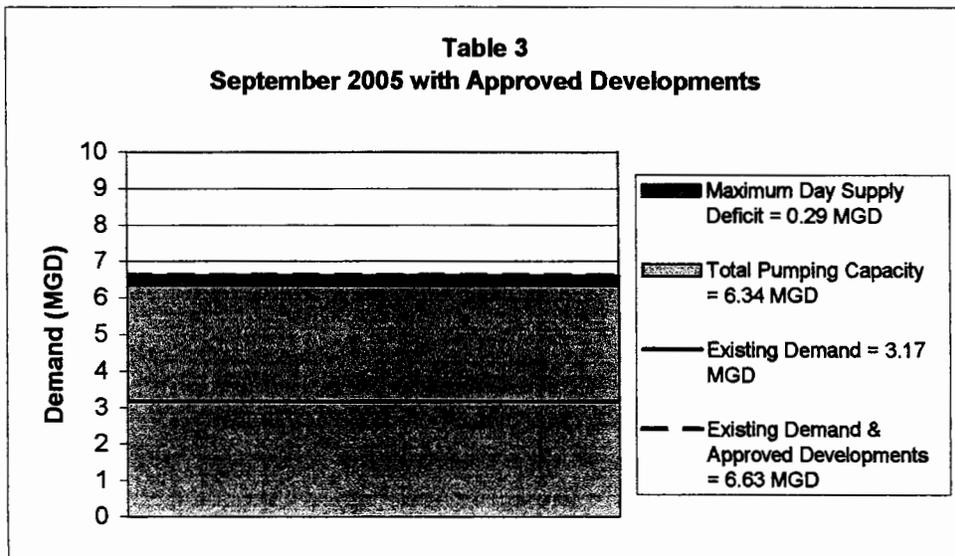
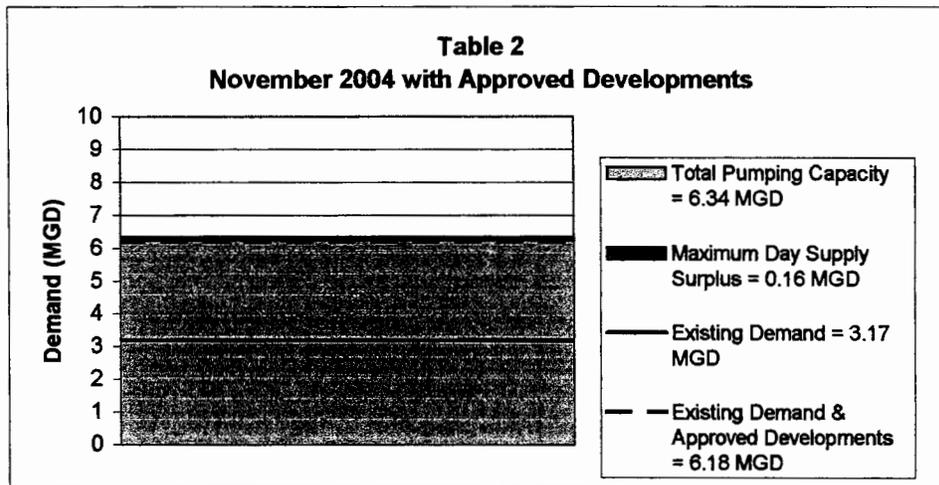
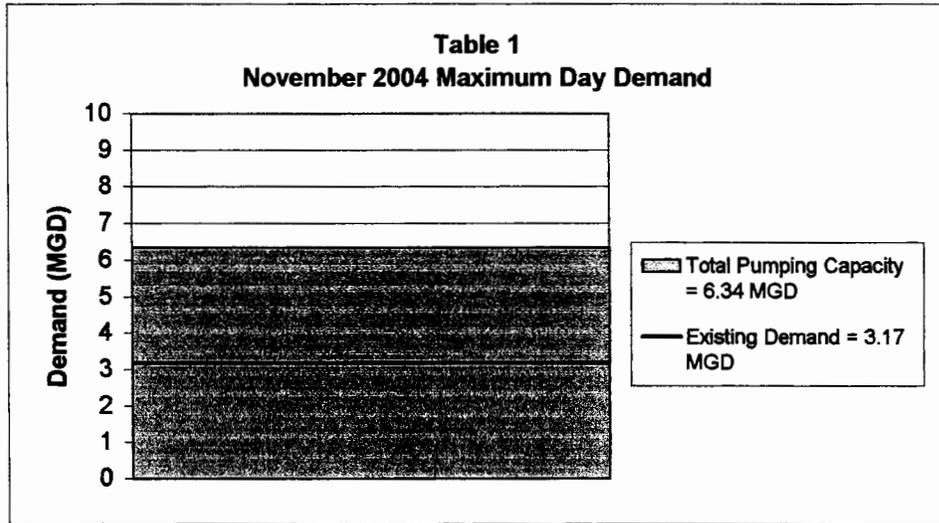


EXHIBIT B

October 19, 2005

Revised Conditions

- The Kent County Water Authority (KCWA) is not a guarantor of water supply for this or any other approval and KCWA can only supply water reasonably available to it and therefore any applicant/customer of KCWA understands that any third party commitments made by a applicant/customer are subject to the reasonable availability of water supply and limits of the existing infrastructure to support service.
- A deficient condition associated with accelerated commercial and residential development exists in the area serviced by the KCWA, the KCWA is in the process of planning for additional water supply and therefore delays or diminution in service may occur if the water supply is unavailable or unable to produce water sufficient to service the customers of KCWA.
- Ventures, commitments or agreements are at the applicant's sole risk if supply or existing infrastructure is found to be insufficient to support service. The applicant may afford the Authority with system improvements to facilitate adequate service.
- The applicant shall file a formal application with the necessary design drawings, flow calculations, including computer hydraulic modeling to fully evaluate this project supply availability and the potential impact on the existing public water supply system. The applicant/customer understands that any undetected error in any calculation or drawing or an increase or change in demand as proposed, which materially affects the ability to supply water to the project, will be the responsibility of the applicant/customer and not the KCWA.
- Only conservation-wise plumbing fixtures are to be installed including but not limited to low flow shower heads, low flow toilets and low flow aerators on faucets.
- If irrigation systems are installed, they must be supplied by a private well. Xeroscape landscaping technique and/or proper planting bed (high water holding capacity) soil preparation shall be employed throughout the project.

EXHIBIT C

October 19, 2005

7 Regane Str et, Coventry

7-21-05

Dear Sir or Madam,

I am asking you to please reconsider the approval to hook up to the Kent County Water system. I am very concerned for the health of my family due to the planned construction of a new dwelling and septic system in the lot adjacent to mine. This lot is approximately 10 feet from my well. My concern is that the quality of my well water will be affected once construction begins. The lot adjacent to my property has been approved to hook up to the water system.

Thank you for your reconsideration of this matter

Sincerely,

Karen J. Calver

EXHIBIT D

October 19, 2005

October 13, 2005

Spencer's Grant Drive and Stone Carry Way Residence
East Greenwich, RI 02818

To the KCWA Board;

Please consider this letter a request to be added to the Agenda for your meeting of October 19th, 2005. Attached you will find our application for connection to the KCWA system.

The 45 residents of Spencer's Grant Drive and Stone Carry Way would like to receive your approval to connect our already built "dry line" system to the Water Authority Main, which has been routed down Shipeetown road to new unoccupied development in the area.

Our system was installed per the direction of the East Greenwich Department of Public Works when the subdivision was built 10 plus years ago. As-built drawings have been obtained from the Public Works Department.

We would like to be granted capacity so that we can proceed with plans to pressurize and sanitize the system so that it can ultimately be recognized and adopted by the KCWA.

Residents have stated many concerns about water well quality and availability:

- Odor, taste and color due to high levels of Manganese and Iron.
- Radon levels at 4000 pCi/L.
- Inadequate production and pressure.
- Lack of fluoridation for the kids.
- Excessive cost of elaborate treatment systems to mitigate these problems.

Residents have also expressed their desire to have fire hydrants returned to the neighborhood. These hydrants had to be removed. The street includes an over-sized cul-de-sac, which has only one entrance at Shipeetown Road. The East Greenwich Fire District is supportive of this enhancement to fire safety.

We ask that you approve capacity for this neighborhood and its 20 kids. We appreciate your consideration and your task of allocating scarce resources.

Best Regards,

The Spencer's Grant Neighborhood.

EXHIBIT E

October 19, 2005

OFFICE MEMO

To: Board
From: Timothy Brown
Subject: Center of New England Service Connections Pad A, Pad B and Wal-Mart
Gas/Out Parcel
Date: October 13, 2005

We received a request from John P. Caito Corporation to come before the Board regarding use of existing eight-inch laterals to service the above referenced parcels. As a technical review item, it does not need to be placed on the Agenda. Kent County Water Authority Regulations applicable to this situation are:

Section 3.18.11 Service size shall remain consistent with the service tap size up to the point before the meter where service enters the building or meter pit.

Section 3.14.3 Existing services that will not be reused, resultant from demolition of a building, structure or change in service size to construct a new building, structure or change to the occupancy requirements must be cut and capped at the main.

The original Pad A design submission shows a two-inch service extending from the main into the building, but does not depict the existing eight-inch service stub. The Kent County Water Authority review letter notified the design engineer that the eight-inch service stub constructed in the Center of New England Boulevard was not shown on the plans and that a conflict existed that must be resolved. This review letter also noted that Kent County Water Authority Regulations 3.14.3 applied to this situation. The revised submission reflected the existing eight-inch service stub and annotated it to be cut and capped at the main. A separate two-inch service, as shown on the original submission, was indicated for service to the proposed building. Service design technical review approval was provided October 6, 2005 as the design was found to conform to the requirements of the regulations.

Pad B design submission shows a two-inch service extending from the main into the building, but does not depict the existing eight-inch service stub. The Kent County Water Authority review letter notified the design engineer that the eight-inch service stub constructed in the Center of New England Boulevard was not shown on the plans and that a conflict existed that must be resolved. The review letter also noted that Kent County Water Authority Regulations 3.14.3 applied to this situation. To date, no revised submission has been received for Pad B.

Wal-Mart gas/out parcel referenced in the John P. Caito, October 6, 2005 correspondence has yet to be submitted to the Kent County Water Authority for water service application. Water service for a gas/out parcel was indicated under the design plan technical review that was approved for

the Wal-Mart design submission, and no service connection was identified. A few weeks ago an engineering firm called our office regarding water service to the gas/out parcel. During the conversation, the engineer indicated that Wal-Mart stores would own the gas/out parcel. With that information it was determined by the engineer that the gas/out parcel would receive water service by tapping into the existing Wal-Mart domestic service after the master-meter. No design has been received reflecting this change to the Wal-Mart site.

Section 3.14.3 and 3.18.11 apply to these proposed installations. In the past, the CNE developer has left over sized services along the Center of New England Boulevard and later cut and capped them when a change and service application has arisen. In some instances twelve-inch service stubs were left and later capped at the main. These services should show up on the final as-built drawings once they are received from John P. Caito Corporation, by the December 2005 commitment.



25 Sharpe Drive Cranston, Rhode Island 02920
Telephone (401) 946-0300 Fax (401) 944-6009



October 6, 2005

Mr. Timothy J. Brown, P.E.
General Manager, Chief Engineer
Kent County Water Authority
P.O. Box 192
West Warwick, RI 02893-0192

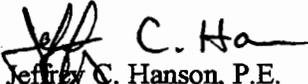
**RE: Service Connections, Pad A, Pad B & Wal-Mart Gas/Out Parcel
Centre of New England Boulevard
Centre of New England
Coventry, Rhode Island
Project File: 10.528**

Dear Mr. Brown:

We respectfully request to be placed on the October 19, 2005 agenda of the Kent County Water Authority Board meeting to use of the existing service laterals to each of the above referenced parcels.

Should you have any questions, comments or require any additional information please do not hesitate to contact us at your convenience.

Very Truly Yours,
John P. Caito Corporation


Jeffrey C. Hanson, P.E.
Project Manager

Cc: Robert Rapoza

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EXHIBIT F

October 19, 2005

KENT COUNTY WATER AUTHORITY
CASH RECEIPTS & DISBURSEMENTS
FY 2005 - 2006

	JULY 2005	AUGUST 2005	SEPTEMBER 2005	OCTOBER 2005	NOVEMBER 2005	DECEMBER 2005	JANUARY 2006	FEBRUARY 2006	MARCH 2006	APRIL 2006	MAY 2006	JUNE 2006		RATE REVENUE FY 05-06	RATE REVENUE FY 04-05
BEGINNING MONTH BALANCE	38,381,292	36,022,640	35,582,079	-	-	-	-	-	-	-	-	-			
CASH RECEIPTS:															
Water Collections	1,384,491	1,107,471	1,431,580	-	-	-	-	-	-	-	-	-	JUL	\$ 1,220,826.86	\$ 1,116,147.59
Interest Earned	147,784	73,154	78,066	-	-	-	-	-	-	-	-	-	AUG	\$ 1,172,194.14	\$ 935,221.97
Inspection Fees	10,800	5,075	24,000	-	-	-	-	-	-	-	-	-	SEP	\$ 3,267,439.49	\$ 2,438,062.38
Contribution in Aid Construction	-	-	-	-	-	-	-	-	-	-	-	-	OCT	\$ -	\$ 1,112,188.32
Other	-	-	-	-	-	-	-	-	-	-	-	-	NOV	\$ -	\$ 838,316.75
													DEC	\$ -	\$ 1,378,221.68
													JAN	\$ -	\$ 781,723.54
													FEB	\$ -	\$ 737,565.61
													MAR	\$ -	\$ 1,279,003.86
													APR	\$ -	\$ 731,562.72
													MAY	\$ -	\$ 684,013.82
													JUN	\$ -	\$ 1,539,621.92
TOTAL CASH RECEIPTS	39,924,367	37,208,340	37,115,725	-	-	-	-	-	-	-	-	-			
CASH DISBURSEMENTS:															
Purchased Water	265,112	410,744	433,464	-	-	-	-	-	-	-	-	-			
Electric Power	30,082	63,082	50,841	-	-	-	-	-	-	-	-	-			
Payroll	135,262	169,052	98,572	-	-	-	-	-	-	-	-	-			
Operations	83,201	101,422	39,924	-	-	-	-	-	-	-	-	-			
Employee Benefits	53,654	50,932	50,977	-	-	-	-	-	-	-	-	-			
Legal	10,805	5,432	1,229	-	-	-	-	-	-	-	-	-			
Materials	26,143	17,506	3,101	-	-	-	-	-	-	-	-	-			
Insurance	3,171	3,171	3,171	-	-	-	-	-	-	-	-	-			
Sales Taxes	20,474	12,772	7,436	-	-	-	-	-	-	-	-	-			
Rebunds	9	-	908	-	-	-	-	-	-	-	-	-			
Rate Case	9,030	4,479	-	-	-	-	-	-	-	-	-	-			
Conservation	-	-	-	-	-	-	-	-	-	-	-	-			
Prior	8,342	-	-	-	-	-	-	-	-	-	-	-			
Capital Expenditures (Other)	254	-	-	-	-	-	-	-	-	-	-	-			
2002 Infrastructure	950	150	-	-	-	-	-	-	-	-	-	-			
2003 Infrastructure	-	143,367	300	-	-	-	-	-	-	-	-	-			
2004 Infrastructure	2,475	534	41,395	-	-	-	-	-	-	-	-	-			
Mishock Well/Storage/Pump/Tems.	-	-	-	-	-	-	-	-	-	-	-	-			
Frenchtown - Station Tanks	5,448	128,910	-	-	-	-	-	-	-	-	-	-			
Oaklawn Meter Pit	-	-	-	-	-	-	-	-	-	-	-	-			
Cintona Avenue Pump Station	11,652	133,416	238	-	-	-	-	-	-	-	-	-			
E. C. Well Upgrade	276	99	-	-	-	-	-	-	-	-	-	-			
GIS Development Mapping	49,446	34,521	-	-	-	-	-	-	-	-	-	-			
Barncock Road - 24"	48,834	287,734	-	-	-	-	-	-	-	-	-	-			
Covington Road - 8"	4,481	363	-	-	-	-	-	-	-	-	-	-			
Mishock Well - Color Evaluation	-	-	-	-	-	-	-	-	-	-	-	-			
Read Schoolhouse Road	740	935	-	-	-	-	-	-	-	-	-	-			
Read Schoolhouse Road Tank	-	-	-	-	-	-	-	-	-	-	-	-			
Mishock Well - Plot	9,335	297	-	-	-	-	-	-	-	-	-	-			
Walker Street - Sewer Line	75	1,571	2,423	-	-	-	-	-	-	-	-	-			
Greenwich Avenue - Pipe Lining	1,550	7,288	-	-	-	-	-	-	-	-	-	-			
U. S. Bank - Debt Service (P & I)	3,025,372	-	-	-	-	-	-	-	-	-	-	-			
Water Protection	93,534	48,444	136,514	-	-	-	-	-	-	-	-	-			
TOTAL DISBURSEMENTS	3,901,727	1,656,261	870,493	-	-	-	-	-	-	-	-	-			
BALANCE END OF MONTH	36,022,640	35,582,079	36,245,232	-	-	-	-	-	-	-	-	-			
PRIOR YEAR	39,522,032	38,314,669	38,070,078	-	-	-	-	-	-	-	-	-			

EXHIBIT G

October 19, 2005

25 Bettez St
W. Warwick RI 02893
October 17, 2005

KCWA
1072 Main St
W. Warwick, RI 02893

Dear Mr. Brown,

I had 30 inches of water in my cellar this weekend, and I'd like to take the time to commend several employees of the KCWA.

First of all, there were two men up on Angel Street behind my house repairing a water main break, who took the time to come down to my house on Bettez and reassure me that the water main break wasn't going to make my situation worse than it already was. Unfortunately I failed to get their

(2)

names, but this would have been around 2 or 3 in the afternoon, probably close to 3.

After they left, I thought of a couple of other questions, so I called the 821-9300 number and got "Bob" on the phone, who was equally pleasant, helpful, patient, and professional.

Finally, at around midnight, after hours of sweeping the remaining water into the sump pump hole without making progress, I called again. "Ron" actually came to my house, helped me check things out in and outside of the house to make sure that everything was otherwise in order, and was not my kind "patient" but also the very voice of reason. By that point, I almost had to be talked in "off the ledge,"

(3)

and his combination of professionalism & understanding returned a more sane perspective to me.

All four of these individuals represent the KCWA in an extremely positive manner by using their professional knowledge and combining that with their own personal traits of decency and intelligence. Many many thanks to the two water main break guys from Angel Street, to Bob, and to Ron.

Sincerely,

Karen Sienkewicz
Karen T Sienkewicz

EXHIBIT H

October 19, 2005

10-3-05

Dear Mr. Brown,

I want to thank you & Frank Perry for being so kind to me & correcting my problem with the water.

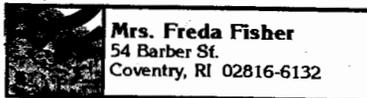
I want to also tell you about Rick & Bat Arlsen

They were great and put me at ease, that all would be okay.

They did a wonderful job checking the water.

They looked like 2 Chemists testing the water.

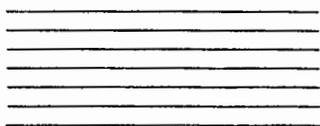
Thanks again,
Freda Fisher



Mr. Brown

EXHIBIT I

October 19, 2005



OFFICE MEMO

To: Tim Brown
From: John Duchesneau
Subject: Office Facility Addition
Date: September 16, 2005

Today we received an estimate from Dome Construction in the amount of \$32,823 to install a new access ramp, main entrance with mail slot and front desk security glass partition. Of the four companies contacted, Dome Construction is the only company to provide an estimate for the work. This estimate well exceeds the procurement regulation allowances for non-competitive bidding. Bidding the project will require engineering services to provide design plans and specifications necessary to ensure all aspects of the construction are properly addressed in the bid solicitation.

COPY SENT TO	
BOARD MEMBERS	10/6/05
CHAIRMAN	
LEGAL COUNSEL	

Dome Construction Co., Inc

P.O. Box 157

Cumberland, RI 02864-0157

401-723-2877 FAX 401-723-3039

PROPOSAL

Date: 9/26/2005

Proposal # D 6073

Submitted To:

Kent County Water Authority
P.O. Box 192
West Warwick, RI 02893
Attn: John Ducheneau

Job Name: Kent County Water Authority
1072 Main Street
W. Warwick, RI

Description: interior & exterior
renovations

- 1.) Cut, demo and remove existing Main Street entrance door and interior glass door, dispose of all debris.
- 2.) Tooth back masonry block to create new running bond. Supply and install masonry block and brick to close in opening.
- 3.) Supply and install new interior finishes, matching existing as best as possible, in the foyer entrance.
- 4.) Supply and install all necessary trim stock and casing to create a thru-way from the entrance area to the counter area.
- 5.) Saw cut, demo and remove all necessary brick and block to create an area large enough for a new entrance door and new mail slot.
- 6.) Supply and install one (1) new 3'0" x 7'0" commercial glass steel door with remote HC push bottom opening, panic hardware and motorized operator.
- 7.) Supply and install one (1) new HC approved extruded aluminum horizontal collection box with front loading and rear collection.
- 8.) Excavate and remove approximately 5' x 10' area of existing top soil on the new side entrance.
- 9.) Form, with framing material, a new handicap ramp.
- 10.) Supply and install 3/4", 3000 psi concrete in newly formed area with finished edging and flush transition to existing sidewalk area.
- 11.) Fabricate and install new two (2) rail HC railing system anchored to new ramp.
- 12.) Cut and remove existing cabinet and countertop area.

Dome Construction Co., Inc

P.O. Box 157

Cumberland, RI 02864-0157

401-723-2877 FAX 401-723-3039

PROPOSAL

Date: 9/26/2005

Proposal # D 6073

Submitted To:

Kent County Water Authority
P.O. Box 192
West Warwick, RI 02893
Attn: John Ducheneau

Job Name: Kent County Water Authority
1072 Main Street
W. Warwick, RI

Description: interior & exterior
renovations

- 13.) Fabricate and install one (1) new, approximately 4'-10" wide cabinet and service counter with adjustable shelves, laminate counter top and two (2) locking doors.
- 14.) Apply stain and multiple coats of polyurethane finish to new birch cabinet.
- 15.) Supply and install new interior separation wall with new door, two (2) speaker holes, 1/4" safety glass, architectural aluminum frames, panic hardware and keyed lockset with classroom function.
- 16.) Cut and remove existing damaged rear exterior door and dispose of debris.
- 17.) Supply and install one (1) new 3'-0" x 6'-8" commercial steel door with glass, panic hardware, door closure and levered lockset.
- 18.) Supply and install all necessary electrical requirements needed for automatic operators.
- 19.) Clean up and dispose of any remaining debris.

We hereby propose to furnish material and labor - complete in accordance with the above specifications for the sum of:

Thirty Two Thousand, Eight Hundred Twenty Three Dollars and 00/100*****\$32,823.00

Authorized Signature

Dana Rivello

NOTE: This proposal may be withdrawn by us, if not accepted within 60 days.

PAYMENT TERMS: NET 30 days

ACCEPTANCE OF PROPOSAL - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature _____

EXHIBIT J

October 19, 2005

KENT COUNTY WATER AUTHORITY
INVITATION FOR BID
VEHICLE PURCHASE
BID OPENING – OCTOBER 6, 2005

Bid Opening relating to Vehicle Purchase was held at 10:00 a.m., October 6, 2005. Attendance at the pre-bid meeting was a mandatory requirement to submit a Bid. The Invitation was advertised in the Providence Journal on Wednesday, September 21, 2005. The Bid Opening was held at 10:00 a.m. per the requirements of the Bid Invitation.

The work consists of furnishing the following vehicles with attachments:

1. Two (2) each 2006, Model TC 15903, 2WD, 8 foot bed, 1500 series regular cab, "Sierra" Pickup Truck or equal.

Attendees of the Bid Opening were as follows:

1. KCWA, John Duchesneau

At 10:00 a.m. the Bid Opening began by John Duchesneau opening the submitted Bids listed below:

1. Liberty Chevrolet, 90 Bay State Road, Wakefield, MA 01880

\$37,642

Unit Bid Price - \$18,821.00

Trade-in Price \$4,000

2. Hurd GMC, 1669 Hartford Avenue, Johnston, RI 02919

\$41,000

Unit Bid Price - \$20,500

Trade-in Price \$4,000

The Bid Opening meeting was closed at 10:05 a.m.

EXHIBIT K

October 19, 2005

WORK CHANGE DIRECTIVE

No. 1

DATE OF ISSUANCE September 9, 2005

EFFECTIVE DATE September 9, 2005

OWNER KENT COUNTY WATER AUTHORITY

CONTRACTOR WALSH CONSTRUCTION COMPANY

Contract: REHABILITATION OF THE CLINTON AVENUE PUMP STATION

Project: _____

Owner's Contract No. _____

Engineer's Contract No. #J0362

ENGINEER C&E ENGINEERING PARTNERS, INC.

You are directed to proceed promptly with following change(s):
Description:

Furnish and install 'waterplug' hydraulic cement to patch and repair voids at existing mortar joints at CMU infill discovered at exterior concrete foundation south wall.

Purpose for Work Change Directive:

Correct previously unknown deficient condition of existing CMU infill discovered during excavation for new sump drain piping.

Attachments: (List documents supporting change)

Contractor's PCO#1 Cost Proposal

If OWNER or CONTRACTOR believe that the above change has affected Contract Price any Claim for a Change Order based thereon will involve one or more of the following methods as defined in the Contract Documents.

Method of determining change in Contract Price:

- Unit Prices
- Lump Sum
- Cost of the Work _____

Estimated increase (~~decrease~~) in Contract Price:

\$ 512.67

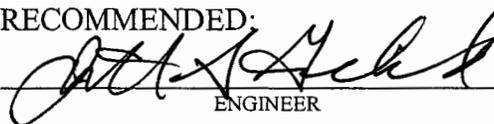
If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

Estimated increase (decrease) in Contract Times:

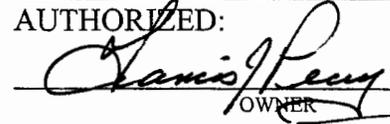
Substantial Completion: 0 days;

Ready for final payment: 0 days.

RECOMMENDED:


ENGINEER

AUTHORIZED:


OWNER

By: JONATHAN S. GERHARD PE.
SENIOR PROJECT ENGINEER

By: Francis J. Perry
Chairman/Kent County Water Authority

PCO #01 - Repair to Block Box Out, South Elevation

Labor

Laborer Foreman	4 hours x	\$45.80	\$183.20
Laborer	4 hours x	\$44.40	\$177.60

Labor Subtotal \$360.80

Equipment Rental

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Equipment Subtotal \$0.00

Material

Waterplug	5 Gal	\$85.00
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Material Subtotal \$85.00

Subtotal \$445.80

General Contractor Markup 15% \$66.87

General Contractor Subtotal \$512.67

TOTAL \$512.67

EXHIBIT L

October 19, 2005

PLANNING DOCUMENT \$25,000/YEAR ALLOCATION

PROJECT	STATUS
Water Supply System Management Plan WSSMP	Approved & completed 5 year update due 2007
Clean Water Infrastructure Plan	Approval June 13, 2003. 5 year update due 2008
Vulnerability Assessment Bio-Terrorism Bill	Submitted December 19, 2003
Revised Emergency Response Plan	By June 19, 2004
Simplified EFP Topic Sheets/Employee distribution	December 2004

UPDATED CIP PROJECTS BOND FUNDING

PROJECT	STATUS
Mishnock Well Field (new wells) CIP - 1A	Project closed out.
Mishnock Transmission Mains CIP - 1B	Project closed out.
Mishnock Treatment Plant CIP - 1C	Project closed out.
R-CIP 19 Tiogue Avenue Main	Project closed out.
East Greenwich Well Treatment Plant - CIP-2	Await Pilot Program Mishnock
Blackrock Road Transmission Main - CIP-4	Main Line Construction Completed. Clean up & Scituate Paving.
Clinton Avenue Pump Station Rehabilitation CIP - 7A	Construction On-going, Directive Approval
Read School House Road Tank CIP - 7B	Negotiations for Site Movement
Read School House Road Main CIP 7c, 7d, 8a	Final Review Completed Set Bid Date
Mishnock 4 Well Installation	On hold. RFP 4 & 5 plus control facility / T.P.

IFR FUNDED PROJECTS

PROJECT	STATUS
IFR 2003	Construction completed.
IFR 2004	Contract Split Up, Set Bid Date
Geographic Information System Base Map	Completed.
Geographic Information System Second Phase	Mapping Feature Review October Completion
Knotty Oak Road. Old CIP 5	Construction completed.
Tiogue Tank Modified Service Area	Project closed out.
Setian Lane new pumping station and Frenchtown vault rehabilitation.	Completed.
Setian Lane Tank painting	Completed.
Oaklawn Meter Replacement IFR	Completed.
PWSB 78" / Johnson Blvd. P.S. Modification	Winter 2005/2006 - Testimony PWSB Rate Case
Rehabilitation Mishnock #3	Redevelopment completed.
Revised Hydraulic Model	
Color Study Mishnock Wells	Piloting Study Approval/RFP Preparation
Cleaning & Lining Greenwich Avenue	Design Status Gas Company Conflict - Need Resolution
Spring Lake Well Redevelopment	Completed.
PROJECT	STATUS
Web site preparation	Up and running.
Strategic Plan	Under Final Development
CCR 2003	Mailed.
Colvintown Road	Completed.
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