



City Advisory Utility Board

MEMORANDUM TO: BOARD MEMBERS

The following Agenda of Business has been prepared for consideration and action at the Regular Meeting of the City Advisory Utility Board on **Tuesday, May 11, 2010, at 5:30 P.M. in the Council Chambers, 2nd Floor, 205 North Marion Avenue, Lake City, Florida.**

1. **Call to Order**
2. **Roll Call**
3. **Approval of Agenda**
4. **Public Comments**
5. **Minutes** – Board Meeting held Tuesday, April 13, 2010
6. **OLD BUSINESS**
 - A. None
7. **CONSENT AGENDA**
 - A. Tetra Tech Inc, Field Testing and Modeling of Kicklighter Rd Site – Invoice # 50337949 - \$5,495.00
 - B. Tetra Tech, Inc, 180 NE Gumswamp Rd – Invoice # 50346739 - \$1,519.28
 - C. Tetra Tech, Inc, Field Testing and Modeling of Kicklighter Rd Site – Invoice # 50346991 - \$11,842.50
 - D. Jones Edmunds, Sisters Welcome Reclaim PSDC Services – Invoice # 0308120 - \$3,065.00
 - E. Jones Edmunds, St. Margaret WWTP 2010 Permit Renewal – Invoice # 0308041 - \$5,759.00
8. **PRESENTATIONS**
 - A. None
9. **NEW BUSINESS**
 - A. SE Hillside Drive Water Main Extension – Richard Lee
10. **Adjournment**

CITY ADVISORY UTILITY BOARD MEETING MINUTES
April 13, 2010 * CITY HALL

The City Advisory Utility Board for the City of Lake City, met on April 12, 2010, at 6:00 P.M. in the Council Chambers on the second floor of City Hall located at 205 North Marion Avenue, Lake City, Florida.

MEMBERS

George Ward – City Council Member – Chairman
Eugene Jefferson – City Council Member
Jake Hill, Jr. – City Council Member
Henry Sheldon – Engineer, non-council board member
Jim Poole – Director of the Columbia County Industrial Development Authority – absent
Larry Lee – Director of Growth Management
Richard Lee – Director of Distribution, Collection and Construction of Utility System
Wendell Johnson – City Manager – absent
Dave Clanton – Executive Director of Utilities
Steve Roberts – Water Plant Director
Thomas Henry – Director of Public Works - absent
Dorothy Tyre – Finance Director
Joe Sheldon – Gas Superintendent – absent
Grayson Cason – Executive Director of Administrative Services
Walt Graham - Contractor, non-council board member
Herbert Darby – City Attorney – absent
Stephen Bailey – County Commissioner -absent
Jody Dupree – County Commissioner – absent
Dale Williams – County Manager – absent
Nick Harwell – Director of Customer Service

1. **CALL TO ORDER**
Chairman Ward called the meeting to order at 6:00 PM.

2. **ROLL CALL**
Chairman Ward asked City Clerk Audrey Sikes to call roll. Attendance is indicated above.

3. **APPROVAL OF AGENDA**
Mr. Jefferson made a motion to approve the agenda as presented. Mr. Johnson seconded the motion and the motion carried on a voice vote.

4. **PUBLIC COMMENTS**
None

5. **MINUTES-BOARD MEETING – TUESDAY, FEBRUARY 9, 2010**
Mr. Clanton made a motion to approve the February 9, 2010 minutes as presented. Mr. Jefferson seconded the motion and the motion carried on a voice vote.

6. OLD BUSINESS

None

7. CONSENT AGENDA

None

8. PRESENTATIONS

None

9. NEW BUSINESS

- A. 2010 Updated Utility Standards (e-mailed 4/5/2010 for review) – Dave Clanton
Mr. Clanton recommends adoption of these standards via resolution by the City Council. Mr. Johnson concurs and recommends adopting as a policy guide and to assign a policy number to it. **Mr. Johnson made a motion to recommend to City Council the enactment of the 2010 Utility Standards via City Council resolution as a policy guide. The motion also provides for policy number 2010-01 to be assigned for tracking purposes. Mr. Clanton seconded the motion and the motion carried on a voice vote.**
- B. Bio-Solids/Sprayfield Tractor Lease – Dave Clanton
Per the April 5, 2010 Report to Utility Advisory Board, Mr. Clanton recommends approval of lease/purchase of a 2007 model MT535 tractor for \$2,062/month for twenty four (24) months with a final pay off of \$9,282.29 (\$52,000.00 purchase price) from Ring Power. Members discussed possibly borrowing against reserves to save the interest. Mr. Johnson stated there are adequate funds in the reserve to purchase this equipment outright and will verify with Mr. Darby to ensure these funds may be used for this purchase. Mr. Bailey suggested for the City to consider looking at something different than a MT535 since KAT does not make this tractor. He recommended going with a John Deere or a Kubota since the parts are obtained easier. Mr. Henry Sheldon stated he felt this was a legitimate capital expenditure for the water/sewer fund and recommended including this purchase into the new bonding plan. Mr. Johnson will research this option further and bring back at a later date. **Members concurred by general consent to table this item to provide time for staff to research other tractor options and for Mr. Johnson to research the possible bonding option.**
- C. Bio-Solids/Sprayfield Shed Purchase – Dave Clanton
Per the April 5, 2010 Report to Utility Advisory Board, staff is recommending for approval the use of Water and Wastewater Construction Reserve Funds to build the Bio-Solids Shed. As a part of the 2006 Agricultural Use Plan (AUP) a shed was to be constructed at the Branford Road Bio-Solids storage and application site, even though the shed was budgeted in 2007 and 2008 the funding later became an issue. As of the last FEDP site inspection we have been instructed to move forward with the shed. As funds became available through the Water and Wastewater Construction Reserve Funds to complete phase two of the city's reuse water project, the contractors actual bid price was lower (\$1,050,000.00) than the budgeted prices of \$1,310,000.00, allowing the city to maintain a substantial balance in this account. Adequate funding should be available for this project. **Mr. Henry Sheldon made a motion to construct a pole barn with tarps to satisfy the 2006 Agricultural Use Plan checklist item for a Bio-Solids Shed**

utilizing Water and Wastewater Construction Reserve Funds (410.000.389.10) in the amount of \$19,500. Mr. Harwell seconded the motion and the motion carried on a voice vote.

- D. Kicklighter Road Property Assessment for Monitoring Wells; Meadors Construction Change Order #4 (exhibit will be available at meeting) – Dave Clanton
Per the April 5, 2010 Report to Utility Advisory Board staff is recommending Change Order #4 with Meadors Construction for the placement of eight (8) monitoring wells on the Kicklighter Road WWTF site. Mr. Clanton reported this will be reimbursed by OTTED Grant Funds. **Mr. Johnson made a motion to recommend to City Council the approval of Change Order #4 with Meadors Construction for the placement of eight (8) monitoring wells on the Kicklighter Road WWTF site. Mr. Henry Sheldon seconded the motion and the motion carried on a voice vote.**

10. ADJOURNMENT

There being no further business the meeting adjourned on a motion duly made and seconded.

Audrey E. Sikes, City Clerk

7A



Lake City Regional Utilities

527 SW St. Margarets Street
Lake City, Florida 32025
Telephone (386) 758-5452

May 5, 2010

MEMO

Invoice no **50337949 (\$5,495.00)** from **Tetra Tech inc.** represents the work performed for field testing and modeling of Kicklighter Road Site to determine Effluent disposal capacity.

"I certify that the costs requested for payment, as represented by this invoice, are directly related to the performance under an agreement between Tetra Tech inc. and the City of Lake City, Resolution No. 2009- 108 , are allowable, allocable, properly documented, and are in accordance with the approved budget."

If you have any questions, please contact me @ (386) 758-5452.

Sincerely,

Dave Clanton, Executive Director of Utilities
Lake City Regional Utilities
clantond@lcfla.com

7A



Tetra Tech, Inc.
 201 E. Pine Street
 Suite 1000
 Orlando, FL 32801
 (407) 839-3955

BILL TO: CITY OF LAKE CITY
ATTN: DEBBIE GILLOTTI
 205 N. MARION AVENUE
 LAKE CITY, FL 32055

INVOICE NUMBER: 50337949
INVOICE DATE: 03/09/2010
SERVICES THROUGH: 02/19/2010
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

PROFESSIONAL SERVICES:
 KICKLIGHTER SPRAYFIELD MODEL

Project Number 200-08521-10001 FIELD TESTING AND MODELING OF KICKLIGHTER ROAD SITE TO DETERMINE EFFLUENT DISPOSAL CAPACITY
 Top Task 001 DATA COLLECTION & MODEL CONST.

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Lafrenz, William B	Scientst V	28.50	\$160.00	\$4,560.00
Montalvo, Alex M	GIS Analyst II	11.00	\$85.00*	\$935.00
TOTAL LABOR		39.50		\$5,495.00

SUBTOTAL **\$5,495.00**

Total Top Task# 001 **\$5,495.00**

Total Project# 200-08521-10001 **\$5,495.00**

TOTAL AMOUNT DUE THIS INVOICE: **\$5,495.00**

PREVIOUSLY INVOICED: **\$5,220.00**

BALANCE DUE **\$275.00**

*GIS ANALYST II RATE IS \$85.00 INSTEAD OF \$60.00. IT CHANGED THIS INVOICE AS FOLLOWS:

REVISED INVOICE AMOUNT **\$5,495.00**
 PREVIOUSLY INVOICED **5,220.00**
 BALANCE DUE: **\$ 275.00**

REMIT PAYMENT TO:

TETRA TECH, INC.
 DEPT 1967
 DENVER, CO 80291-1967

To ensure accurate posting, please note the invoice number on your check. Interest will be charged on all past-due amounts per contract terms and conditions.



Lake City Regional Utilities

527 SW St. Margarets Street
Lake City, Florida 32025
Telephone (386) 758-5452

May 5, 2010

MEMO

Invoice no **50346739 (\$1,519.28)** from **Tetra Tech Inc.** represents the work completed to date with the Public Works Site Assessment Report Addendum.

"I certify that the costs requested for payment, as represented by this invoice, are directly related to the performance under an agreement between Tetra Tech Inc. and the City of Lake City, Resolution No. 2009- 059 , are allowable, allocable, properly documented, and are in accordance with the approved budget."

If you have any questions, please contact me @ (386) 758-5452.

Sincerely,

Dave Clanton, Executive Director of Utilities
Lake City Regional Utilities
clantond@lcfla.com

7B



Tetra Tech, Inc.
 A Division of Tetra Tech, Inc.
 201 E. Pine Street
 Suite 1000
 Orlando, FL 32801
 (407) 839-3955

BILL TO: CITY OF LAKE CITY
ATTN: FINANCE ADMINISTRATION
 205 N. MARION AVENUE
 LAKE CITY, FL 32055

INVOICE NUMBER: 50346739
INVOICE DATE: 04/14/10
SERVICES RENDERED THROUGH: 03/26/10
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

SUPPLEMENT AGREEMENT # 3
 2009-059 SAR ADDENDUM

PROFESSIONAL SERVICES:

Project Number 200-08521-09005 180 NE GUM SWAMP ROAD
Top Task 003 NUS TASK

SUBCONTRACTOR CHARGES	TYPE	CURRENT AMOUNT
TETRA TECH NUS INC	Subcontractor-I/C Fee	\$1,519.28
TOTAL SUBCONTRACTOR CHARGES		\$1,519.28
	Subtotal Task# 003	\$1,519.28
	Total Project# 200-08521-09005	\$1,519.28

TOTAL AMOUNT DUE THIS INVOICE: \$1,519.28

Contract Summary	
Contract Amount	\$90,000.00
Previously Billed	\$65,640.81
Current Billing	\$1,519.28
Total Billed to Date	\$67,160.09
Contract Balance Remaining	\$22,839.91

REMIT PAYMENT TO:
 Tetra Tech, Inc.
 DEPT 1967
 DENVER, CO 80291-1967

To ensure accurate posting, please note the invoice number on your check.
 Interest will be charged on all past-due amounts per contract terms and conditions.

7c



Lake City Regional Utilities

527 SW St. Margarets Street
Lake City, Florida 32025
Telephone (386) 758-5452

May 5, 2010



MEMO

Invoice no **50346991 (\$11,842.50)** from **Tetra Tech Inc.** represents the work performed for field testing and modeling of Kicklighter Road Site to determine Effluent Disposal Capacity.

"I certify that the costs requested for payment, as represented by this invoice, are directly related to the performance under an agreement between Tetra Tech Inc. and the City of Lake City, Resolution No. 2009-108, are allowable, allocable, properly documented, and are in accordance with the approved budget."

If you have any questions, please contact me @ (386) 758-5452.

Sincerely,

Dave Clanton, Executive Director of Utilities
Lake City Regional Utilities
clantond@lcfla.com



Tetra Tech, Inc.
 201 E. Pine Street
 Suite 1000
 Orlando, FL 32801
 (407) 839-3955

7c

BILL TO: CITY OF LAKE CITY
ATTN: DEBBIE GILLOTTI
 205 N. MARION AVENUE
 LAKE CITY, FL 32055

INVOICE NUMBER: 50346991
INVOICE DATE: 04/15/2010
SERVICES THROUGH: 03/26/2010
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

PROFESSIONAL SERVICES:
 KICKLIGHTER SPRAYFIELD MODEL

Project Number	200-08521-10001	FIELD TESTING AND MODELING OF KICKLIGHTER ROAD SITE TO DETERMINE EFFLUENT DISPOSAL CAPACITY		
Top Task	002	CALIBRATION & SENSITIVITY TESTING		
EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Lafrenz, William B	Scientst V	60.00	\$160.00	\$9,600.00
TOTAL LABOR		60.00		\$9,600.00
		SUBTOTAL		\$9,600.00
Total Top Task# 002				\$9,600.00
Top Task	003	SIMULATIONS		
EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Alfieri, Sally M	Project Administrator	4.50	\$65.00	\$292.50
Lafrenz, William B	Scientst V	9.00	\$160.00	\$1,440.00
Morris, Betty A	GIS Analyst II	6.00	\$85.00	\$510.00
TOTAL LABOR		19.50		\$2,242.50
		SUBTOTAL		\$2,242.50
Total Top Task# 003				\$2,242.50
Total Project# 200-08521-10001				\$11,842.50

TOTAL AMOUNT DUE THIS INVOICE: \$ 11,842.50

RECEIVED

APR 19 2010

CITY OF LAKE CITY

[Handwritten signature]
 4/15/10

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REMIT PAYMENT TO:

TETRA TECH, INC.
 DEPT 1967
 DENVER, CO 80291-1967

To ensure accurate posting, please note the invoice number on your check. Interest will be charged on all past-due amounts per contract terms and conditions.



Lake City Regional Utilities

527 SW St. Margarets Street
Lake City, Florida 32025
Telephone (386) 758-5452

May 5, 2010

MEMO

Invoice no **0308120 (\$3,065.00)** from **Jones Edmunds** represents the work performed to date on Sisters Welcome Reclaim PSDC Services

"I certify that the costs requested for payment, as represented by this invoice, are directly related to the performance under an agreement between Jones Edmunds and the City of Lake City, Resolution No. 2010-014, are allowable, allocable, properly documented, and are in accordance with the approved budget."

If you have any questions, please contact me @ (386) 758-5452.

Sincerely,

Dave Clanton, Executive Director of Utilities
Lake City Regional Utilities
clantond@lcfla.com

JONES EDMUNDS

70

April 20, 2010
 Project No: 08504-015-01
 Invoice No.: 0308120
 Task Assignment No. 4

Mr. David Clanton
 City of Lake City
 527 SW Saint Margaret Street
 Lake City, FL 32025

Project 08504-015-01 Sisters Welcome Reclaim – PSDC Services

Professional Services from February 16, 2010 to April 4, 2010

Task	7000	Addtl PSDC Services	Hours	Rate	Amount
Professional Personnel					
Project Manager (Reg. PE, PG, AIA)					
Fraser, Kenneth		3/15/10	.50	155.00	77.50
coor for filter submittal questions					
Fraser, Kenneth		3/16/10	.50	155.00	77.50
coor for filter submittal					
Fraser, Kenneth		3/17/10	.50	155.00	77.50
coor for submittal on filter					
Fraser, Kenneth		3/18/10	4.00	155.00	620.00
submittal questions					
Fraser, Kenneth		3/19/10	2.00	155.00	310.00
coor for Entex questions and submittals					
Fraser, Kenneth		3/22/10	.25	155.00	38.75
coor for submittals to be returned to Meadors					
Fraser, Kenneth		3/26/10	.75	155.00	116.25
followup on Entex question 4 and 7					
Fraser, Kenneth		3/29/10	1.50	155.00	232.50
submittal review and coor					
Fraser, Kenneth		3/30/10	1.00	155.00	155.00
shop drawing submittals					
Fraser, Kenneth		3/31/10	1.75	155.00	271.25
submittal coor and review					
Fraser, Kenneth		4/1/10	.25	155.00	38.75
submittal coor and review					
Project Manager (Non-Registered)					
Hepburn, Brian		4/1/10	1.00	125.00	125.00
project management					
Hepburn, Brian		4/2/10	2.00	125.00	250.00
site visit to determine ocnstrucion progress					
Engr Intrn, Geol., HydroGeol., Intrn Archt.					
Leanhardt, Wendi		3/10/10	.50	95.00	47.50
Fielded phone call from PreCon tank -discussed request for info w/KF					
Leanhardt, Wendi		3/15/10	.25	95.00	23.75
Filter submittal review - passed to electrical, discussions w/KF					

730 NE Waldo Rd
 Gainesville, FL 32641

352.377.5821 Phone
 352.377.3166 Fax
 www.jonesedmunds.com

Invoice #12610 Done

Project 08504-015-01 Sisters Welcome Reclaim Invoice 0308120

Leanhardt, Wendi	3/29/10	3.00	95.00	285.00
SD #48 and 49 review and comments				
Sr. Administrative Assistant				
Collins, Cherri	3/22/10	.25	75.00	18.75
Coord w/PM re: fin issues				
Granieri, Donna	3/12/10	.50	75.00	37.50
finalized ltr for J.Weatherby; printed envs; printed .pdf file from T.Lowery for J.Weatherby to take to client				
Granieri, Donna	3/15/10	.25	75.00	18.75
filed in project files.				
Granieri, Donna	3/16/10	.25	75.00	18.75
filed in project files.				
Granieri, Donna	3/19/10	.25	75.00	18.75
filed in project files.				
Granieri, Donna	3/22/10	1.50	75.00	112.50
processed shop drawings, scanned docs for project files, updated project log				
Granieri, Donna	3/30/10	.50	75.00	37.50
created ltr of transmittal, updated project log.				
McGregor, Jodie	3/11/10	.50	75.00	37.50
assist TLowery with letter formatting and finalization, create PDF				
McGregor, Jodie	3/12/10	.25	75.00	18.75
call from Terri, email PDF of correspondence to Jessica; email correspondence to Clanton, mail copies				
Totals		24.00		3,065.00
Total Labor				3,065.00

Total this Task \$3,065.00

Total this Invoice \$3,065.00

Authorized Brian Hepburn Date: 4/20/10
Brian Hepburn

DC

Please return one copy of this with remittance. Thank you.

7E



Lake City Regional Utilities

527 SW St. Margarets Street
Lake City, Florida 32025
Telephone (386) 758-5452

May 5, 2010

MEMO

Invoice no **0308041 (\$5,759.00)** from **Jones Edmunds** represents the work performed on St. Margaret WWTF 2010 Permit Renewal.

"I certify that the costs requested for payment, as represented by this invoice, are directly related to the performance under an agreement between Jones Edmunds and the City of Lake City, Resolution No. 2010-010, are allowable, allocable, properly documented, and are in accordance with the approved budget."

If you have any questions, please contact me @ (386) 758-5452.

Sincerely,

Dave Clanton, Executive Director of Utilities
Lake City Regional Utilities
clantond@lcfla.com

7E

JONES EDMUNDS


April 26, 2010
Project No: 08504-016-01
Invoice No.: 0308041

City of Lake City
Dave Clanton
Executive Director of Utilities
205 North Marion Avenue
Lake City, FL 32055

Project 08504-016-01 St Margaret WWTF 2010 Permit Renewal

Professional Services from March 1, 2010 to April 4, 2010

Billing Phase	Fee	Percent Complete	Earned
Facility Permit Renewal Application	7,910.00	35.00	2,810.60
OMPR	6,552.00	45.00	2,948.40
Response to RAI	3,508.00	0.00	0.00
Total Fee	17,970.00		5,759.00
	Previous Fee Billing		0.00
	Current Fee Billing		5,759.00
	Total Fee		5,759.00
	Total this Invoice		\$5,759.00

Authorized Harold R. Bridges Date: 4/26/10 

Please return one copy of this with remittance. Thank you.

730 NE Waldo Rd
Gainesville, FL 32641
352.377.5821 Phone
352.377.3166 Fax
www.jonesedmunds.com

To Invoice 4/28/10

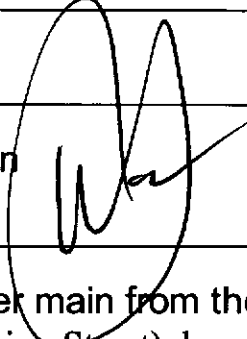

Meeting Date
5/11/2010

CITY ADVISORY UTILITY BOARD

AGENDA	
Section	9
Item No.	A

SUBJECT: SE Hillside Dr. 6" Water Main Extension

DEPT. / OFFICE: Distribution, Collection & Construction

Originator: Richard Lee		
City Manager Wendell Johnson 	Executive Utility Director Dave Clanton 	Date 4/26/2010

Recommended Action:
 Extend a 6" water main from the existing 12" water main on US441 S. (Marion Street) down SE Hillside Pkwy. 860' to Inglewood Ave. Make new water taps for all residents and install two new fire hydrants on Hillside Drive.
 Clear new line through FDEP and connect all residents to the new 6" main, and abandon the old 2" main. This way we solve Mr. Chasteen's low pressure problem (which may be internal). However, it will eliminate the issue if it is a City problem, and by extending the 6" main it will establish fire protection in that area.

Summary Explanation & Background:
 See attached memo.

Alternatives:
 None

Source of Funds:
 To be determined by staff. This is not a budgeted item.

Financial Impact:
 \$20,331.00

Exhibits Attached:
 Map, Cost Estimate Sheet & Memo

U.S. 441 (MARION ST)

SE LAKEWOOD LN

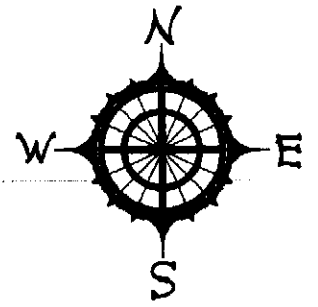
AVE

SE HILLSIDE PKWY

Connect to 12
inch Water Main

860 ft of 6 inch
PVC pipe

Fire Hydrant





City of Lake City
Distribution, Collection & Construction
205 N Marion Ave.
Lake City, FL 32055
(386) 758-5492

COST ESTIMATE SE HILLSIDE DR. 6 INCH WATER MAIN EXTENSION.

860'- 6" C-900 Water Main	\$2,666.00
1- 6" Tapping Saddle	700.00
1- 6" Tapping Valve	680.00
5- 6" Mega Lugs	200.00
10- 6" Bell Restraints	650.00
2- 6"x6" Anchoring Tee's	280.00
2- 6" Anchoring Nipples	140.00
2- 6" Gate Valves	1,600.00
2- 4' Fire Hydrants	2,600.00
3- 24" Valve Boxes	240.00
1- 6" MJ Plug	60.00
2- Rolls Trace Wire	140.00
HTH	75.00
Tap materials and accessories (tapping saddles, curb stops, tubing)	<u>2,000.00</u>
Total	\$12,031.00
Concrete	\$1,300.00
Tree removal	1,000.00
Sod	3,000.00
Asphalt	<u>30,000.00</u>
Total	\$35,300.00
GRAND TOTAL	\$47,331.00

Total cost to lay 860 feet of 6" water main with 2 fire hydrants is \$47,331.00. If we used our thumper and thumped water taps to the north side of road instead of open cutting, we could eliminate asphalt overlay reducing cost to \$20,331.00 which will leave \$3,000.00 for patching.

The thumping method will add five working days to the time line. Estimated time for actual installation is six weeks. This is due to having to clear lines and making ten individual taps and reconnect each home. NOTE: this will have to be FDEP permitted.

Richard A. Lee
Director of Distribution,
Collection, and Construction
04-23-10



City of Lake City
Distribution, Collection & Construction
205 N Marion Ave.
Lake City, FL 32055
(386) 758-5492

MEMORANDUM

TO: Wendell Johnson, City Manager

FROM: Richard A. Lee, Director of Distribution, Collection, and Construction

DATE: April 30, 2010

RE: Hillside Drive – Water Main Extension

Mr. Robert Chasteen has complained of low water pressure at his residence on SE Hillside Drive. I have investigated this complaint, and found that he does have low pressure inside his home. This only occurs when he runs water inside his home and at the same time he runs an outside hose bib.

The City has tried several different ways to increase his pressure. This is to include upgrading his meter from a ¾" to a 1". Also, we have increased the size of our line from a 1" to a 2" line to his meter.

There are twelve homes fed off a 2" water main on Hillside. The 2" is directly connected off a 12" water main on US441 (Marion Ave.). The static pressure is 82 PSI. This should provide Mr. Chasteen with all his water needs. I have talked with other residents and found that some state they experience low pressure at times and some state they have no problems.

Recommendation is: Replace the old 2" main with a 6" water main. This consists of 860' of 6" water pipe and two new fire hydrants for fire protection. Currently, the nearest fire hydrant is on US 441.

Cost to complete this is estimated to be \$20,331.00. This is for materials, permitting, restoration of landscape and driveways. Time frame is about six-weeks from start to finish. At present, we have all City crews committed to budgeted projects and maintenance. If this is approved, it will have to be scheduled in with other projects and this may cause some delays in budgeted projects.

This is not a budgeted project and funding will have to be found by staff.

There is a real low pressure and fire protection problem in this area; therefore, I recommend that we fund and complete this project.