RichMay

ATTORNEYS AND COUNSELORS AT LAW

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December 13, 2005

VIA E-FILING & HAND DELIVERY
Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

Re: D.T.E. 05-61; Milford Water Company

Dear Ms. Cottrell:

Enclosed for filing please find Milford Water Company's responses to the following First Set of Information Requests of the Department of Telecommunications and Energy Settlement Intervention Staff in the above-captioned matter: SIS1-15, SIS1-28, SIS1-30, SIS1-32 and SIS1-33.

Also enclosed, as a supplement to our response to SIS1-24 filed on December 12, 2005, is an additional letter concerning the Comprehensive Compliance Evaluation from the Department of Environmental Protection, which letter was not available for filing yesterday.

Any questions on this matter should be directed to the undersigned.

Very truly yours,

Eric J. Krathwohl

Encl.

cc: Shaela McNulty Collins, Esq., Hearing Officer –Settlement Intervention Staff
John Geary, Esq., Hearing Officer – Adjudicatory Staff
Gerald M. Moody, Esq.
Henry C. Papuga, Manager
Stephen B. Alcott

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COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF TELECOMMUNICATIONS

AND ENERGY

D.T.E. 05-61

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon all parties of record in this proceeding in accordance with the requirements of 220 CMR 1.05(1) (Department's Rules of Practice and Procedure).

Dated at Boston, Massachusetts this 13th day of December, 2005.

Eric J. Krathwohl
Counsel

Of Counsel for
Milford Water Company

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE FIRST SET OF INFORMATION REQUESTS OF THE DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY SETTLEMENT INTERVENTION STAFF
DTE 05-61

Respondent: Henry C. Papuga
Response Date: December 13, 2005

SIS 1-15 Refer to Milford's proposed M.D.T.E. No. 17, Original Sheet 8. Please define and quantify the term "significant purchase of water."

Response: **While the Company believes that the proposed Surcharge for Water Purchased will be best applied in a flexible manner, the Company would consider any purchase of water to meet emergency conditions, the cost of which exceeded $50,000 to be "significant". This amount represents about three percent of test year operations and maintenance expense**

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE FIRST SET OF INFORMATION REQUESTS OF THE DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY SETTLEMENT INTERVENTION STAFF
DTE 05-61

Respondent: Henry C. Papuga
Response Date: December 13, 2005

SIS 1-28 Refer the pages 7 and 8 of the prefiled testimony of Mr. Alcott. Please explain how Milford currently books system development charge revenues, and how such revenues will be booked in the future.

Response: Currently, the Company books system development charge (SDC) revenues as follows:

1. **When each SDC invoice is prepared, the Company credits G/L account 323-2, Customers Contributed Capital, and debits G/L account 207, Accounts Receivables;**
2. **When payment is received, the Company credits G/L account 207, Accounts Receivables, and debits G/L account 204-16, Cash;**
3. **Each month the Company performs two journal entries. The first is to reclassify Outright Contribution payments received by debiting G/L account 207, Accounts Receivables, and crediting G/L account 207-1, Other Accounts Receivables. The second journal entry is to reclassify Outright Contribution billing by debiting G/L account 207-1, Other Accounts Receivables, and crediting G/L account 207, Accounts Receivables;**
4. **Each month the Company totals the SDC invoices prepared and transfers the monies from the Company general fund bank account into the Company's SDC dedicated fund bank account.**

The Company uses the funds in the SDC dedicated account for system infrastructure improvements and capital items. The Company does not plan on changing how the SDC revenues will be booked in the future.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE
FIRST SET OF INFORMATION REQUESTS OF THE
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY
SETTLEMENT INTERVENTION STAFF
DTE 05-61

Respondent: Henry C. Papuga
Response Date: December 13, 2005

SIS 1-30 Please provide copies of all capital project work orders in excess of $25,000 along with the final costs associated with each work order for the period January 1, 1998 through December 31, 2004. As part of this response, provide any change orders associated with the work orders.

Response: **Please see the attached Excel report, copies of the work orders and copies of change orders (Attachment SIS 1-30) for the specific information as requested. Please note that the Company cannot presently locate the work order designated W.O. # 201-01-19, but will continue to search for that and submit it if and when located.**

ATTACHMENT SIS 1-30

Year	W.O. #	DESCRIPTION	TOTAL $	NOTE
1998	201-91-19	Rocky Hill Acres residential subdivision- Phase V	$ 30,047.68	CIAC
	201-92-19	MWCo Treatment System Improvements	$ 25,976.96	
1999	201-93-07	Godfrey Brook Wellfield Improvements	$ 53,597.07	
	201-97-15	Afonso Homes @ Haven Street residential subdivision	$ 34,641.51	CIAC
	201-98-06	Rate Case	$ 50,747.25	Amortized
	201-98-14	Barros Estates residential subdivision	$ 84,346.95	
	201-99-07	Water Systems Improvements	$502,866.60	
	201-99-14	Resand Slow Sand Filters #3 & #4	$ 89,135.03	Amortized
2000	201-99-12	Camp Street Extension residential subdivision	$ 32,182.82	CIAC
	201-00-07	Purchase office building - #64-66 Dilla Street	$551,546.22	
2001	201-00-11	Oakmont @ Milford residential subdivision	$ 50,083.08	CIAC
	201-01-16	Install Emergency Interconnection - Holliston	$ 62,841.53	
2002	201-01-06	Brook Hollow Estates residential subdivision	$ 43,955.06	
	201-01-13	Hayward Estates residential subdivision	$ 46,632.39	CIAC
	201-01-19	South Central Estates residential subdivision	$ 67,460.03	CIAC
	201-02-08	Fruit Street Ext - Replace main, services & hydrant	$157,244.57	
	201-02-14	Purchase Street - Replace main, services & hydrants	$197,204.80	
	201-02-14	Purchase Street - Replace main, services & hydrants	$184,058.00	CIAC
2003	201-84-20	Echo Lake land acquisition	$355,737.58	
	201-01-12	Mill Pond Heights residential subdivision	$ 37,891.69	CIAC
	201-02-04	Replace D.E. Filter feed equipment - Dilla Street	$279,172.06	
	201-02-15	Courtland Street Extension residential subdivision	$ 27,420.58	
	201-03-03	Install replacement well @ Clarks Island	$ 32,631.99	
	201-03-16	Replace water services @ North St, Ravenna St, Genoa A	$ 37,313.50	
2004	201-04-09	Purchase replacement tractor/backhoe	$ 56,075.00	
	201-04-15	Chestnut Street - Replace main, services & hydrants	$179,953.62	
	201-04-16	Replace flashboards at Echo Lake dam	$ 48,279.47	
	201-04-19	Install new roof @ Dilla Street garage	$ 33,553.54	
	201-04-26	Convert slows sand filter #2 into finished water clearwell	$101,822.79	
	201-04-28	Purchase Street water system improvements	$ 36,002.10	
	201-04-29	Replace two utility trucks	$ 54,848.70	

ATTACHMENT SIS 1-30

Year	W.O. #	DESCRIPTION	TOTAL $	NOTE
1998	201-91-19	Rocky Hill Acres residential subdivision- Phase V	$ 30,047.68	CIAC
	201-92-19	MWCo Treatment System Improvements	$ 25,976.96	
1999	201-93-07	Godfrey Brook Wellfield Improvements	$ 53,597.07	
	201-97-15	Afonso Homes @ Haven Street residential subdivision	$ 34,641.51	CIAC
	201-98-14	Barros Estates residential subdivision	$ 90,923.10	
	201-99-07	Water Systems Improvements	$502,826.60	
	201-99-14	Resand Slow Sand Filters #3 & #4	$ 89,135.03	Amortized
2000	201-99-12	Camp Street Extension residential subdivision	$ 33,081.30	CIAC
	201-00-07	Purchase office building - #64-66 Dilla Street	$539,462.22	
2001	201-00-11	Oakmont @ Milford residential subdivision	$ 50,083.08	CIAC
	201-01-16	Install Emergency Interconnection - Holliston	$ 62,841.53	
2002	201-01-06	Brook Hollow Estates residential subdivision	$ 43,955.06	
	201-01-13	Hayward Estates residential subdivision	$ 46,875.01	CIAC
	201-01-19	South Central Estates residential subdivision	$ 67,460.03	CIAC
	201-01-21	Install Emergency Interconnection - Medway	$ 32,128.11	
	201-02-08	Fruit Street Ext - Replace main, services & hydrant	$157,244.57	
	201-02-14	Purchase Street - Replace main, services & hydrants	$197,204.80	
	201-02-14	Purchase Street - Replace main, services & hydrants	$184,058.00	CIAC
2003	201-84-20	Echo Lake land acquisition	$355,737.58	
	201-01-12	Mill Pond Heights residential subdivision	$ 38,238.83	CIAC
	201-02-04	Replace D.E. Filter feed equipment - Dilla Street	$300,009.97	
	201-02-15	Courtland Street Extension residential subdivision	$ 33,664.56	
	201-03-03	Install replacement well @ Clarks Island	$ 32,631.99	
	201-03-16	Replace water services @ North St, Ravenna St, Genoa Av	$ 38,070.31	
2004	201-04-09	Purchase replacement tractor/backhoe	$ 56,075.00	
	201-04-15	Chestnut Street - Replace main, services & hydrants	$179,953.62	
	201-04-16	Replace flashboards at Echo Lake dam	$ 48,279.47	
	201-04-19	Install new roof @ Dilla Street garage	$ 33,553.54	
	201-04-26	Convert slows sand filter #2 into finished water clearwell	$101,822.79	
	201-04-28	Purchase Street water system improvements	$ 36,002.10	
	201-04-29	Replace two utility trucks	$ 54,848.70	

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Rocky Hill Acres – Phase V

Company: Milford Water Company

Work Order No. 201-91-19

Date:

Estimated Cost : $ 30,047.68

Reasons for Expenditure, Remarks.

G/L # 108B $23,678.09
G/L # 112B 2,106.71
G/L # 109B 4,262.88

OKAY - HCP 2/18/99

Installation of 8" water main and appurtenances to
Provide service to 9 residential lots on Bodio Circle.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 30,047.68

Contribution $ 30,047.68

Net Investment by Company $ 0

Prepared by HCP

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Mains:				
994	feet 8" Ductile Iron Pipe Furnish & Install	$18.67	$18,557.98		$18,557.98
3	8" M.J. Gate Valve	$462.00	$1,386.00		$1,386.00
3	Gate Boxes Complete	$33.50	$100.50		$100.50
1	8 x 8 M.J. Tee	$138.60	$138.60		$138.60
2	8" M.J. 1/32 Bend	$98.18	$196.36		$196.36
1	8" Cast Coupling	$45.00	$45.00		$45.00
1	8" Cap	$34.65	$34.65		$34.65
32 1/2	Hours Labor MWC Inspection	$32.00		$1,040.00	$1,040.00
1	Hour Labor MWC	$34.00		$34.00	$34.00
	Pressure Testing & Disinfection			$2,145.00	$2,145.00
	Hydrants:				
1	8 x 6 Hydrant Tee	$144.38	$144.38		$144.38
1	6" M.J. Gate Valve	$226.53	$226.53		$226.53
9	feet 6" Ductile Iron Pipe	$17.20	$154.80		$154.80
1	Mueller 5 1/4" x 5 1/2' Hydrant	$1,549.00	$1,549.00		$1,549.00
1	Hour Labor MWC Inspection	$32.00		$32.00	$32.00
	Services (10): Lots 30-31,34-40,4				
10	1" Corporations,CCXCOMP	$15.14	$151.40		$151.40
10	1" Curb Stop, CompxComp	$29.73	$297.30		$297.30
10	Erie Service Box w/rod	$24.47	$244.70		$244.70
249	feet of 1" Copper	$2.00	$498.00		$498.00
24	Hours Labor MWC	$32.00		$768.00	$768.00
	Excavation/Backfill by Contractor			$2,303.48	$2,303.48
	Mains:				$23,678.09
	Hydrants:				$2,106.71
	Services:				$4,262.88
	Fringes:				
	TOTAL:				$30,047.68

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Milford Water Company Treatment System Improvements

Company: Milford Water Company

Work Order No. 201-92-19

Date: October 1, 1992

Estimated Cost : $ 25,976.96

Reasons for Expenditure, Remarks.

G/L # 104B $ 2,101.83
G/L # 104C 7,106.11
G/L # 107 16,769.02

OKAY - HCP 2/18/99

D.E.P. has notified Milford Water Company that present treatment systems does not meet CT values established by surface water treatment rule. Milford Water Company must hire a consultant to analyze the problem, Report to D.E.P. and make plant improvements.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 25,976.96

Contribution $

Net Investment by Company $ 25,976.96

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Milford Water Company				
	Inventory - Sprinkler System				
1	8" Uniflange	$46.13	$46.13		$46.13
	American Fire Hose-Cabinet				
	Backflow Preventor for Pumping Station		$1,210.26		$1,210.26
	John S. Heavey, Inc.				
	Reconnect pumping station sprinkler			$550.00	$550.00
	Milford Water Company - Equipment Usage				
2	hrs Equipment	$20.00		$40.00	$40.00
	R H White - CT Tank - As-builts			$2,500.00	$2,500.00
	RH White				
	Provide and install new split rail fence			$1,269.00	$1,269.00
	Lanscaping around chlorine contact tank			$2,300.00	$2,300.00
	R H White - Provide 120v power line for PLC			$1,955.00	$1,955.00
	Add 50 Points to PLC & Add Alarms			$7,670.00	$7,670.00
	Furnish & install conduit & wires for Alarm		$925.00		$925.00
	Install residual analyzers & PH Meter			$1,800.00	$1,800.00
	LaFleur Electrical				
	Connect Clarks Island Alarm to Dialer		$120.00	$180.00	$300.00
	Milford Water Company				
	Labor Hours				
	Payroll			$1,069.39	$1,069.39
	Industrial Technical Services				
	CT Tank Project - Add Temp & Parko valves			$500.00	$500.00
	G/L # 104B				$1,806.39
	G/L # 104C				$6,109.00
	G/L # 107				$14,219.39
	Fringes:				$149.18
	Capital Interest:				$3,693.00
	TOTAL:				$25,976.96

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Godfrey Brook Wellfield Yield Improvements

Company: Milford Water Company

Work Order No. 201-9307

Date: March 1, 1993

Cost : $ 53,597.07

Reasons for Expenditure, Remarks.

G/L # 104A

Investigate and install additional wells at Godfrey Brook to supplement decreasing wellfield yields.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 53,597.07

Contribution $

Net Investment by Company $ 53,597.07

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Capitalized Interest for 1994				$1,421.00
	Milford Water Company				
	Payroll - Labor 1994			$54.10	$54.10
	Milford Water Company				
	Payroll - Labor 1999			$1,408.27	$1,408.27
	D.L. Maher Co				
	Test Well exploration, DEP				
	Submittal, Well Replacement			$42,041.75	$42,041.75
	Guerrier & Halnon, Inc.				
	Survey for Godfrey Brook Improvements			$300.15	$300.15
	Matrix Analytical, Inc.				
	Water Samples			$505.00	$505.00
	DL Maher				
	Install new pump/motor		$3,730.00		$3,730.00
	Braza & Mancini, Inc.				
	Supply & install 20' of strut for new panel				
	in concrete base				
	Supply & install 2 1/2" PVC pipe in concrete base				$329.17
	Supply & Install box, 12 circuit breaker panel		$743.82	$740.00	$1,483.82
	(3) square D heaters for controls				
	Varney Bros Sand & Gravel				
	Concrete Base for Well 1A Elec Control Cabinet		$126.00		$126.00
	Milford Water Company - Inventory				
1	6" x 4" MJ Tee	$119.00	$119.00		$119.00
1	6" MJ Gate Valve	$221.00	$221.00		$221.00
1	4" MJ Gate Valve	$210.00	$210.00		$210.00
2	Gate Box Complete - USED	Not In Inventory			
1	6" Cast Coupling	$30.00	$30.00		$30.00
22	feet 6" DI Pipe	$6.01	$132.22		$132.22
15	feet 4" DI Pipe	$5.35	$80.25		$80.25
1	4" Cast Coupling - DIPXSTEEL	$53.37	$53.37		$53.37
G/L #104A					$52,245.10
Fringes:					$239.97
1999 Capitalized Interest:					$1,112.00
	TOTAL:				$53,597.07

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Afonso Homes @ Haven Street

Company: Milford Water Company

Work Order No. 201-97-15

Date: October 1997

Cost : $ 34,641.51

Reasons for Expenditure, Remarks.

G/L #	108B	$ 29,279.46
	109B	3,530.98
	112B	1,831.07

Water system on Rupert Road and SanClemente Circle placed in service in 1999. Water system on Morey Way and utility easement connecting Rupert Road and Morey Way not in service in 1999.

Rupert Road and SanClemente Circle

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 34,641.51

Contribution $ 34,641.51

Net Investment by Company $

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Rupert Road and SanClemente Circle				
Mains:					
1	hrs Labor - Main Inspection w/e 10/24/97	$32.00		$32.00	$32.00
10	hrs Labor - Inspecting Main	$34.00		$340.00	$340.00
1762	feet of 8" D.I. Pipe	$8.69	$15,311.78		$15,311.78
6	feet of 6" D.I. Pipe	$6.34	$38.04		$38.04
1	6" x 6" MJ Tee	$63.84	$63.84		$63.84
1	6" x 12" MJ Solid Sleeve	$39.00	$39.00		$39.00
1	6" x 8" MJ Increaser	$36.08	$36.08		$36.08
2	8" x 8" MJ Tee	$62.24	$124.48		$124.48
1	8" MJ 1/8 Bend	$41.72	$41.72		$41.72
1	8" MJ 1/16 Bend	$43.67	$43.67		$43.67
2	8" MJ Cap	$25.74	$51.48		$51.48
1	6" MJ RS Valve	$220.82	$220.82		$220.82
6	8" MJ RS Valve	$351.06	$2,106.36		$2,106.36
7	Gate Box Complete	$30.63	$214.41		$214.41
1	8" Ford Cast Coupling	$43.78	$43.78		$43.78
1762	Labor and Equipment to install main by Contractor	$6.00		$10,572.00	$10,572.00
Hydrants:					
	Installed 1; Relocated 1				
1	8" x 6" MJ Anchor Tee	$80.57	$80.57		$80.57
1	6" MJ Res. Seat Gate Valve	$220.82	$220.82		$220.82
1	Gate Box Complete	$30.63	$30.63		$30.63
18	feet of 6" D.I. Pipe	$6.34	$114.12		$114.12
1	Darling Hydrant B84B	$775.00	$775.00		$775.00
1	6" MJ 1/8 Bend (relocate existing hydrant)	$46.53	$46.53		$46.53
10	feet of 6" D.I. Pipe (relocate existing hydrant)	$6.34	$63.40		$63.40
	Labor and Equipment to install hydrant by Contractor			$500.00	$500.00
Services:					
11	1" Corporations	$15.14	$166.54		$166.54
11	1" Curb Stops	$29.73	$327.03		$327.03
11	Box & Rods	$24.47	$269.17		$269.17
1	1" 3-part Coupling (Lot 10 SanClemente)	$6.24	$6.24		$6.24
423	1" Copper Tubing	$2.00	$846.00		$846.00
24	hours Labor - Installing Services	$34.00		$816.00	$816.00
11	Excavation/Backfill by Contractor	$100.00		$1,100.00	$1,100.00
	Mains:				$29,279.46
	Hydrants:				$1,831.07
	Services:				$3,530.98
	Fringes:				
	TOTAL:				$34,641.51

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Barros Estates Subdivision – Central Street

Company: Milford Water Company

Work Order No. 201-98-14

Date: October 1998

Cost : $ 99,894.94

Reasons for Expenditure, Remarks.

G/L #		
	108A	$ 75,990.57
	108B	8,971.84
	109A	8,084.47
	112A	6,848.06

Installation of water main and appurtenances on Central Street, Joes Street, and Silvia Street to provide domestic and fire service to 28 residential house lots. As per approved plan by Guerriere & Halnon, G-6253.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 99,894.94

Contribution $ 8,971.84

Net Investment by Company $ 90,923.10

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Mains:					
1	Matrix - Total Coliform	$15.00	$15.00		$15.00
	Milford Water Company - Labor-mapping valves			$71.19	$71.19
52	hours - Labor Inspect & Flush Main, Pressure Tes	$34.00		$1,768.00	$1,768.00
2	Gate Box Top Sections	$30.53	$61.06		$61.06
867	feet of 12" D.I. Pipe	$14.38		$12,467.46	$12,467.46
2510	feet of 8" D.I. Pipe	$8.69		$21,811.90	$21,811.90
4	12" M.J. R.S. Valve	$691.29	$2,765.16		$2,765.16
5	8" M.J. R.S. Valve	$351.06	$1,755.30		$1,755.30
9	Gate Box Complete	$30.63	$275.67		$275.67
8	8" M.J. 1/16 Bend	$43.67	$349.36		$349.36
1	8" M.J. 1/8 Bend	$41.72	$41.72		$41.72
1	12" M.J. 1/16 Bend	$120.00	$120.00		$120.00
2	12 x 8 MJ Tee	$128.05	$256.10		$256.10
1	8 x 8 MJ Tee	$62.24	$62.24		$62.24
1	8" MJ Cap	$25.74	$25.74		$25.74
1	12" MJ Cap	$35.57	$35.57		$35.57
1	12" Cast Coupling	$108.00	$108.00		$108.00
18	8" Mega-lug retaining gland	$49.00	$882.00		$882.00
3377	feet--Installation/Backfill of Pipe by Contractor	$6.00		$20,262.00	$20,262.00
	Ledge removal for water main installation by Contractor			$21,273.75	$21,273.75
Hydrants:					
0.5	hour - Raising Hydrants (Afonso installed Hyd Ext	$34.00		$17.00	$17.00
4	8" x 6" MJ Anchor Tee	$80.57	$322.28		$322.28
4	6" MJ RS Valve	$220.82	$883.28		$883.28
4	Hydrand 5 1/4" VO x 5 1/2'	$775.00	$3,100.00		$3,100.00
45	feet of 6" D.I. Pipe	$6.34	$285.30		$285.30
4	Gate Box Complete	$30.63	$122.52		$122.52
2	hours MWC Labor - Inspecting Hydrant	$34.00		$68.00	$68.00
4	Installation of Hydrants by Contractor	$500.00		$2,000.00	$2,000.00
Services:					
26	1" Corporations	$15.48	$402.48		$402.48
26	1" Curb Stops	$30.38	$789.88		$789.88
26	Box & Rods	$24.47	$636.22		$636.22
797	feet 1" Copper Tubing (lots 1-21 and 23-27)	$2.00	$1,594.00		$1,594.00
59	hours Labor - Tapping Services	$34.00		$2,006.00	$2,006.00
26	Excavation/Backfill of Services by Contractor	$100.00		$2,600.00	$2,600.00
	Mains:				$84,407.22
	Hydrants:				$6,798.38
	Services:				$8,028.58
	Fringes: 1998 & 1999				$39.76
	1999 Capitalized Interest:				$621.00
	TOTAL:				$99,894.94

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Water System Improvements

Company: Milford Water Company

Work Order No. 201-99-07

Date: May 1999

Estimated Cost : $502,826.60

Reasons for Expenditure, Remarks.

G/L #	112A	$ 8,818.10
	108A	$401,050.19
	109A	$ 92,958.31

Design improvements, prepare specs, for new mains and Appurtenances on:

~~Grant Street~~
~~Purchase Street~~
Whitney Street
South Main Street

Does this work replace property now in plant account (yes or no) Yes

Total Cost of Work Order $ 502,826.60

Contribution $ _____

Net Investment by Company $ 502,826.60

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Hydrants:					
2	5 1/4" x 5 1/2' Darling B84B Hydrant	$769.00	$1,538.00		$1,538.00
3	12" x 6" Anchor Tee	$179.10	$537.30		$537.30
1	5 1/4" x 5 1/2' Mueller Hydrant	$733.00	$733.00		$733.00
1	M&H 929 Hydrant	$712.24	$712.24		$712.24
1	8" x 6" Anchor Tee	$98.08	$98.08		$98.08
50	feet 6" D.I. Pipe	$6.01	$300.60		$300.60
4	Gate Box Complete	$35.80	$143.20		$143.20
4	6" MJ Gate Valves	$221.00	$884.00		$884.00
	RH White Labor:				
3	14-1 Hydrants - South Main	$400.00		$1,200.00	$1,200.00
1	14-1 Hydrants - Whitney Street	$400.00		$400.00	$400.00
469	12-1 D.I. Fittings	$1.00		$469.00	$469.00
50	10-2 6" D.I. Pipe	$20.00		$1,000.00	$1,000.00
4	13-1 6" MJ Gate Valve	$50.00		$200.00	$200.00
4	13-6 Gate Box Complete	$10.00		$40.00	$40.00
Mains:					
	Milford Police Department - Traffic Duty	$46,280.62			$46,280.62
	Milford Water Company				
	Payroll - Labor			$6,038.46	$6,038.46
	Milford Daily News	$89.50			$89.50
	Matrix - South Main St - Coliform Sample	$30.00			$30.00
1650	feet 12" D.I. Pipe	$14.02	$23,137.95		$23,137.95
1634	feet 8" D.I. Pipe	$8.94	$14,607.96		$14,607.96
13	feet 6" D.I. Pipe	$6.01	$78.13		$78.13
23	feet 4" D.I. Pipe	$6.36	$146.28		$146.28
3	12" MJ RS Valve	$673.00	$2,019.00		$2,019.00
1	8" MJ RS Valve	$348.52	$348.52		$348.52
8	8" MJ RS Valve	$341.69	$2,733.52		$2,733.52
1	6" MJ RS Valve	$221.00	$221.00		$221.00
14	Gate Box Complete	$35.80	$501.20		$501.20
1	12" Gate Box Center Extension	$15.49	$15.49		$15.49
7	4" MJ Caps	$14.83	$103.78		$103.78
1	6" MJ Cap	$23.42	$23.42		$23.42
6	8" MJ Caps	$25.73	$154.40		$154.40
1	8" MJ Cap w/ 2" tap	$34.00	$34.00		$34.00
1	8" x 6" Anchor Tee	$98.08	$98.08		$98.08
6	12" x 8" MJ Tee	$119.78	$718.68		$718.68
1	6" x 6" MJ Anchor Tee	$86.24	$86.24		$86.24
1	8" X 8" MJ Tee	$103.71	$103.71		$103.71
1	8" MJ Plug	$36.45	$36.45		$36.45
1	6" Bend 90 Degree Elbow	$42.00	$42.00		$42.00
1	8" MJ 45degree Bend	$63.31	$63.31		$63.31
2	4" MJ 45 degree Bend	$34.28	$68.56		$68.56
2	4" MJ 11 1/4 Bend	$24.00	$48.00		$48.00
1	8" MJ 22 Bend	$56.95	$56.95		$56.95
1	4" x 12 1/2" Ford Stainless Steel Repair Clamp	$45.57	$45.57		$45.57
7	4" Grip Rings	$28.27	$197.91		$197.91
6	4" Mega-Lugs	$21.60	$129.60		$129.60
5	6" Mega-Lugs	$30.88	$166.64		$166.64

17	8" Mega-Lugs	$39.23	$766.54		$766.54
1	12" X 12" Sleeve, MJ Solid	$165.98	$165.98		$165.98
1	4" MJ Solid Sleeve	$31.39	$31.39		$31.39
2	6" x 12" MJ Solid Sleeve	$86.74	$173.48		$173.48
2	8" x 4" MJ Reducers	$35.70	$71.40		$71.40
1	8" x 6" MJ Reducer	$69.72	$69.72		$69.72
1	8" Friction Clamp	Not In Inventory			
	R.H. White Labor - South Main Street				
7.7	8-1 Extra Depth Trench	$60.00		$462.00	$462.00
387.03	8-3 Rock Excavation, Mechanical	$200.00		$77,406.00	$77,406.00
776	9-1 Common Borrow	$7.95		$6,169.20	$6,169.20
730.12	9-2 Gravel Borrow	$11.35		$8,286.86	$8,286.86
5	10-1 4" CLDI Water Main	$20.00		$100.00	$100.00
5	10-2 6" CLDI Water Main	$20.00		$100.00	$100.00
146	10-3 8" CLDI Water Main	$15.50		$2,263.00	$2,263.00
1650	10-4 12" CLDI Water Main	$24.00		$39,600.00	$39,600.00
1414	12-1 D.I. Fittings	$1.00		$1,414.00	$1,414.00
3	12-2 Concrete Thrust Block	$80.00		$240.00	$240.00
6	13-2 8" MJ Gate Valve	$60.00		$360.00	$360.00
3	13-3 12" MJ Gate Valve	$75.00		$225.00	$225.00
13	13-6 Valve Boxes	$10.00		$130.00	$130.00
967	15-1 Bituminous Concrete, Temp	$25.00		$24,175.00	$24,175.00
5	18-1 Main Interconnections	$965.00		$4,825.00	$4,825.00
	R.H. White Labor - Whitney Street				
25.5	8-2 Rock Excavation	$45.00		$1,147.50	$1,147.50
189.9	8-3 Rock Excavation, Mechanical	$200.00		$37,980.00	$37,980.00
260	9-1 Common Borrow	$7.95		$2,067.00	$2,067.00
431.57	9-2 Gravel Borrow	$11.35		$4,898.32	$4,898.32
18	10-1 4" CLDI Water Main	$20.00		$360.00	$360.00
8	10-2 6" CLDI Water Main	$20.00		$160.00	$160.00
1248	10-3 8" CLDI Water Main	$15.50		$19,344.00	$19,344.00
240	10-4 12" CLDI Water Main	$24.00		$5,760.00	$5,760.00
487	12-1 D.I. Fittings	$1.00		$487.00	$487.00
1	13-1 6" MJ Gate Valve	$50.00		$50.00	$50.00
3	13-2 8" MJ Gate Valve	$60.00		$180.00	$180.00
1512.51	15-1 Bituminous Concrete, Temp	$25.00		$37,812.75	$37,812.75
2	18-1 Main Interconnections	$965.00		$1,930.00	$1,930.00
Services:					
1	4" x 1" Service Saddle	$23.44	$23.44		$23.44
33	1" Corporation	$12.41	$409.22		$409.22
9	1" 3-part Coupling	$5.09	$45.84		$45.84
7	1" x 3/4" 3-part Coupling	$5.31	$37.04		$37.04
15	1" Curb Stop CXFIP	$24.04	$360.53		$360.53
252	3/4" Copper Tubing	$1.04	$262.79		$262.79
414	1" Copper Tubing	$1.28	$529.53		$529.53
7	1" Slip Coupling	$19.10	$133.70		$133.70
1	1" Adapt CXMIP	$4.28	$4.28		$4.28
8	1" x 4" Brass Nipple	$3.93	$31.49		$31.49
1	3/4" Adapt CXFIP	$5.01	$5.01		$5.01
29	3/4" Corporations, CCXCOMP	$8.13	$225.93		$225.93
36	3/4" 3-Part Couplings, COMPXCOMP	$4.08	$146.15		$146.15
1	2" Used Plug	Not In Inventory			
1	1" Used Plug	Not In Inventory			

20	Box & Rods	$13.15	$263.00		$263.00
14	1" Stainless Steel Insert	$0.83	$11.62		$11.62
2	3/4" Slip Couplings	$16.56	$33.13		$33.13
6	3/4" x 4" Brass Nipples	$2.97	$17.85		$17.85
7	1" x 3/4" Brass Bushings	$2.15	$15.04		$15.04
1	3/4" Adapt CXMIP	$3.68	$3.68		$3.68
6	1" Curb Stop CXC	$24.32	$145.94		$145.94
1	1 1/2" S S Insert	$1.34	$1.34		$1.34
2	1/2" Slip Couplings	$9.34	$18.68		$18.68
2	1/2" x 3/4" Brass Bushings	$1.32	$2.64		$2.64
1	1" x 1 1/2" Brass Bushing	Not In Inventory			
1	1" Adapt CXFIP	$5.02	$5.02		$5.02
1	1 1/2" Adapt CXFIP	$24.48	$24.48		$24.48
96	3/4" Threaded Rod	$1.02	$97.53		$97.53
12	3/4" Rod Couplings	$1.93	$23.16		$23.16
1	12" x 2" Service Saddles	$47.50	$47.50		$47.50
1	Curb Box Heavy Base	$11.25	$11.25		$11.25
1	2" Ball Valve (locknut)	$87.11	$87.11		$87.11
2	2" Adapt CXFIP	$25.00	$50.00		$50.00
2	2" x close Brass Nipple	$7.20	$14.40		$14.40
1	2" Corporation	$64.28	$64.28		$64.28
26	2" Copper Tubing	$3.38	$87.85		$87.85
1	2" 3-part Coupling	$17.94	$17.94		$17.94
1	2" S S Insert	$1.71	$1.71		$1.71
	R.H. White Construction Labor - South Main Street				
44	11-1 Service Connections	885		$38,940.00	$38,940.00
386	11-2 Service Renewals	5.55		$2,142.30	$2,142.30
233	11-3 Flowable Fill	$55.00		$12,815.00	$12,815.00
	R.H. White Labor - Whitney Street				
33	11-1 Service Connections	$885.00		$29,205.00	$29,205.00
276	11-2 Service Renewals	$5.55		$1,531.80	$1,531.80
	Hydrants:				$8,255.42
	Mains:				$377,636.07
	Services:				$87,894.19
	Fringes:				$906.91
	Capitalized Interest 1999:				$28,134.00
	TOTAL:				$502,826.60

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Resand Filters #3 & #4

Company: Milford Water Company

Work Order No. 201-9914

Date: November 1999

Cost : $ 89,135.03

Reasons for Expenditure, Remarks.

G/L # 218G000 $89,135.03

Slow sand filters #3 and #4 have less filter sand than acceptable. New sand to be added to increase depth to 42" – 48".

Filter #3 $ 38,354.02
Filter #4 $ 50,781.01

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 89,135.03

Contribution $

Net Investment by Company $ 89,135.03

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Filter #4				
	Milford Water Company				
	Payroll - Labor Hours			$1,559.46	$1,559.46
922.46	Holliston Sand	$15.00	$13,836.90		$13,836.90
1261.98	Holliston Sand	$19.00	$23,977.62		$23,977.62
	Home Depot - Stakes		$48.30		$48.30
	Barney Coal - Oil for Tractor		$36.58		$36.58
	Southworth Milton - D3C Tractor		$560.00		$560.00
20	hours filter workers - level filter #4	$9.00		$180.00	$180.00
	Consigli Construction - Trucking Sand			$4,237.50	$4,237.50
	RH White - Filter #4 Resand			$2,665.00	$2,665.00
	RH White - Filter # 4 Test Sand			$2,643.28	$2,643.28
	Filter #3				
	Milford Water Company				
	Payroll - Labor Hours			$882.30	$882.30
299.25	Holliston Sand	$15.00	$4,488.75		$4,488.75
1205.71	Holliston Sand	$19.00	$22,908.49		$22,908.49
	Rosenfeld Company - Cat D5C Tractor		$560.00		$560.00
	Consigli Construction - Trucking Sand			$1,312.50	$1,312.50
	RH White - Filter #3 Resand			$5,655.00	$5,655.00
	RH White - Filter #3 Test Sand			$1,821.72	$1,821.72
Filter #4:					$49,744.64
Filter #3:					$37,628.76
Fringes:					$460.63
1999 Capital Interest:					$1,301.00
	TOTAL:				$89,135.03

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Camp Street Main Extension

Company: Milford Water Company

Work Order No. 201-9912

Date: October 1999

Cost : $ 33081.30

Reasons for Expenditure, Remarks.

G/L #	108B	$ 25843.62
	109B	3625.96
	112B	3611.72

D & F Afonso shall install 8" D.I. Pipe and appurtenances on Camp Street westerly of Reservoir Road for residential development.

Installation of approximately 1450 lineal feet of 8" D.I. pipe and appurtenances on Camp Street westerly from Reservoir Road to service 9 residential lots and 2 potential street extensions.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 33081.30

Contribution $ 33081.30

Net Investment by Company $ _____

Prepared by LJG

Approved by 2/8/01

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Mains:					
5	feet of 12" D.I. Pipe	$14.38	$71.90		$71.90
1448	feet of 8" D.I. Pipe	$8.69	$12,583.12		$12,583.12
1	12" x 8" MJ Reducer	$81.48	$81.48		$81.48
2	8" MJ 1/16 Bend	$43.67	$87.34		$87.34
2	8" x 8" M.J. Tee	$62.24	$124.48		$124.48
1	8" MJ Cap	$25.74	$25.74		$25.74
2	8" MJ Plug	$25.74	$51.48		$51.48
7	8" MJ Res. Seat Valve	$351.06	$2,457.42		$2,457.42
7	Gate Box Complete	$30.63	$214.41		$214.41
41 1/2	hours MWC Labor	$34.00		$1,411.00	$1,411.00
1	Bacteria Sample	$17.25	$17.25		$17.25
1453	feet Installed by Contractor	$6.00	$8,718.00		$8,718.00
Hydrants: (2)					
52	feet of 6" D.I. Pipe	$6.34	$329.68		$329.68
2	8" x 6" MJ Hydrant Tee	$80.57	$161.14		$161.14
2	6" MJ Res. Seat Valve	$220.82	$441.64		$441.64
2	Gate Box Complete	$30.63	$61.26		$61.26
2	Hydrant, Darling B84B	$775.00	$1,550.00		$1,550.00
2	hours MWC Labor	$34.00	$68.00		$68.00
2	Hydrants Installed by Contractor	$500.00	$1,000.00		$1,000.00
Services:					
12	1" Corporations, CCXCOMP	$15.48	$185.76		$185.76
12	1" Curb Stops, CompxComp	$30.38	$364.56		$364.56
12	Erie Service Box w/Rod	$24.47	$293.64		$293.64
298	feet of 1" Copper Tubing	$2.00	$596.00		$596.00
29	hours MWC Labor	$34.00	$986.00		$986.00
12	Services Excavate/Backfill by Contractor	$100.00	$1,200.00		$1,200.00
Mains:					$25,843.62
Hydrants:					$3,611.72
Services:					$3,625.96
Fringes:					
	TOTAL:				$33,081.30

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Purchase 64 – 66 Dilla Street office building

Company: Milford Water Company

Work Order No. 201-00-07

Date: April 2000

Cost : ~~$ 551,546.22~~ 539462.22

Reasons for Expenditure, Remarks.

G/L # 104-F000

The Milford Water Company exercised its option with the New England Water Works Association to purchase the office building at 64-66 Dilla Street. Presently the Company occupies space of a tenant.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ ~~551,546.22~~ 539462.22

Contribution $

Net Investment by Company $ ~~551,546.22~~ 539462.22

Prepared by LJG

Approved by 7/4/00

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Purchase Price of Building				$521,381.00
	Lane, Greene, Murtha, & Edwards - Attorneys				
	Period Ending March 31, 2000	$1,959.30			
	Period Ending April 30, 2000	$12,846.50			
	Period Ending May 31, 2000	$1,107.00			$15,912.80
	Guerriere & Halnon, Inc. - Surveying				
	Invoice Number G-0974-4/15/00	$58.00			$58.00
	Milford Water Company - Labor			$126.16	$126.16
	Milford Water Company - Petty Cash				
	Parking and Tolls	$4.40			$4.40
	Rich, May, Bilodeau & Flaherty - Attorneys				
	Period Ending May 31, 2000	$1,967.71			$1,967.71
G/L # 104-F000					$539,450.07
Fringes:					$12.15
Capitalized ~~Interest - Jan-June 2000~~ Not Allowed					~~$12,084.00~~
	TOTAL:				~~$551,546.22~~

539462.22

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Dynasty Estates – Install main & Services on Dynasty Drive

Company: Milford Water Company

Work Order No. 201-0011

Date: August 2000

Cost : $ 50,083.08

Reasons for Expenditure, Remarks.

G/L #	108B	$36,190.60
	109B	6,642.28
	112B	7,250.20

The Fafard Real Estate & Development Corporation shall install approximately 1450 feet of 8" D.I. water main and appurtenances on Dynasty Drive and Celestial Circle to service 16 residential house lots. This subdivision is connected to Purchase Street approximately 350 feet northerly of Pinewood Road.

Does this work replace property now in plant account (yes or no) ___

Total Cost of Work Order $ 50,083.08

Contribution $ 50,083.08

Net Investment by Company $ _____

Prepared by LJG

Approved by _____

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Fafard - Dynasty Estates				
Mains					
1476	8" DI Pipe	$19.00			$28,044.00
4	10" DI Pipe	$20.40			$81.60
2	10" RSV MJ	$574.00			$1,148.00
6	8" RSV MJ	$282.00			$1,692.00
1	10" x 8" Tapping Sleeve	$1,052.00			$1,052.00
1	8" RSV Valve	$450.00			$450.00
9	Gate Box Complete	$40.00			$360.00
1	10" x 8" MJ Tee	$163.00			$163.00
2	8" x 8" MJ Tee	$85.00			$170.00
2	8" MJ 1/16 Bend	$48.00			$96.00
1	8" MJ 1/32 Bend	$48.00			$48.00
2	8" MJ Cap	$22.00			$44.00
1	8" MJ Solid Sleeve	$56.00			$56.00
1	8" Cast Coupling	$34.00			$34.00
2	10" MJ Cast Coupling	$67.00			$134.00
77	hrs Inspection by MWC Labor	$34.00		$2,618.00	$2,618.00
Hydrants					
4	8" x 6" MJ Anchor Tee	$102.00			$408.00
4	6" RSV MJ	$232.00			$928.00
4	Hydrant, Darling B84B	$1,360.00	$5,440.00		$5,440.00
4	Gate Box Complete	$40.00	$160.00		$160.00
27	feet 6" DI Pipe	$6.60	$178.20		$178.20
4	hours Inspection by MWC	$34.00	$136.00	$136.00	$136.00
Services					
16	1" Corporation, ccxcomp	$15.48	$247.68		$247.68
16	1" Curb Stop, comp x comp	$30.38	$486.08		$486.08
16	Erie Service Box w/Rod	$24.47	$391.52		$391.52
453	feet 1" Copper Tubing, Type K soft	$2.00	$906.00		$906.00
41.5	hours Inspection by MWC	$34.00	$1,411.00		$1,411.00
16	Excavation/backfill by Fafard	$200.00	$3,200.00		$3,200.00
Mains:					$36,190.60
Hydrants:					$7,250.20
Services:					$6,642.28
Fringes:					
	TOTAL:				$50,083.08

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Install Permanent Interconnection with Holliston

Company: Milford Water Company

Work Order No. 201-0116

Date: October 2001

Cost : $ 62,841.53

Reasons for Expenditure, Remarks.

G/L #		
	108A	$10,271.12
	104B	41,569.90
	105	11,000.51

The Milford Water Company and Town of Holliston have agreed to install a permanent interconnection on Route 16 at the Holliston/Milford Town Line. This interconnection shall include a pit with master meter, booster pump & motor and necessary piping to allow each utility to provide water in times of need or emergency. Due to the pressure gradient differences, Milford Water Company shall pay all charges related to pump and motor and electrical. All other costs shall be divided equally.

Does this work replace property now in plant account (yes or no) No

Total Cost of Work Order $ 62,841.53

Contribution $

Net Investment by Company $ 62,841.53

Prepared by LJG

Approved by

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Mains					
	Grotton Pilot Solutions				$1,125.64
	RHW Materials				$764.06
	MWC Labor				$217.12
	MWC Equipment				$30.00
	RHW Labor/Equipment				$6,328.61
	Traffice Duty				$1,521.50
	MWC Fringes				$44.97
104B	Structure - Pumping Station				
	Grotton Pilot Solutions				$5,253.00
	Karp Associates				$1,595.00
	Karp Associates				$126.27
	Nstar				$4,396.00
	Renaud				$10,000.00
	RH White Labor/Equipment				$12,814.08
	L &L Concrete Vault				$1,760.00
	Traffic Duty				$3,774.32
	RH White Materials				$987.38
105	Pumping Plant Equipment				
	RH Invoice from Mech. Division				$3,802.79
	True Value				$12.28
	Grotton Pilot Solutions				$1,125.64
	EJ Prescott				$1,833.87
	Renaud				$4,000.00
Mains:					$10,031.90
104B					$40,706.05
105					$10,774.58
Capitalized Interest 2001					$1,329.00
	TOTAL:				$62,841.53

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Brook Hollow Estates – Residential Subdivision

Company: Milford Water Company

Work Order No. 201-0106

Date: March 2001

Cost : $ 43,955.06

Reasons for Expenditure, Remarks.

G/L #	108B	$32,562.69
	109B	9,415.27
	112B	1,977.10

Highland Ridge Corp. (Vahan Sarkisian) shall install approximately 1000 lineal feet of 8" D.I. Pipe and Appurtenances to provide water to 14 residential lots off Longview Drive. The project shall consist of two dead-end cul-de-sacs named Brook Hollow Road and Stub Toe Lane.

Does this work replace property now in plant account (yes or no) ___

Total Cost of Work Order $ 43,955.06

Contribution $ 43,955.06

Net Investment by Company $ _____

Prepared by LJG

Approved by _____

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Mains:					
912	feet 8" DI Pipe	$8.90	$8,116.80	$24.00	$30,004.80
3	8" RSV, MJ	$347.00	$1,041.00	$100.00	$1,341.00
3	Gate Box Complete	$29.80	$89.40		$89.40
1	8"x8" MJ Tee	$85.00	$85.00		$85.00
3	8" MJ 1/16 Bend	$48.71	$146.13		$146.13
8	8" Mega-Lug Retaining Gland	$28.71	$229.68		$229.68
2	8" MJ Cap	$25.74	$51.48		$51.48
1	8" Cast Coupling	$39.20	$39.20		$39.20
16	hrs Inspection by MWC Labor			$36.00	$576.00
Hydrant:					
1	8" x 6" MJ Anchor Tee	$101.26	$101.26		$101.26
1	6" RSV, MJ	$218.00	$218.00	$100.00	$318.00
1	Hydrant, Darling B84B	$769.00	$769.00	$500.00	$1,269.00
1	Gate Box Complete	$29.80	$29.80		$29.80
8	feet 6" DI Pipe	$6.13	$49.04	$24.00	$241.04
0.5	hour Inspection by MWC			$36.00	$18.00
Services:					
13	1" Corporation, ccxcomp	$16.63	$216.19		$216.19
13	1" Curb Stop, cxc	$32.69	$424.97		$424.97
13	Box w/Rod	$24.47	$318.11		$318.11
492	feet 1" Copper	$2.00	$984.00		$984.00
27	hrs Installation by MWC			$36.00	$972.00
13	Excavation/backfill by Hood			$500.00	$6,500.00
Mains:					$32,562.69
Hydrants:					$1,977.10
Services:					$9,415.27
Fringes:					
	TOTAL:				$43,955.06

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Hayward Estates – Residential Subdivision

Company: Milford Water Company

Work Order No. 201-0113

Date: August 2001

Cost : $ ~~231.27~~ 46 875.01

Reasons for Expenditure, Remarks.

G/L #	
108 A	242.62
108 B	36 402.69
109 B	8251.46
112 B	1978.24
	46 875.01

A.P.J.A. Realty Trust (Alan Nash) shall install approximately 500 lineal feet of 8" D.I. pipe and appurtenances to provide water to 10 residential duplex lots on Jen Paul Way (off Hayward Street). The proposed 8" water main shall connect to the existing 6" main on Hayward Street. The utility Contractor will be Hood Construction

Does this work replace property now in plant account (yes or no) ___

Total Cost of Work Order $ ~~231.27~~ 46,836.96

Contribution $ 46,632.39

Net Investment by Company $ ~~231.27~~ 242.62

Prepared by LJG

Approved by _____

Hayward Estates - Jen Paul Way
Work Order 2001-13

Quantity	Description	Unit cost for material	Unit cost to Install	Total unit Cost	Total Cost	
Mains:						
30 ft	6"" ductile iron pipe	$ 6.61	$ 59.00	$ 65.61	$ 1,968.30	
467 ft	8" ductile iron pipe	$ 8.89	$ 59.00	$ 67.89	$ 31,704.63	
1	6" x 6" MJ anchor tee	$ 108.98		$ 108.98	$ 108.98	
3	6" MJ Res. seat gate valve	$ 236.99	$50.00	$ 286.99	$ 860.97	
3	Gate box complete	$ 29.39		$ 29.39	$ 88.17	
2	6" cast coupling	$25.00		$ 25.00	$ 50.00	
1	6"x12" MJ solid sleeve	$64.83		$ 64.83	$ 64.83	
4	6" MJ 1/8 bend	$34.02		$ 34.02	$ 136.08	
9	6" Mega-lug retaining gland	$30.88		$ 30.88	$ 277.92	
2	8" Mega-lug retaining gland	$39.23		$ 39.23	$ 78.46	
1	6" x 8" MJ increaser	$49.98		$ 49.98	$ 49.98	
1	8" MJ cap	$25.74		$ 25.74	$ 25.74	
1	1" corporation, cc x comp	$16.63		$ 16.63	$ 16.63	
24 hrs	MWC labor to inspect		$ 36.00	$ 36.00	$ 864.00	
2 hrs	MWC labor to inspect - OT		$ 54.00	$ 54.00	$ 108.00	
9.5 hrs	MWC labor - no charge		$ 204.57		$ 204.57	$ 36,607.26
Hydrants:						
1	8" x 6" MJ hydrant tee	$101.26		$ 101.26	$ 101.26	
1	6" MJ Res. seat gate valve	$236.99	$ 50.00	$ 286.99	$ 286.99	
1	Hydrant, Darling B84B	$811.72	$ 500.00	$ 1,311.72	$ 1,311.72	
8 ft	6" ductile iron pipe	$6.61	$ 20.00	$ 26.61	$ 212.88	
1	Gate box complete	$29.39		$ 29.39	$ 29.39	
1 hr	MWC labor to inspect		$ 36.00	$ 36.00	$ 36.00	$ 1,978.24
Services						
18	1" corporation, cc x comp	$ 16.63		$ 16.63	$ 299.34	
18	1" curb stop, comp x comp	$ 32.69		$ 32.69	$ 588.42	
18	Erie service box w/rod	$ 24.47		$ 24.47	$ 440.46	
622	1" copper	$ 2.00		$ 2.00	$ 1,244.00	
4	1" 3-part coupling, comp x comp	$ 6.81		$ 6.81	$ 27.24	
32 hrs	MWC labor-connect & inspect		$ 36.00	$ 36.00	$ 1,152.00	
9	Excavate/backfill service		$ 500.00	$ 500.00	$ 4,500.00	$ 8,251.46
						$ 46,836.96

Notes: Hood Construction informed MWC that total cost to relocate water main on Hayward Street and install new main on Jen Paul Way was approximately $42,000, excluding cost of service work provided by MWC. The unit costs to install the water main appear to be 'unbalanced' (high) but it is due to the estimated cost of ledge removal required to install the new water main.

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Install Emergency Interconnection with Medway

Company: Milford Water Company

Work Order No. 201-0121

Date: December 2001

Cost : $ ~~31682.11~~ 32128.11

Reasons for Expenditure, Remarks.

G/L # 1046

Due to a declared emergency (by the Milford Water Company), the Milford Water Company and the Town of Medway have agreed to use the existing emergency interconnection on Route 109 to provide water to the Milford Water Company. A temporary building shall be installed with pump, motor and appurtenant equipment.

Does this work replace property now in plant account (yes or no) ___

Total Cost of Work Order $ ~~31,682.11~~ 32128.11

Contribution $ _____

Net Investment by Company $ ~~31,682.11~~ 32128.11

Prepared by LJG

Approved by _____

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Milford Water Company - Payroll Labor			$36.53	$36.53
	Grotton Pilot Solutions Inv #60			$7,676.50	$7,676.50
	Grotton Pilot Solutions Inv #63			$1,776.12	$1,776.12
	Renaud Electric - Invoice #11775			$9,061.30	$9,061.30
	Renaud Electric - Invoice #11892			$633.00	$633.00
	Town of Medway - Traffic Duty			$232.00	$232.00
	Town of Medway - Building Permit			$100.00	$100.00
	RH White Labor - Invoice #104730			$4,739.79	$4,739.79
	RH White Labor - Invoice #104947			$515.30	$515.30
1	Berkely Centrifugal Pump	$2,509.65	$2,509.65		$2,509.65
72	feet 6" CL 52 DI Pipe	$7.34	$528.26		$528.26
4	6" Tyton Gasket	included			
4	6 MJ DI 1/4 Bend	$51.70	$206.80		$206.80
4	6 MJ DI 1/8 Bend	$50.60	$202.40		$202.40
16	6 Megalug Retainer Gland	$19.25	$308.00		$308.00
16	6 MJ Bolt Pack	included			
2	6x6 SS Tap Sleeve	$479.28	$958.56		$958.56
2	6 MJ DI RS Tap Valve	$455.44	$910.88		$910.88
1	Misc from Home Depot	$142.04	$142.04		$142.04
1	Advantage Valve & Automation - misc parts	$643.96	$643.96		$643.96
2	6" Adapter Flange for DI	$56.76	$113.52		$113.52
	Milford Water Company - Inventory				
3	1" Corporation	$13.23	$39.69		$39.69
3	1" Curb Stops	$26.00	$77.99		$77.99
2	Box & Rods	$13.35	$26.70		$26.70
2	Gate Box Bottoms	$12.50	$25.00		$25.00
2	Gate Box Covers	$4.06	$8.12		$8.12
3	Gate Box Tops	$17.00	$51.00		$51.00
8	feet 1" Copper Tubing	$1.30	$10.43		$10.43
Mains:					$31,533.54
Hydrants:					
Services:					
Fringes:					$7.57
Capitalized Interest 2001:					$141.00
	TOTAL:				$31,682.11

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: REPLACE MAIN & SERVICES – FRUIT STREET EXTENSION

Company: Milford Water Company

Work Order No. 201-0208

Date: May 2002

Cost : ~~$ 151,316.10~~ 157244.57

Reasons for Expenditure, Remarks.

G/L # 108A $ ~~113,043.16~~ 117428.41
109A 2,226.49 2284.96
112A ~~36,046.45~~
~~36314.85~~ 37531.20

The Town of Milford has scheduled reconstruction of Fruit Street Extension from South Main Street to Depot Street. The existing 6" cast iron main was installed in 1985 and 1908. To improve fire and domestic service to customers within the immediate area, the existing 6" cast iron main shall be replaced with an 8" ductile Iron main. All services between the main and customer property line shall be inspected and replaced as needed.

Dig Safe # 2002-1908667
Work can begin on May 14th

Does this work replace property now in plant account (yes or no) ___

Total Cost of Work Order $ 151,316.10

Contribution $ ___

Net Investment by Company $ 151,316.10

Prepared by LJG

Approved by ___

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
Mains					
1249	feet 8" DI Pipe	8.49	$10,604.01	$22.70	$38,956.31
3	feet 12" Blue Brute PVC Pipe	$10.30	$30.89		$30.89
1	12" x 8" Tapping Sleeve	$879.00	$879.00	$5,600.00	$6,479.00
1	8" Tapping Valve	$469.00	$469.00		$469.00
1	8" RS Valve	$339.00	$339.00	$50.00	$389.00
2	Gate Box Complete	$33.56	$67.12	$30.00	$127.12
2	8" 45 degree Bends	$47.81	$95.62		$95.62
2	8" MJ Solid Sleeve	$56.24	$112.48		$112.48
7	8" Megalugs	$28.71	$200.97		$200.97
2	8" Friction Clamp	$26.00	$52.00		$52.00
2	6" MJ Caps	$23.43	$46.86		$46.86
2	6" x 2" MJ Caps w/2" Taps	$27.14	$54.28		$54.28
4	6" Megalugs	$20.36	$81.44		$81.44
1	6" x 12" SS Repair Clamp	$46.62	$46.62		$46.62
10	3/4" x 10" Threaded Rod	$1.00	$10.00		$10.00
4	3/4" x 4" Star Tie Bolt	$3.20	$12.80		$12.80
4	3/4" Heavy Flat Washer	$0.25	$1.00		$1.00
4	3/4" Heavy Hex Nut	$0.40	$1.60		$1.60
4	3/4 Rod Clamp Dog washer	$2.50	$10.00		$10.00
	8-1 Extra Depth	$285.00			$285.00
	8-3 Rock Excav	$22,300.00			$22,300.00
	15-1A Bit Perm	$1,678.00			$1,678.00
	Alt 2 Flowable Fill	$286.00			$286.00
1	Varney Bros - Flowable Fill	$1,034.00	$1,034.00		$1,034.00
	15-1 Bit. Temp	$21,400.00			$21,400.00
	18-1 Interconnect	$1,300.00			$1,300.00
1	Town of Milford Street Opening Permit	$200.00	$200.00		$200.00
1	Premier Laboratory - Water Sample	$10.00	$10.00		$10.00
1	Premier Laboratory - Water Sample	$10.00	$10.00		$10.00
	Extra - Cut & Cap 6"	$1,680.00			$1,680.00
1	Town of Milford Police Depart - Traffic Duty	$13,608.31		$13,608.31	$13,608.31
	Milford Water Company Labor			$1,663.48	$1,663.48
1	Hood Construction - Stone	$170.10	$170.11		$170.11
1	Hood Construction - Stone	$54.00	$54.00		$54.00
Hydrant					
1	8" x 6" Anchor Tee	$101.26	$101.26		$101.26
1	6" RS Valve	$236.99	$236.99	$50.00	$286.99
1	5 1/2 x 6' Dresser M&H 929 Hydrant	$811.72	$811.72	$650.00	$1,461.72
1	Gate Box Complete	$33.56	$33.56	$30.00	$63.56
10	feet 6" DI Pipe	6.61	$66.10	22.4	$290.10
1	6" Megalugs	$20.36	$20.36		$20.36
Services					
14	3/4 Corporation, ccxcomp	$11.91	$166.74		$166.74
13	1" Corporation, ccxcomp	13.28	$172.64		$172.64
3	3/4" Curb Stop	16.2	$48.60		$48.60
7	1" Curb Stops, Comp x comp	$26.06	$182.42		$182.42
2	1" Curb Stop, Compx Fip	22.64	$45.28		$45.28
13	Box & Rod	13.65	$177.45		$177.45
135	3/4" Copper	1.41	$190.35		$190.35
156	1" Copper	1.29	$201.24		$201.24
11	3/4" 3-part Coupling	$4.36	$47.96		$47.96
3	1" 3-part Coupling	$5.32	$15.96		$15.96
1	1" x 3/4" 3-part Coupling	$5.28	$5.28		$5.28
1	1" 2-bolt slip couping	19.1	$19.10		$19.10
19	service connection			800	$15,200.00
358	ft Service Connection, replace			25	$8,963.50
422	sy Temp. Bit Pavement			25	$10,550.00
Mains:					$112,855.88
Hydrants:					$2,223.99
Services:					$35,986.52
Fringes:					$249.71
	TOTAL:				$151,316.10

OKAY

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: PURCHASE STREET – INSTALL REPLACEMENT MAIN & SERVICES

Company: Milford Water Company

Work Order No. 201-0214

Date: August 2002

Cost : $ 381,262.80

Reasons for Expenditure, Remarks.

G/L #		
	108A	$159,284.70
	108B	$151,108.00
	109A	$29,521.53
	109B	$24,480.00
	112A	$8,398.57
	112B	$8,470.00

A new 8" D.I. water main and services shall be installed by Baltazar Contractors (Milford Sewer Dept. Contractor) on Purchase Street. The locations are: Haven Street southerly approximately 775 feet; Huckleberry Circle approximately 500 feet to Camp Street. Due to the conflict in location and elevation between the existing 8" cast iron main and the proposed location of the new sewer, extensive blasting broke the existing main in a number of locations. It was decided to replace more of the water main than the Sewer Dept. contract required vs. maintaining a repaired main

Does this work replace property now in plant account (yes or no) Yes

Total Cost of Work Order $ 381,262.80

Contribution $ 184,058.00

Net Investment by Company $ 197,204.80

Prepared by LJG

Approved by

Milford, MA - Milford Water Company

Billing Summary

Item	*Quantity*	*Unit*	*Cost*	*Extended*
Rock Removal	629.6	CY	$50.00	$31,481.50
6" Ductile Iron Water Main	26.0	LF	$28.00	$728.00
8" Ductile Iron Water Main	2132.5	LF	$30.00	$63,975.00
6" Gate Valves and Box	3.0	EA	$450.00	$1,350.00
8" Gate Valves and Box	4.0	EA	$650.00	$2,600.00
Hydrants	3.0	EA	$2,000.00	$6,000.00
Fittings and Appurtenances	312.0	LBS	$2.00	$624.00
1" Copper Service	613.0	LF	$45.00	$27,585.00
Temporary Water	3712.0	LF	$10.00	$37,120.00
Additonal Temp House Services	10.0	EA	$100.00	$1,000.00
Trench Paving 2.5"	151.9	TON	$85.00	$12,909.35
Cut-In 8" Gate Valve	2.0	EA	$2,200.00	$4,400.00
			Sub Total	$189,772.85

Materials Supplied by Milford Water Department

8" Ductile Iron Pipe	1196.0	LF	$8.82	$10,548.72
6" Ductile Iron Pipe	73.0	LF		
8" Gate Valve	1.0	EA	$354.34	$354.34
Curb Stop	8.0	EA	$44.57	$356.56
Curp Stop Boxes	8.0	EA	$21.18	$169.44
Corporations	8.0	EA	$25.43	$203.44
1" Copper	200.0	LF	$1.51	$302.00
3/4" x 1" Adapter	2.0	EA	$11.04	$22.08
1" IP x CU Adapter	1.0	EA	$11.14	$11.14
			Less	$11,967.72
			Grand Total	$177,805.12
			PAID	$150,000.00
			Outstanding Balance with Milford Water Company	$4,479.80
			Remaining Balance Owed	$23,325.32

Purchase Street water main replacement - Milford Sewer/Milford Water
Work Order 2002-14

Quantity	Description	Unit cost material	Unit cost to Install	Total unit Cost	Total Cost	
Mains:						
1196 ft	8" ductile iron pipe,MWC furnish	$ 8.49		$ 8.49	$ 10,154.04	
1196 ft	8" ductile iron pipe, cont install		$ 21.18	$ 21.18	$ 25,331.28	
936.5 ft	8" ductile iron pipe, cont F&I	$ 8.82	$ 21.18	$ 30.00	$ 28,095.00	
629.6 c.y	ledge removal			$ 50.00	$ 31,481.50	
3	8" Res. seat gate valve, F&I			$ 620.00	$ 1,860.00	
1	8" Res.seat gate valve, install			$ 281.00	$ 281.00	
4	gate box complete			$ 30.00	$ 120.00	
2	8" res. seat gate valve, F&I			$ 2,200.00	$ 4,400.00	
312 lbs	Misc. fittings			$ 2.00	$ 624.00	
1	8" x 12" MJ solid sleeve	$56.24		$ 56.24	$ 56.24	
1	8" Res. seat gate valve	$339.00		$ 339.00	$ 339.00	
3712 ft	Temporary water main by-pass			$ 10.00	$ 37,120.00	
151.9 ton	Temporary bituminous pavement			$ 85.00	$ 12,909.35	
	MWC labor - no charge				$ 1,384.21	
	Milford Sewer Contribution:					
2223 ft	8" D.I.pipe, F&I, Milford Sewer			$ 30.00	$ 66,690.00	
13	8" gate valve, F&I, Milford Sew			$ 650.00	$ 8,450.00	
4	8" gate valve, F&I, Milford Sew			$ 2,500.00	$ 10,000.00	
6408 ft	Temporary water main by-pass			$ 10.00	$ 64,080.00	
944 lbs	Misc. fittings			$ 2.00	$ 1,888.00	
					$ 151,108.00	$ 305,263.62
Hydrants						
3	8" x 6" MJ hydrant tee	$101.26		inc in fittings		
3	6" MJ Res. seat gate valve	$220.00	$ 200.00	$ 420.00	$ 1,260.00	
3	Hydrant, F&I	$850.00	$ 1,150.00	$ 2,000.00	$ 6,000.00	
26 ft	6" ductile iron pipe	$6.19	$ 21.81	$ 28.00	$ 728.00	
3	Gate box complete	$30.00		$ 30.00	$ 90.00	
	Milford Sewer Contribution:					
3	Hydrant, M&H 929			$ 2,000.00	$ 6,000.00	
40 ft	6" ductile iron pipe			$ 28.00	$ 1,120.00	
3	6" res. seat gate valve w/box			$ 450.00	$ 1,350.00	
					$ 8,470.00	$ 16,548.00

Services						
8	1" corporation, cc x comp	$ 13.48		$ 13.48	$ 107.82	
8	1" curb stop, comp x comp	$ 26.13		$ 26.13	$ 209.08	
6	1" curb stop, comp x FIP	$ 22.64		$ 22.64	$ 135.82	
8	Erie service box w/rod	$ 13.65		$ 13.65	$ 109.22	
500 ft	1" copper	$ 1.29		$ 1.29	$ 643.21	
6	1" 2-bolt slip coupling	$ 19.10		$ 19.10	$ 114.60	
6	1" x 4" brass nipple	$ 4.42		$ 4.42	$ 26.53	
2	1" x 3/4" 3-part coupling	$ 5.46		$ 5.46	$ 10.91	
1	1 1/2" x 1" brass bushing	$ 5.97		$ 5.97	$ 5.97	
613 ft	1" copper, Install by contractor				$ 25,799.92	
10	Temporary house service			$ 100.00	$ 1,000.00	
	MWC labor - no charge				$ 396.75	
	Milford Sewer Contribution:					
544 ft	1" copper service, furnish & inst			$ 45.00	$ 24,480.00	
					$ 24,480.00	$ 53,039.83
						$ 374,851.45

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title: Echo Lake Acquisition

Company: Milford Water Company

Work Order No. 201-8420

Date: 1984

Cost : $ 355,737.47

Reasons for Expenditure, Remarks.

G/L # 103A

Hopkinton Land

Does this work replace property now in plant account (yes or no) NO

Total Cost of Work Order $355,737.47

Contribution $

Net Investment by Company $ 355,737.47

Prepared by LJG

Approved by

Final

Milford Water Company

Work Order #201-8420

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Account Balance 12/31/02:				$103,853.40
	2003				
	MWC Payroll			$374.80	$374.80
	Nixon Peabody Invoices:				
	Invoice Number 8433582			$1,589.36	$1,589.36
	Invoice Number 8440618			$403.70	$403.70
	Invoice Number 8440598			$9,362.98	$9,362.98
	Invoice Number 8453457			$12,343.88	$12,343.88
	Invoice Number 8460722			$3,959.38	$3,959.38
	Invoice Number 8469291			$4,490.57	$4,490.57
	Invoice Number 8481679			$4,613.19	$4,613.19
	Invoice Number 8501464			$7,137.39	$7,137.39
	Invoice Number 8505067			$1,274.30	$1,274.30
	Invoice Number 8471467			$990.93	$990.93
	Invoice Number 8429575			$1,422.27	$1,422.27
	Invoice Number 8490822			$8,341.93	$8,341.93
	Insignia/ESG			$1,050.00	$1,050.00
	Insignia/ESG			$2,525.00	$2,525.00
	Commonwealth of MA c/o DEP-Transfer Title			$745.00	$745.00
	Barrett Financial Corp.			$150,000.00	$150,000.00
	Patriots Environmental			$17,010.00	$17,010.00
	Premier Invoice E3E245			$40.00	$40.00
	Premier Invoice E3F170			$40.00	$40.00
	Tax Adjustment - MWC Received Check			($124.00)	($124.00)
1	Capitol Interst - 2003				$24,239.00
Mains:					
Hydrants:					
Services:					
Fringes:					$54.39
	TOTAL:				$355,737.47

For Property Additions

108 A	$	347.14
108 B	$	32,403.16
109 B	$	3,697.91
112 B	$	1,790.62
	$	38,238.83

Title **MILL POND HEIGHTS – Residential subdivision**

Company **MILFORD WATER CO.** Work Order No. **2001- 12**

Date **JULY 2001** Estimated Cost $ **$ unknown** $38,238.83

Reasons for Expenditure, Remarks.

D. & F. AFONSO SHALL INSTALL APPROXIMATELY 1800 LINEAL FEET OF 8" D.I. PIPE AND APPURTENANCES TO PROVIDE WATER TO 13 RESIDENTIAL LOTS OFF MILL POND CIRCLE. THE PROJECT SHALL CONSIST OF THREE DEAD-END CUL-DE-SACS NAMED KAREN WAY, REBECCA WAY AND ISAIAH CIRCLE. THE PROPOSED 8" WATER MAIN SHALL INTERCONNECT THE EXISTING 8" MAIN ON MILL POND CIRCLE TO CAMP STREET(THROUGH AN UTILITY EASEMENT).

Does this work replace property now in plant account (yes or no) NO

Estimated Cost	$ 38,238.83
Contribution	$ 37,891.69
Net Investment by Company	$ 347.14
Gross Revenue (All Possible Houses and Hydrants Served)	$ 13 X
Net Revenue After Applying Operating Ratio of ____%	$
Percentage of Gross Revenue to Net Investment	____%
Percentage of Net Revenue to Net Investment	____%

Prepared by _____ Approved _____ 3/2/2004

MILL POND HEIGHTS wo 2001-12

Quantity	Description	Unit cost for material	Unit cost to Install	Total unit Cost	Total Cost	
Mains:						
1846 ft	8" ductile iron pipe	$8.69	$ 6.00	$14.69	$27,117.74	
1	8"x8" tapping sl & valve	$847.38			$847.38	
6	8" Resilient seat valve, M.J.	$351.06			$2,106.36	
1	8" Resilient seat valve, M.J.	$347.14			$347.14	
8	Gate box complete	$30.63			$245.04	
2	8"x8" tee, M.J.	$62.24			$124.48	
2	8" M.J. 1/16 bend	$43.67			$87.34	
2	8" M.J. 1/8 bend	$43.67			$87.34	
2	8" cap, M.J.	$25.74			$51.48	
10	8" Mega-lug retaining gland	$22.40			$224.00	
42 hrs	Inspection by MWC labor		$ 36.00		$1,512.00	$ 32,750.30
Hydrant						
1	8"x6" MJ anchor tee	$80.57		$80.57	$80.57	
1	6" Res seat valve, MJ	$220.82		$220.82	$220.82	
1	hydrant, Darling B84B	$849.00	$ 500.00	$1,349.00	$ 1,349.00	
1	Gate box complete	$30.63		$30.63	$30.63	
10 ft	6" Ductile iron pipe	$7.36		$73.60	$73.60	
1 hr	Inspection by MWCo		$ 36.00	$36.00	$36.00	
						$ 1,790.62
Services:						
13	1" corporation, cc x comp	$ 15.48		$ 15.48	$ 201.24	
13	1" curb stop, comp x comp	$ 30.38		$ 30.38	$ 394.94	
13	Erie service box w/rod	$ 24.47		$ 24.47	$ 318.11	
479 ft	1" copper, type K soft	$ 2.00		$ 2.00	$ 958.00	
2	1" 3-part coupling	$ 6.81		$ 6.81	$ 13.62	
32 hrs	Installation by MWCo labor		$ 36.00	$ 36.00	$ 512.00	
13	Excavate/backfill byAfonso		$ 100.00	$ 100.00	$ 1,300.00	$ 3,697.91
					$38,238.83	**$ 38,238.83**

D&F Afonso provided the unit costs for this residentail subdivision.

For Property Additions

Title **REPLACE FEED EQUIPMENT - DE FILTERS #1 & #2**

Company **MILFORD WATER CO.** Work Order No. **2002- 04**

Date **JANUARY 2002** Estimated Cost $ **$75,000.**

Reasons for Expenditure, Remarks.

THE EXISTING D.E. FEEDERS AND MAGOX FEEDER IN D.E. FILTER PLANT #1 & #2 CONTINUE TO REQUIRE MAINTENANCE WORK REQUIRING FILTER PLANT SHUTDOWN. A DESIGN SHALL BE PREPARED TO REPLACE THIS EQUIPMENT WITH EQUIPMENT SIMILAR TO THAT USED IN D.E. FILTER PLANT #3 & #4.

104 C - DE FILTER BLDG - $139,737.48 ~~141782.48~~

107 - DE FILTER EQUIP - $139,434.58 ~~141478.19~~

$ 279,172.06 ~~283,260.97~~

Does this work replace property now in plant account (yes or no) _____

Estimated Cost $ _____

Contribution 107- 149852.99 $ _____

104C 150,156.98

Net Investment by Company $ _____

300009.97

Gross Revenue (All Possible Houses and Hydrants Served) $ _____

Net Revenue After Applying Operating Ratio of ____% $ _____

Percentage of Gross Revenue to Net Investment _____%

Percentage of Net Revenue to Net Investment _____%

Prepared by _____ Approved _____

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Beginning Balance - $54,146.26 - 12/31/02				$54,146.26
	MWC Payroll			$3,936.55	$3,936.55
1	Consigli Invoice - Requisition 1	$68,750.00	$68,750.00		$68,750.00
1	Grotton Pilot Solutions - Misc. Consulting	$2,247.50	$2,247.50		$2,247.50
1	Consigli Invoice - Requisition 2	$83,711.94	$83,711.94		$83,711.94
1	Geo W. Ruby Electric - 2 New Baldor Motors	$1,600.00	$1,600.00		$1,600.00
1	Consigli Invoice - Requisition 3	$50,971.81	$50,971.81		$50,971.81
1	Milford Ace Hardware - Epoxy, Glue, Clamps	$33.18	$33.18		$33.18
1	J.D. Daddario Co. - 2" Adaptor,Coupling,Elbow,Union	$265.22	$265.22		$265.22
1	J.D. Daddario Co. - 82 Gal. Electric Hot Water Heater	$413.65	$413.65		$413.65
1	J.D. Daddario Co. - Tubing	$156.56	$156.56		$156.56
1	Pinto's Plumbing - Install Hot Water Heater	$812.24	$812.24		$812.24
1	LaFleur Electric- Install Lighting System	$1,630.00	$1,630.00		$1,630.00
1	Consigli Invoice - Requisition 4	$6,072.25	$6,072.25		$6,072.25
1	Metalfab, Inc. - Leg Extensions	$104.98	$104.98		$104.98
1	Paintland - Paint, Primer,Pail, Roller	$269.67	$269.67		$269.67
1	LaFleur Electric- Move 7 Lights, Install Motor for air Handle	$1,038.20	$1,038.20		$1,038.20
1	LaFleur Electric - Relocate Lights - Better Visibilty	$737.37	$737.37		$737.37
1	Milford Ace Hardware - Roller Tray, Paint Brush, etc.	$25.45	$25.45		$25.45
1	Paintland - Paint, Primer	$127.15	$127.15		$127.15
1	Milford Ace Hardware - Pail, Paint Brush	$16.13	$16.13		$16.13
1	Paintland - Primer, Roller Cover	$108.44	$108.44		$108.44
1	Paintland - Primer , Brushes	$246.68	$246.68		$246.68
1	Pinto's Plumbing - 2 1/2" 90 Elbow	$35.00	$35.00		$35.00
1	Pinto's Plumbing - Parts for DE Hoppers	$194.80	$194.80		$194.80
1	Pinto's Plumbing - 2 1/2" 90 Elbow,2 1/2" x close nipple	$18.73	$18.73		$18.73
1	Pinto's Plumbing - 2 1/2 x 5 Black nipple	$14.70	$14.70		$14.70
1	F.W. Webb - Transfer Hose	$273.00	$273.00		$273.00
1	F.W. Webb - Credit for Freight	($110.00)	($110.00)		($110.00)
1	Paintland - Primer , Brushes, Paint,	$457.61	$457.61		$457.61
1	Paintland - Paint, Brushes, Sanding Pads	$74.44	$74.44		$74.44
1	Paintland - Paint, Roller pan, tray liner,brush	$220.15	$220.15		$220.15
	Capital Interest - 2003				$20,839.00
Mains:					
Hydrants:					
Services:					
Fringes:					$571.31
	TOTAL:				$300,009.97

For Property Additions

108 A	$ 4,908.62	+ cap. int.
108 B	$ 26,031.00	
109 B	$ 769.58	21.00
112 A	$ 1,293.36	+ cap. int.
112 B	$ 620.00	
	$ 33,622.56	+ cap. int.

Ti COURTLAND ST - extend 8" water main

Compan MILFORD WATER CO. Work Order No. 2002-15

Date OCTOBER 2002 Estimated Cost $ $8,000.

Reasons for Expenditure, Remarks.

108A - 4929.6
112A - 1314.36
33,664.56

A NEW 8" D.I. WATER MAIN SHALL BE INSTALLED BY D. & F. AFONSO ON COURTLAND STREET APPROXIMATELY 400 LINEAL FEET FROM HOUSE #47 TO THOMAS STREET. THIS MAIN IS BEING INSTALLED TO SERVICE 2 RESIDENTIAL BUILDING LOTS.

UPON THE REQUEST OF THE FIRE DEPT. A NEW HYDRANT SHALL BE INSTALLED AT THE INTERSECTION OF COURTLAND STREET AND THOMAS STREET.

THE MILFORD WATER COMPANY SHALL PARTICIPATE IN THE COST OF THE MAIN EXTENSION AND PROVIDE ALL MATERIALS FOR THE HYDRANT.

Does this work replace property now in plant account (yes or no) _____

Estimated Cost $ _____

Contribution $ _____

Net Investment by Company $ _____

Gross Revenue (All Possible Houses and Hydrants Served) $ _____

Net Revenue After Applying Operating Ratio of ____% $ _____

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by _____ Approved _____ 3/2/2004

COURTLAND ST, extend main - wo 2002-15

Quantity	Description	Unit cost for material	Unit cost to Install	Total unit Cost	Total Cost	
Mains:						
442 ft	8" ductile iron pipe	$8.54	$ 5.00	$13.54	$5,984.68	
1	8" Resilient seat valve, M.J.	$347.50	$ 50.00	$397.50	$397.50	
1	Gate box complete	$27.50			$27.50	
1	8" cap, M.J.	$26.00			$26.00	
1	8" M.J. 1/16 bend	$42.00			$42.00	
1	8" M.J. 1/32 bend	$42.00			$42.00	
5	8" Mega-lug retaining gland	$30.25			$151.25	
	ledge removal				$15,815.00	
	street resurfacing				$7,956.00	
	Inspection by MWCo labor				$424.04	
	MWC fringe				$63.65	
	bacteria sample	$10.00			$10.00	$ 30,939.62
Hydrant						
1	8"x6" M.J. hydrant tee	$79.00		$79.00	$79.00	
1	6" resilent seat valve, MJ	$218.00	$ 50.00	$268.00	$ 268.00	
14 ft	6" ductile iron pipe	$6.24	$ 5.00	$11.24	$157.36	
1	hydrant, Mueller Cent.	$867.00	$ 500.00	$1,367.00	$1,367.00	
2	6" Mega-lug retaining gland	$ 21.00		$21.00	$42.00	
						$ 1,913.36
Services:						
2	1" corporation, cc x comp	$ 16.63		$ 16.63	$ 33.26	
2	1" curb stop, comp x comp	$ 32.69		$ 32.69	$ 65.38	
2	Erie service box w/rod	$ 24.47		$ 24.47	$ 48.94	
39	1" copper, type K soft	$ 2.00		$ 2.00	$ 78.00	
4 hr	Installation by MWCo labor		$ 36.00	$ 36.00	$ 144.00	
2	Excavate/backfill by Afonso		$ 200.00	$ 200.00	$ 400.00	$ 769.58
					$33,622.56	**$ 33,622.56**

ADD CAPITALIZED INTEREST TO MWCO PARTICIPATION

AUTHORIZATION FOR EXPENDITURE
For Property Additions

G/L 104A

Title **INSTALL REPLACEMENT WELLS @ CLARKS ISLAND**

Company **MILFORD WATER CO.** Work Order No. **2003-03**

Date **JANUARY 2003** Estimated Cost $ **$25,000.**

Reasons for Expenditure, Remarks.

A NUMBER OF 2 1/2" WELLS AT CLARKS ISLAND HAVE BEEN REMOVED FROM SERVICE DUE TO CONDITION OF WELL CASINGS. NEW 2 1/2" WELLS SHALL BE INSTALLED TO REPLACE THESE WELLS AND BRING THE WELLFIELD TO FULL CAPACITY. IN ADDITION TO THE WELLS, ADDITIONAL SUPPORTS SHALL BE INSTALLED TO REPLACE THE FAILED SUPPORTS THAT RESULTED IN 'SAGGING' OF THE 6" COLLECTION LINES.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $ _____

Contribution $ _____

Net Investment by Company $ _____

Gross Revenue (All Possible Houses and Hydrants Served) $ _____

Net Revenue After Applying Operating Ratio of ____% $ _____

Percentage of Gross Revenue to Net Investment _____%

Percentage of Net Revenue to Net Investment _____%

Prepared by _____ Approved AGP 2/29/2004

_____ _____

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	MWC Payroll			$1,769.99	$1,769.99
1	6" Butterfly Valve Flange x Flange	$381.71	$381.71		$381.71
1	6" Hymax Coupling	$135.00	$135.00		$135.00
120	feet, 6" Steel Pipe Schedule 40	$7.11	$852.60		$852.60
17	feet, 2" Steel Pipe Schedule 80	$2.24	$38.13		$38.13
124	feet, 2" Steel Pipe Schedule 80	$2.24	$278.11		$278.11
615	feet, 2 1/2" Steel Pipe Schedule 80	$5.15	$3,169.10		$3,169.10
1	Layne Christensen			$18,403.00	$18,403.00
1	Pinto's Plumbing - Materials			$28.52	$28.52
1	Pinto's Plumbing - Materials Repairs/Replacement			$16.02	$16.02
1	Water Works Supply - 6" MJ Gasket			$22.44	$22.44
1	RH White - Weld Supports for Water Pipe			$520.00	$520.00
1	RH White - Replace 6" Water Pipe,Reconnect Wells			$2,080.00	$2,080.00
1	RH White - Replace 6" Water Pipe,Reconnect Wells			$4,095.00	$4,095.00
1	RH White - Tie in and Weld 3 Weld Points to 8" Main			$585.00	$585.00
Mains:					
Hydrants:					
Services:					
Fringes:					$257.37
	TOTAL:				$32,631.99

For Property Additions

G/L 109A

Title: REPLACE WATER SERVICES - NORTH ST, RAVENNA ST, GENOA AVE, COMO CT

Company MILFORD WATER CO. Work Order No. 2003-16

Date OCTOBER 2003 Estimated Cost $ $ 20,000

Reasons for Expenditure, Remarks.

The Town of Milford will be paving North Street, Ravenna Street, Genoa Avenue and Como Court in the spring of 2004. Due to the town street program the Milford Water Company will replace all the old water services as needed. R.H. White Construction Co. has been hired by the MWCo to provide labor and equipment to perform the service work due to the current workload of the MWCo.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $

Contribution $

Net Investment by Company $

Gross Revenue (All Possible Houses and Hydrants Served) $

Net Revenue After Applying Operating Ratio of ____% $

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by

Approved AP 2/29/2004

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	North Street - 2,8,10,16,20,25,29,30				
75	feet, 1" Copper	$1.56	$116.78		$116.78
7	Erie Service Box & Rod	$11.10	$77.73		$77.73
5	1" Curb Stop Comp x Fip	$23.85	$119.24		$119.24
2	1" Corporation CCxComp	$13.39	$26.77		$26.77
1	4" x 1" CC Serv. Saddle D-Strap	$21.15	$21.15		$21.15
1	4" x 12" Repair Clamp w/1" CC	$37.60	$37.60		$37.60
5	1" x 6" Brass Nipple	$5.97	$29.87		$29.87
4	1" Slip Coupling	$19.10	$76.40		$76.40
2	3/4" Slip Coupling	$16.51	$33.01		$33.01
3	1" Corporation Adaptor	$23.48	$70.44		$70.44
2	1" x 3/4" Adaptor CompxMip	$4.01	$8.02		$8.02
2	3/4" x 1" 3-Part Coupling	$5.46	$10.91		$10.91
2	1" Curb Stop Fip x Fip	$19.40	$38.81		$38.81
4	1" Adaptor Comp x Mip	$4.73	$18.94		$18.94
	Como Court - 15,19				
25	feet, 1" Copper	$1.56	$38.93		$38.93
2	Erie Service Box & Rod	$11.10	$22.21		$22.21
2	1" Slip Coupling	$19.10	$38.20		$38.20
2	1" Curb Stop Comp x Fip	$23.85	$47.70		$47.70
3	12" Curb Box Repair Top	$4.62	$13.86		$13.86
2	1" Curb Stop	$26.15	$52.30		$52.30
4	1" Brass Nipple	$2.10	$8.38		$8.38
1	1" Adaptor Comp x Fip	$5.35	$5.35		$5.35
	Genoa Avenue - 10,11,17				
54	feet, 1" Copper	$1.56	$84.08		$84.08
3	Erie Service Box & Rod	$11.10	$33.31		$33.31
1	1" Slip Coupling	$19.10	$19.10		$19.10
3	1" Curbstop Comp x Fip	$23.85	$71.54		$71.54
2	1" Corporation Adaptor	$23.48	$46.96		$46.96
1	1" Corporation	$13.39	$13.39		$13.39
1	3/4" x 1" 3-Part Coupling	$5.46	$5.46		$5.46
1	1" x 6" Brass Nipple	$5.97	$5.97		$5.97
1	1" Adaptor Comp x Mip	$4.73	$4.73		$4.73
1	Town of Milford Police Dept. - Detail North St.			$1,275.64	$1,275.64
1	Town of Milford Police Dept. - Detail North St.			$637.82	$637.82
1	Town of Milford Police Dept. - Detail North,Como			$1,710.84	$1,710.84
1	R.H White Invoice - Renew Services			$14,548.19	$14,548.19
1	R.H White Invoice - Renew Services			$15,308.16	$15,308.16
1	Town of Milford Highway Dept. Street Open Permits			$380.00	$380.00
1	Town of Milford Police Dept. - Detail Genoa Ave.			$1,232.48	$1,232.48
1	R.H. White Invoice - Material for Service Installation			$1,458.26	$1,458.26
	Capital Interest - 2003				$757.00
	MWC Payroll Labor			$665.36	$665.36
Mains:					
Hydrants:					
Services:					
Fringes:					$96.56
	TOTAL:				$38,070.31

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title **PURCHASE REPLACEMENT TRACTOR/BACKHOE**

Company **MILFORD WATER CO.** Work Order No. **2004-09**

Date **JUNE 2004** Estimated Cost $ **$55,000.**

Reasons for Expenditure, Remarks. G/L - 119

The existing 1990 Case tractor/backhoe needs replacement as the repairs are getting more frequent and the type of needed repairs are getting more cost prohibitive.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $_____

Contribution $_____

Net Investment by Company $_____

Gross Revenue (All Possible Houses and Hydrants Served) $_____

Net Revenue After Applying Operating Ratio of ____% $_____

Percentage of Gross Revenue to Net Investment _____%

Percentage of Net Revenue to Net Investment _____%

Prepared by _____ Approved _____ 3/2/2005

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	The Protector Group	$125.00	$125.00		$125.00
	Southworth Milton, Inc.	$55,950.00	$55,950.00		$55,950.00
Mains:					$56,075.00
Hydrants:					
Services:					
Fringes:					
	TOTAL:				$56,075.00

For Property Additions

Tit **CHESTNUT STREET - REPLACE MAIN, SERVICES, HYDRANT**

Compan **MILFORD WATER CO.** Work Order No. **2004-15**

Date **AUGUST 2004** Estimated Cost $ ~~$140,000.~~ $ 179,953.62

Reasons for Expenditure, Remarks.

G/L 108 A - $132,931.24 + 1596.33 = 134,527.57
G/L 112 A - 5,449.11 + 1596.33 = 7045.44
G/L 109 A - 36,784.27 + 1596.33 = 38,380.60
CAP. INTEREST 4,789.00
$179,953.62

The Milford Highway Department has slated Chestnut Street for resurfacing and requested Milford Water perform all necessary water system work beforehand. Milford Water has contracted with R.H. White to replace the existing 4" cast iron main with an 8" ductile iron water main, renew all services main to stop and replace any/all appurtenances as required.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $ 179,953.62

Contribution $ 0.00

Net Investment by Company $ 179,953.62

Gross Revenue (All Possible Houses and Hydrants Served) $

Net Revenue After Applying Operating Ratio of ___% $

Percentage of Gross Revenue to Net Investment %

Percentage of Net Revenue to Net Investment %

Prepared by HENRY C. PAPUGA Approved HENRY C. PAPUGA

3/3/2005

CHESTNUT STREET WATER SYSTEM IMPROVEMENTS

Quantity	Description	Unit cost for material	Unit cost to Install	Total unit Cost	Total Cost	
Mains:						
1	Temporary by-pass piping				$ 18,000.00	
1506 ft	8" Ductile iron pipe, class 52	$ 9.46	$ 29.60		$ 58,816.71	
2 ft	4" Ductile iron pipe, class 52	$ 7.04	$ 50.00	$57.04	$ 114.08	
	Rock excavation				$ 12,752.50	
4	8" MJ gate valve, resilient seat	$ 314.60	$ 125.00	$439.60	$ 1,758.40	
1	4" MJ gate valve, resilient seat	$ 225.36			$ 225.36	
4	gate box complete	$ 26.57	$ 15.00	$41.57	$ 166.28	
1	gate box complete	$ 26.57			$ 26.57	
51 cy	3/4" stone for pipe bedding			$15.00	$ 765.00	
3	main interconnections		$1,500.00		$ 4,500.00	
2	8" x 8" MJ tee	$ 105.42			$ 210.84	
1	8" x 8" MJ tee, DI	$ 99.70			$ 99.70	
1	8" MJ 1/8 bend	$ 78.35			$ 78.35	
1	8" x 4" MJ reducer	$ -			$ -	
1	8" x 12" MJ solid sleeve	$ 64.68			$ 64.68	
1	8" MJ cap	$ 25.74			$ 25.74	
14	8" Mega-lug retaining gland	$ 24.50			$ 343.00	
4	8" Mega-lug retaining gland				$ 164.70	
3	4" Mega-lug retaining gland				$ 72.90	
700 lbs	Install MJ fittings		$1.00		$ 700.00	
873 SY	Bituminous concrete		$17.00		$ 14,841.00	
1	1" blow-off service (MWCo)				$ 115.18	
1	Change order - sewer location				$ 1,700.25	
1	Change order - by-pass piping				$ 278.00	
1	Change order - Saturday work				$ 1,103.71	
2	10" coupling to repair drain	$ 27.00			$ 54.00	
13 ft	10" drain pipe	$ 6.14			$ 61.43	
	Misc anchor bolts				$ 10.80	
	Milford Police				$ 12,624.31	
	MWCo payroll				$ 2,607.95	
	MWCo fringes				$ 388.19	
	MWCo equipment				$ 160.00	
	Pinto Plmg - parts for by-pass				$ 37.80	
	Misc.				$ 63.81	
					$132,931.24	$132,931.24

con't

Hydrants						
1	8" x 6" MJ hydrant tee	$ 101.75	$ 50.00		$ 151.75	
1	6" MJ valve, resilient seat	$ 213.43	$ 100.00		$ 313.43	
1	6" x 12" MJ solid sleeve	$ 65.53			$ 65.53	
5	6" Mega-lub retaining gland				$ 150.42	
1	gate box complete	$ 26.57	$ 15.00	$41.57	$ 41.57	
1	gate box complete	$ 26.57			$ 26.57	
10 ft	6" Ductile iron pipe	$ 6.99	$ 35.00		$ 419.94	
1	hydrant, M&H 929, 6'	$ 999.95	$ 780.00		$ 1,779.95	
1	hydrant, M&H 929, 6'	$ 999.95	$1,500.00		$ 2,499.95	
					$ 5,449.11	$ 5,449.11
Services:						
32	1" corporation, cc x comp	$ 13.96			$ 446.74	
15	1" curb stop, comp x comp	$ 27.44			$ 411.63	
4	1" curb stop, comp x fip	$ 25.23			$ 100.90	
10	Erie service box w/rod	$ 21.42			$ 214.20	
253 ft	1" copper, type K soft	$ 1.84			$ 464.36	
13	3/4" x 1" 3-part coupling	$ 5.50			$ 71.56	
15	1" 3-part coupling	$ 5.68			$ 85.26	
2	1" 2-bolt coupling	$ 20.88			$ 41.75	
2	1" x 6" brass nipple	$ 7.38			$ 14.75	
32	service connections		$ 460.00		$ 14,720.00	
253 ft	service renewals		$ 52.00		$ 13,156.00	
291 sy	Bituminous concrete		$ 17.00		$ 4,949.38	
	Milford Police				$ 2,107.74	
					$ 36,784.27	$ 36,784.27
	Capitalized interest				$ 4,789.00	$ 4,789.00
					$179,953.62	**$179,953.62**

AUTHORIZATION FOR EXPENDITURE
For Property Additions

Title **ECHO LAKE DAM - REPLACE THE FLASHBOARDS ON DAM**

Company **MILFORD WATER CO.** Work Order No. **2004-16**

Date **AUGUST 2004** Estimated Cost $ ~~$35,000~~ 48,279.4

Reasons for Expenditure, Remarks.

G/L - 104DR

The wooden flashboards on the dam installed in 1987 have deteriorated to a non-repairable condition. Milford Water has performed temporary repairs but further repairs are not advisable. R.H. White has been hired as a construction manager to solicit prices to remove and replace the existing flashboards. A preliminary budget of $28,250. Has been submitted. The Hopkinton Conservation Commission has required filing of a Notice of Intent before work commences. Milford Water will be responsible for the NOI filing.

(See work order 1987-04 for original costs)

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $

Contribution $

Net Investment by Company $

Gross Revenue (All Possible Houses and Hydrants Served) $

Net Revenue After Applying Operating Ratio of ____% $

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by

Approved HGP 3/2/2005

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	MWC Payroll	$400.24	$400.24		$400.24
	Commonwealth of Ma - NOI	$350.00	$350.00		$350.00
	Guerriere & Halnon - Engineering	$790.00	$790.00		$790.00
	Town of Hopkinton - NOI/ Filing Fees	$6,175.00	$6,175.00		$6,175.00
	Milford Water Company - Postage, NOI	$81.30	$81.30		$81.30
	Community Newspaper	$105.75	$105.75		$105.75
	Guerriere & Halnon - Engineering	$458.83	$458.83		$458.83
	South Middlesex Registry - Recording Fee	$75.00	$75.00		$75.00
	R.H. White Invoice 2559602	$37,750.00	$37,750.00		$37,750.00
	R.H. White Invoice 2559602-Management Fee	$747.78	$747.78		$747.78
Mains:					$46,933.90
Hydrants:					
Services:					
Fringes:					$59.57
	TOTAL:				$46,993.47

+Capitalized Interest 1,286.00

48,279.47

For Property Additions

Title: **DILLA STREET GARAGE - install new roof, wall**

Company **MILFORD WATER CO.** Work Order No. **2004-19**

Date **AUGUST 2004** Estimated Cost $ ~~**$30,750.**~~ $33553.54

Reasons for Expenditure, Remarks. G/L 104B

The existing company garage at Dilla Street is in need of repairs. The structure requires a new roof, replacement of westerly garage wall, replacement of (front) overhead garage door and replacement of gutters. R.H. White has been hired as a construction manager to solicit prices to perform the work. A preliminary budget of $30,750. has been submitted.

(The exact date and cost of the original construction is unknown at this time).

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $_____

Contribution $_____

Net Investment by Company $_____

Gross Revenue (All Possible Houses and Hydrants Served) $_____

Net Revenue After Applying Operating Ratio of ____% $_____

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by _____ Approved AGP 3/3/2005

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	R.H. White Invoice	$30,750.00	$30,750.00		$30,750.00
	R.H. White Invoice 2559602	$1,277.00	$1,277.00		$1,277.00
	R.H. White Invoice 2559602-Management Fee	$747.79	$747.79		$747.79
	R.H. White Invoice 2559601 - Management Fee	$778.75	$778.75		$778.75
Mains:					$33,553.54
Hydrants:					
Services:					
Fringes:					
	TOTAL:				$33,553.54

For Property Additions

Title: **CONVERT SAND FILTER #2 INTO CLEARWELL**

Company **MILFORD WATER CO.** Work Order No. **2004-26**

Date **OCTOBER 2004** Estimated Cost $ **unknown**

Reasons for Expenditure, Remarks.

$ 101,822.79
G/L 104 e

An engineering study performed by Grotton Pilot Solutions (see work order 2001-08) re: the slow sand filtration system not operating efficiently addressed a number of conditions. One item was inadequate finished water storage before pumping to the chlorine contact chamber. The engineering study recommended converting slow sand filter #2 (intentionally not resanded to make the structure available) into a clearwell. Slow sand filter #2 would be connected to clearwell #3 w/a 16" or 24" pipe. This design would provide an additional 422,000 gallons of finished water storage and improve filtration operations.

Does this work replace property now in plant account (yes or no) NO

Estimated Cost $

Contribution $

Net Investment by Company $

Gross Revenue (All Possible Houses and Hydrants Served) $

Net Revenue After Applying Operating Ratio of ____% $

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by

Approved 3/2/2005

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	MWC Payroll	$184.48	$184.48		$184.48
	Lafleur Electric - Repair PVC-Pull Wires	$274.75	$274.75		$274.75
	R.H. White Invoice 27129C02	$99,962.10	$99,962.10		$99,962.10
Mains:					$100,421.33
Hydrants:					
Services:					
Fringes:					$27.46
	TOTAL:				$100,448.79

+ Capitalized Interest 1374.00

101,822.79

For Property Additions

Title: **PURCHASE STREET WATER IMPROVEMENTS**

Company: **MILFORD WATER CO.** Work Order No. **2004-28**

Date **NOVEMBER 2004** Estimated Cost $ **unknown** $36002.10

Reasons for Expenditure, Remarks. SERVICES - G/L 109 A

The Milford Highway Department has notified the Milford Water Company that it plans to install a new roadway surface on Purchase Street between Dilla Street and Tyler Street (approx. 7000 ft) in the spring of 2005. Milford Water has determined that 13 water service connections need to be replaced between the existing water main and property line. It has also determined that 5-6 hydrants should be replaced due to their age and design (not traffic impact models). Milford Water will schedule the work immediately in an effort to reduce costs, as the town will require flowable fill in the trenches if the work is done in the spring. The town recommended the work be performed now to allow each excavation to settle through a winter season.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $

Contribution $

Net Investment by Company $

Gross Revenue (All Possible Houses and Hydrants Served) $

Net Revenue After Applying Operating Ratio of ___% $

Percentage of Gross Revenue to Net Investment ___%

Percentage of Net Revenue to Net Investment ___%

Prepared by HCP Approved HCP HCP 3/2/2004

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	MWC Payroll	$1,089.36	$1,089.36		$1,089.36
	Inventory	$1,411.30	$1,411.30		$1,411.30
	Town of Milford - Police Detail	$978.90	$978.90		$978.90
	Town of Milford - Police Detail	$1,750.56	$1,750.56		$1,750.56
	Town of Milford - Police Detail	$978.90	$978.90		$978.90
	Town of Milford - Police Detail	$771.66	$771.66		$771.66
	R.H. White Construction	$24,828.99	$24,828.99		$24,828.99
	Aggregate Industries - Top Mix	$95.40	$95.40		$95.40
	Whitinsville Water Company - 48109	$3,369.88	$3,369.88		$3,369.88
Mains:					$35,274.95
Hydrants:					
Services:					
Fringes:					$162.15
	TOTAL:				$35,437.10

+ 80.00 Equipment Hours (Adjusting Entry) 35,517.10

WO0428 + Capitalized Interest 485.00

$36,002.10

For Property Additions

Title: **PURCHASE 2 REPLACEMENT UTILITY TRUCKS**

Company: **MILFORD WATER CO.** Work Order No. **2004-29**

Date **DECEMBER 2004** Estimated Cost $ **$55,000.** $54,848.78

Reasons for Expenditure, Remarks. G/L - 117

Milford Water Company has two utility trucks that need replacement. The first truck is a Chevrolet 1994 (see Work Order 1993-18) that has been recently removed from daily service due to the mechanical repairs required. The second truck is a 1995 Chevrolet (see Work Order 1995-20) that remains in daily service but is near the end of its useful life due to the many mechanical repairs expected in the immediate future.

Does this work replace property now in plant account (yes or no) YES

Estimated Cost $_____

Contribution $_____

Net Investment by Company $_____

Gross Revenue (All Possible Houses and Hydrants Served) $_____

Net Revenue After Applying Operating Ratio of ____% $_____

Percentage of Gross Revenue to Net Investment ____%

Percentage of Net Revenue to Net Investment ____%

Prepared by HCP Approved HCP HCP 3/2/2005

Quantity	Description	Price Each	Total Material	Total Labor	Grand Total Material & Labor
	Imperial Chevrolet	$54,620.95	$54,620.95		$54,620.95
	Signs Plus	$227.75	$227.75		$227.75
Mains:					$54,848.70
Hydrants:					
Services:					
Fringes:					
	TOTAL:				$54,848.70

R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

May 12th, 2005

Henry Papuga
Milford Water Company (MWC)
66 Dilla Street
Milford, MA 01757

RE: Close Out CM of Misc Projects

Dear Henry,

This is a follow up from my initial letter dated 27 August, 2004. I wanted to take the time again to thank you for the working with us under the Construction Management Service contract to complete over 15 different projects for your company over the last 10 months. Using our CM services you were able to save several thousand dollars and a lot of time on the part of yourself and your staff.

Specifically, the projects required over $288k in equipment, materials, and subcontractors. Under our usual construction contract we would have charged at least 4% and up to 10% mark up on this price before adding our fee. Under CM services we only charged a 5% fee overall. This is a savings of over $12k. Additionally, we wrote the scopes of work for the different projects and then obtained competitive pricing and then submitted a bid tab for your approval, which is work usually done by an architect or engineering firm. The fee for this service is usually 5% of the project value. By handling these ourselves, you only had to pay our 5% fee on the projects which prevented you from having to pay their fee and then our profit on each project which is a savings of over $15k. Also, by understanding all the work that needed to be accomplished we were able to schedule the work to best utilize the supervision, which allowed one superintendent to manage several smaller projects at once. If you had different contractors running the work you would have had to pay for the supervision required by each different company. Finally, with our knowledge of your industry and our experience in utility work we were able to get some general direction from you about what you needed done and then take over the project completely. This allowed you and your staff to focus on your work and satisfying your customers instead of having to be intimately involved in all the development of the construction projects. We had discussed these benefits before and during the project, but now that the work is complete I wanted to follow up and reiterate the savings to your company.

I hope that you were fully satisfied with our service and I would appreciate any feedback that you can provide that would help us improve our service.

Sincerely,

Scott Lee
Building Division Manager
R.H. White Construction Co., Inc.

AIA® Document A121™CMc – 2003 and AGC Document 565

Standard Form of Agreement Between Owner and Construction Manager where the Construction Manager is Also the Constructor

AGREEMENT
made as of the 8th day of ~~2004~~ AUGUST in the year of 2004
(In words, indicate day, month and year)

BETWEEN the Owner:
(Name and address)

Milford Water Company
66 Dilla Street
Milford, MA 01757

and the Construction Manager:
(Name and address)

R. H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

The Project is:
(Name, address and brief description)

Milford Water Project per attached Scope dated July 22, 2004
66 Dilla Street, Milford, MA 01757

The Architect is:
(Name and address)

There is no Architect on this project. The Owner assumes the role of the Architect for this project.

The Owner and Construction Manager agree as set forth below:

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The 1997 Edition of AIA® Document A201™, General Conditions of the Contract for Construction, is referred to herein. This Agreement requires modification if other general conditions are utilized.

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ARTICLE 1 GENERAL PROVISIONS

§ 1.1 RELATIONSHIP OF PARTIES

The Construction Manager accepts the relationship of trust and confidence established with the Owner by this Agreement, and covenants with the Owner to furnish the Construction Manager's reasonable skill and judgment and to cooperate with the Owner. The Construction Manager shall furnish construction administration and management services and use the Construction Manager's best efforts to perform the Project in an expeditious and economical manner consistent with the interests of the Owner. The Owner shall endeavor to promote harmony and cooperation among the Owner, Construction Manager and other persons or entities employed by the Owner for the Project.

§ 1.2 GENERAL CONDITIONS

For the Construction Phase, the General Conditions of the contract shall be the AIA® Document A201™–1997, General Conditions of the Contract for Construction, which is incorporated herein by reference. For the Preconstruction Phase, or in the event that the Preconstruction and Construction Phases proceed concurrently, A201™–1997 shall apply to the Preconstruction Phase only as specifically provided in this Agreement. The term "Contractor" as used in A201™–1997 shall mean the Construction Manager.

ARTICLE 2 CONSTRUCTION MANAGER'S RESPONSIBILITIES

The Construction Manager shall perform the services described in this Article. The services to be provided under Sections 2.1 and 2.2 constitute the Preconstruction Phase services. If the Owner and Construction Manager agree, the Construction Phase may commence before the Preconstruction Phase is completed, in which case both phases will proceed concurrently.

§ 2.1 PRECONSTRUCTION PHASE

§ 2.1.1 PRELIMINARY EVALUATION

The Construction Manager shall provide a preliminary evaluation of the Owner's program and Project budget requirements, each in terms of the other.

§ 2.1.2 CONSULTATION

The Construction Manager schedule and attend regular meetings with the Owner. The Construction Manager shall consult with the Owner regarding site use and improvements and the selection of materials, building systems and equipment. The Construction Manager shall provide recommendations on construction feasibility; actions designed to minimize adverse effects of labor or material shortages; time requirements for procurement, installation and construction completion; and factors related to construction cost, including estimates of alternative designs or materials, preliminary budgets and possible economies.

§ 2.1.3 PRELIMINARY PROJECT SCHEDULE

When Project requirements described in Section 3.1.1 have been sufficiently identified, the Construction Manager shall prepare, and periodically update, a preliminary Project schedule for the Owner's review and approval. The Construction Manager shall coordinate and integrate the preliminary Project schedule with the services and activities of the Owner and Construction Manager. As design proceeds, the preliminary Project schedule shall be updated to indicate proposed activity sequences and durations, milestone dates for receipt and approval of pertinent information, submittal of a Guaranteed Maximum Price proposal, preparation and processing of shop drawings and samples, delivery of materials or equipment requiring long-lead-time procurement, Owner's occupancy requirements showing portions of the Project having occupancy priority, and proposed date of Substantial Completion. If preliminary Project schedule updates indicate that previously approved schedules may not be met, the Construction Manager shall make appropriate recommendations to the Owner.

§ 2.1.4 PHASED CONSTRUCTION

The Construction Manager shall make recommendations to the Owner regarding the phased issuance of Drawings and Specifications to facilitate phased construction of the Work, if such phased construction is appropriate for the Project, taking into consideration such factors as economies, time of performance, availability of labor and materials, and provisions for temporary facilities.

§ 2.1.5 PRELIMINARY COST ESTIMATES

§ 2.1.5.1 When the Owner has sufficiently identified the Project requirements and has prepared other basic design criteria, the Construction Manager shall prepare, for the review and approval of the Owner, a preliminary cost estimate utilizing area, volume or similar conceptual estimating techniques.

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§ 2.1.5.2 When Schematic Design Documents have been prepared, the Construction Manager shall prepare, for the review and approval of the Owner, a more detailed estimate with supporting data. During the preparation of the Design Development Documents, the Construction Manager shall update and refine this estimate at appropriate intervals agreed to by the Owner and Construction Manager.

§ 2.1.5.3 When Design Development Documents have been prepared, the Construction Manager shall prepare a detailed estimate with supporting data for review and approval by the Owner. During the preparation of the Construction Documents, the Construction Manager shall update and refine this estimate at appropriate intervals agreed to by the Owner, Architect and Construction Manager.

§ 2.1.5.4 If any estimate submitted to the Owner exceeds previously approved estimates or the Owner's budget, the Construction Manager shall make appropriate recommendations to the Owner.

§ 2.1.6 SUBCONTRACTORS AND SUPPLIERS

The Construction Manager shall seek to develop subcontractor interest in the Project and shall furnish to the Owner a list of possible subcontractors, including suppliers who are to furnish materials or equipment fabricated to a special design, from whom proposals will be requested for each principal portion of the Work. The receipt of such list shall not require the Owner to investigate the qualifications of proposed subcontractors or suppliers, nor shall it waive the right of the Owner later to object to or reject any proposed subcontractor or supplier.

§ 2.1.7 LONG-LEAD-TIME ITEMS

The Construction Manager shall recommend to the Owner a schedule for procurement of long-lead-time items which will constitute part of the Work as required to meet the Project schedule. If such long-lead-time items are procured by the Owner, they shall be procured on terms and conditions acceptable to the Construction Manager. Upon the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal, all contracts for such items shall be assigned by the Owner to the Construction Manager, who shall accept responsibility for such items as if procured by the Construction Manager. The Construction Manager shall expedite the delivery of long-lead-time items.

§ 2.1.8 EXTENT OF RESPONSIBILITY

The Construction Manager does not warrant or guarantee estimates and schedules except as may be included as part of the Guaranteed Maximum Price. The recommendations and advice of the Construction Manager concerning design alternatives shall be subject to the review and approval of the Owner and the Owner's professional consultants. It is not the Construction Manager's responsibility to ascertain that the Drawings and Specifications are in accordance with applicable laws, statutes, ordinances, building codes, rules and regulations. However, if the Construction Manager recognizes that portions of the Drawings and Specifications are at variance therewith, the Construction Manager shall promptly notify the Owner in writing.

§ 2.1.9 EQUAL EMPLOYMENT OPPORTUNITY AND AFFIRMATIVE ACTION

The Construction Manager shall comply with applicable laws, regulations and special requirements of the Contract Documents regarding equal employment opportunity and affirmative action programs.

§ 2.2 GUARANTEED MAXIMUM PRICE PROPOSAL AND CONTRACT TIME

§ 2.2.1 When the Drawings and Specifications are sufficiently complete, the Construction Manager shall propose a Guaranteed Maximum Price, which shall be the sum of the estimated Cost of the Work and the Construction Manager's Fee.

§ 2.2.2 As the Drawings and Specifications may not be finished at the time the Guaranteed Maximum Price proposal is prepared, the Construction Manager shall provide in the Guaranteed Maximum Price for further development of the Drawings and Specifications by the Architect that is consistent with the Contract Documents and reasonably inferable therefrom. Such further development does not include such things as changes in scope, systems, kinds and quality of materials, finishes or equipment, all of which, if required, shall be incorporated by Change Order.

§ 2.2.3 The estimated Cost of the Work shall include the Construction Manager's contingency, a sum established by the Construction Manager for the Construction Manager's exclusive use to cover costs arising under Section 2.2.2 and other costs which are properly reimbursable as Cost of the Work but not the basis for a Change Order.

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§ 2.2.4 BASIS OF GUARANTEED MAXIMUM PRICE
The Construction Manager shall include with the Guaranteed Maximum Price proposal a written statement of its basis, which shall include:

.1 A list of the Drawings and Specifications, including all addenda thereto and the Conditions of the Contract, which were used in preparation of the Guaranteed Maximum Price proposal.
.2 A list of allowances and a statement of their basis.
.3 A list of the clarifications and assumptions made by the Construction Manager in the preparation of the Guaranteed Maximum Price proposal to supplement the information contained in the Drawings and Specifications.
.4 The proposed Guaranteed Maximum Price, including a statement of the estimated cost organized by trade categories, allowances, contingency, and other items and the Fee that comprise the Guaranteed Maximum Price.
.5 The Date of Substantial Completion upon which the proposed Guaranteed Maximum Price is based, and a schedule of the Construction Documents issuance dates upon which the date of Substantial Completion is based.

§ 2.2.5 The Construction Manager shall meet with the Owner to review the Guaranteed Maximum Price proposal and the written statement of its basis. In the event that the Owner discovers any inconsistencies or inaccuracies in the information presented, they shall promptly notify the Construction Manager, who shall make appropriate adjustments to the Guaranteed Maximum Price proposal, its basis, or both.

§ 2.2.6 Unless the Owner accepts the Guaranteed Maximum Price proposal in writing on or before the date specified in the proposal for such acceptance and so notifies the Construction Manager, the Guaranteed Maximum Price proposal shall not be effective without written acceptance by the Construction Manager.

§ 2.2.7 Prior to the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal and issuance of a Notice to Proceed, the Construction Manager shall not incur any cost to be reimbursed as part of the Cost of the Work, except as the Owner may specifically authorize in writing.

§ 2.2.8 Upon acceptance by the Owner of the Guaranteed Maximum Price proposal, the Guaranteed Maximum Price and its basis shall be set forth in Amendment No. 1. The Guaranteed Maximum Price shall be subject to additions and deductions by a change in the Work as provided in the Contract Documents, and the Date of Substantial Completion shall be subject to adjustment as provided in the Contract Documents.

§ 2.2.9 The Owner shall authorize revisions to the Drawings and Specifications to the extent necessary to reflect the agreed-upon assumptions and clarifications contained in Amendment No. 1. Such revised Drawings and Specifications shall be furnished to the Construction Manager in accordance with schedules agreed to by the Owner and Construction Manager. The Construction Manager shall promptly notify the Owner if such revised Drawings and Specifications are inconsistent with the agreed-upon assumptions and clarifications.

§ 2.2.10 The Guaranteed Maximum Price shall include in the Cost of the Work only those taxes which are enacted at the time the Guaranteed Maximum Price is established.

§ 2.3 CONSTRUCTION PHASE
§ 2.3.1 GENERAL
§ 2.3.1.1 The Construction Phase shall commence on the earlier of:

(1) the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal and issuance of a Notice to Proceed, or
(2) the Owner's first authorization to the Construction Manager to:
(a) award a subcontract, or
(b) undertake construction Work with the Construction Manager's own forces, or
(c) issue a purchase order for materials or equipment required for the Work.

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§ 2.3.2 ADMINISTRATION

§ 2.3.2.1 Those portions of the Work that the Construction Manager does not customarily perform with the Construction Manager's own personnel shall be performed under subcontracts or by other appropriate agreements with the Construction Manager. The Construction Manager shall obtain bids from Subcontractors and from suppliers of materials or equipment fabricated to a special design for the Work from the list previously reviewed and, after analyzing such bids, shall deliver such bids to the Owner. The Owner will then determine, with the advice of the Construction Manager, which bids will be accepted. The Owner may designate specific persons or entities from whom the Construction Manager shall obtain bids; however, if the Guaranteed Maximum Price has been established, the Owner may not prohibit the Construction Manager from obtaining bids from other qualified bidders. The Construction Manager shall not be required to contract with anyone to whom the Construction Manager has reasonable objection.

§ 2.3.2.2 If the Guaranteed Maximum Price has been established and a specific bidder among those whose bids are delivered by the Construction Manager to the Owner (1) is recommended to the Owner by the Construction Manager; (2) is qualified to perform that portion of the Work; and (3) has submitted a bid which conforms to the requirements of the Contract Documents without reservations or exceptions, but the Owner requires that another bid be accepted, then the Construction Manager may require that a change in the Work be issued to adjust the Contract Time and the Guaranteed Maximum Price by the difference between the bid of the person or entity recommended to the Owner by the Construction Manager and the amount of the subcontract or other agreement actually signed with the person or entity designated by the Owner.

§ 2.3.2.3 Subcontracts and agreements with suppliers furnishing materials or equipment fabricated to a special design shall conform to the payment provisions of Sections 7.1.8 and 7.1.9 and shall not be awarded on the basis of cost plus a fee without the prior consent of the Owner.

§ 2.3.2.4 The Construction Manager shall schedule and conduct meetings at which the Owner, Construction Manager and appropriate Subcontractors can discuss the status of the Work. The Construction Manager shall prepare and promptly distribute meeting minutes.

§ 2.3.2.5 Promptly after the Owner's acceptance of the Guaranteed Maximum Price proposal, the Construction Manager shall prepare a schedule in accordance with Section 3.10 of A201™–1997, including the Owner's occupancy requirements.

§ 2.3.2.6 The Construction Manager shall provide monthly written reports to the Owner on the progress of the entire Work. The Construction Manager shall maintain a daily log containing a record of weather, Subcontractors working on the site, number of workers, Work accomplished, problems encountered and other similar relevant data as the Owner may reasonably require. The log shall be available to the Owner.

§ 2.3.2.7 The Construction Manager shall develop a system of cost control for the Work, including regular monitoring of actual costs for activities in progress and estimates for uncompleted tasks and proposed changes. The Construction Manager shall identify variances between actual and estimated costs and report the variances to the Owner and Architect at regular intervals.

§ 2.4 PROFESSIONAL SERVICES

Section 3.12.10 of A201™–1997 shall apply to both the Preconstruction and Construction Phases.

§ 2.5 HAZARDOUS MATERIALS

Section 10.3 of A201™–1997 shall apply to both the Preconstruction and Construction Phases.

ARTICLE 3 OWNER'S RESPONSIBILITIES

§ 3.1 INFORMATION AND SERVICES

§ 3.1.1 The Owner shall provide full information in a timely manner regarding the requirements of the Project, including a program which sets forth the Owner's objectives, constraints and criteria, including space requirements and relationships, flexibility and expandability requirements, special equipment and systems, and site requirements.

§ 3.1.2 The Owner shall, at the written request of the Construction Manager prior to commencement of the Construction Phase and thereafter, furnish to the Construction Manager reasonable evidence that financial

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arrangements have been made to fulfill the Owner's obligations under the Contract. Furnishing of such evidence shall be a condition precedent to commencement or continuation of the Work. After such evidence has been furnished, the Owner shall not materially vary such financial arrangements without prior notice to the Construction Manager.

§ 3.1.3 The Owner shall establish and update an overall budget for the Project, based on consultation with the Construction Manager and Architect, which shall include contingencies for changes in the Work and other costs which are the responsibility of the Owner.

§ 3.1.4 STRUCTURAL AND ENVIRONMENTAL TESTS, SURVEYS AND REPORTS
In the Preconstruction Phase, the Owner shall furnish the following with reasonable promptness and at the Owner's expense. Except to the extent that the Construction Manager knows of any inaccuracy, the Construction Manager shall be entitled to rely upon the accuracy of any such information, reports, surveys, drawings and tests described in Sections 3.1.4.1 through 3.1.4.4 but shall exercise customary precautions relating to the performance of the Work.

§ 3.1.4.1 Reports, surveys, drawings and tests concerning the conditions of the site which are required by law.

§ 3.1.4.2 Surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, alleys, pavements and adjoining property and structures; adjacent drainage; rights-of-way, restrictions, easements, encroachments, zoning, deed restrictions, boundaries and contours of the site; locations, dimensions and necessary data pertaining to existing buildings, other improvements and trees; and information concerning available utility services and lines, both public and private, above and below grade, including inverts and depths. All information on the survey shall be referenced to a project benchmark.

§ 3.1.4.3 The services of a geotechnical engineer when such services are requested by the Construction Manager. Such services may include but are not limited to test borings, test pits, determinations of soil bearing values, percolation tests, evaluations of hazardous materials, ground corrosion and resistivity tests, including necessary operations for anticipating subsoil conditions, with reports and appropriate professional recommendations.

§ 3.1.4.4 Structural, mechanical, chemical, air and water pollution tests, tests for hazardous materials, and other laboratory and environmental tests, inspections and reports which are required by law.

§ 3.1.4.5 The services of other consultants when such services are reasonably required by the scope of the Project and are requested by the Construction Manager.

§ 3.2 OWNER'S DESIGNATED REPRESENTATIVE
The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner's approval or authorization. This representative shall have the authority to make decisions on behalf of the Owner concerning estimates and schedules, construction budgets, and changes in the Work, and shall render such decisions promptly and furnish information expeditiously, so as to avoid unreasonable delay in the services or Work of the Construction Manager. Except as otherwise provided in Section 4.2.1 of A201™–1997, the Architect does not have such authority.

§ 3.3 ARCHITECT

(Paragraph deleted)

§ 3.4 LEGAL REQUIREMENTS
The Owner shall determine and advise the Construction Manager of any special legal requirements relating specifically to the Project which differ from those generally applicable to construction in the jurisdiction of the Project. The Owner shall furnish such legal services as are necessary to provide the information and services required under Section 3.1.

ARTICLE 4 COMPENSATION AND PAYMENTS FOR PRECONSTRUCTION PHASE SERVICES

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The Owner shall compensate and make payments to the Construction Manager for Preconstruction Phase services as follows:

§ 4.1 COMPENSATION
§ 4.1.1 For the services described in Sections 2.1 and 2.2, the Construction Manager's compensation shall be calculated as follows:

Cost Plus a five percent (5%) fee as provided for in Article 6.

(State basis of compensation, whether a stipulated sum, multiple of Direct Personnel Expense, actual cost, etc. Include a statement of reimbursable cost items as applicable.)

§ 4.1.2
§ 4.1.3 If compensation is based on a multiple of Direct Personnel Expense, Direct Personnel Expense is defined as the direct salaries of the Construction Manager's personnel engaged in the Project and the portion of the cost of their mandatory and customary contributions and benefits related thereto, such as employment taxes and other statutory employee benefits, insurance, sick leave, holidays, vacations, pensions and similar contributions and benefits.

§ 4.2 PAYMENTS
§ 4.2.1 Payments shall be made monthly following presentation of the Construction Manager's invoice and, where applicable, shall be in proportion to services performed.

§ 4.2.2 Payments are due and payable Thirty (30) days from the date the Construction Manager's invoice is received by the Owner. Amounts unpaid after the date on which payment is due shall bear interest at the rate entered below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.
(Insert rate of interest agreed upon.)

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(Usury laws and requirements under the Federal Truth in Lending Act, similar state and local consumer credit laws and other regulations at the Owner's and Contractor's principal places of business, the location of the Project and elsewhere may affect the validity of this provision. Legal advice should be obtained with respect to deletions or modifications, and also regarding requirements such as written disclosures or waivers.)

ARTICLE 5 COMPENSATION FOR CONSTRUCTION PHASE SERVICES

The Owner shall compensate the Construction Manager for Construction Phase services as follows:

§ 5.1 COMPENSATION
§ 5.1.1 For the Construction Manager's performance of the Work as described in Section 2.3, the Owner shall pay the Construction Manager in current funds the Contract Sum consisting of the Cost of the Work as defined in Article 7 and the Construction Manager's Fee determined as follows:

Five (5%) percent of the cost of the work as adjusted by approved change orders.

(State a lump sum, percentage of actual Cost of the Work or other provision for determining the Construction Manager's Fee, and explain how the Construction Manager's Fee is to be adjusted for changes in the Work.)

§ 5.2 GUARANTEED MAXIMUM PRICE
§ 5.2.1 The sum of the Cost of the Work and the Construction Manager's Fee are guaranteed by the Construction Manager not to exceed the amount provided in Amendment No. 1, subject to additions and deductions by changes in the Work as provided in the Contract Documents. Such maximum sum as adjusted by approved changes in the Work is referred to in the Contract Documents as the Guaranteed Maximum Price. Costs which would cause the Guaranteed Maximum Price to be exceeded shall be paid by the Construction Manager without reimbursement by the Owner.

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The Owner and Construction Manager will share equally in any savings below the Guaranteed Maximum Price.

(Insert specific provisions if the Construction Manager is to participate in any savings.)

§ 5.3 CHANGES IN THE WORK

§ 5.3.1 Adjustments to the Guaranteed Maximum Price on account of changes in the Work subsequent to the execution of Amendment No. 1 may be determined by any of the methods listed in Section 7.3.3 of A201™–1997.

§ 5.3.2 In calculating adjustments to subcontracts (except those awarded with the Owner's prior consent on the basis of cost plus a fee), the terms "cost" and "fee" as used in Section 7.3.3.3 of A201™–1997 and the terms "costs" and "a reasonable allowance for overhead and profit" as used in Section 7.3.6 of A201™–1997 shall have the meanings assigned to them in that document and shall not be modified by this Article 5. Adjustments to subcontracts awarded with the Owner's prior consent on the basis of cost plus a fee shall be calculated in accordance with the terms of those subcontracts.

§ 5.3.3 In calculating adjustments to the Contract, the terms "cost" and "costs" as used in the above-referenced provisions of A201™–1997 shall mean the Cost of the Work as defined in Article 6 of this Agreement, and the term "and a reasonable allowance for overhead and profit" shall mean the Construction Manager's Fee as defined in Section 5.1.1 of this Agreement.

§ 5.3.4 If no specific provision is made in Section 5.1.1 for adjustment of the Construction Manager's Fee in the case of changes in the Work, or if the extent of such changes is such, in the aggregate, that application of the adjustment provisions of Section 5.1.1 will cause substantial inequity to the Owner or Construction Manager, the Construction Manager's Fee shall be equitably adjusted on the basis of the Fee established for the original Work.

ARTICLE 6 COST OF THE WORK FOR CONSTRUCTION PHASE

§ 6.1 COSTS TO BE REIMBURSED

§ 6.1.1 The term "Cost of the Work" shall mean costs necessarily incurred by the Construction Manager in the proper performance of the Work. Such costs shall be at rates not higher than those customarily paid at the place of the Project except with prior consent of the Owner. The Cost of the Work shall include only the items set forth in this Article 6.

§ 6.1.2 LABOR COSTS

.1 Wages of construction workers directly employed by the Construction Manager to perform the construction of the Work at the site or, with the Owner's agreement, at off-site workshops.

.2 Wages or salaries of the Construction Manager's supervisory and administrative personnel when stationed at the site with the Owner's agreement.

Classification	Name

(If it is intended that the wages or salaries of certain personnel stationed at the Construction Manager's principal office or offices other than the site office shall be included in the Cost of the Work, such personnel shall be identified below.)

.3 Wages and salaries of the Construction Manager's supervisory or administrative personnel engaged, at factories, workshops or on the road, in expediting the production or transportation of materials or equipment required for the Work, but only for that portion of their time required for the Work.

.4 Costs paid or incurred by the Construction Manager for taxes, insurance, contributions, assessments and benefits required by law or collective bargaining agreements, and, for personnel not covered by such agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, provided that such costs are based on wages and salaries included in the Cost of the Work under Sections 6.1.2.1 through 6.1.2.3.

§ 6.1.3 SUBCONTRACT COSTS

Payments made by the Construction Manager to Subcontractors in accordance with the requirements of the subcontracts.

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§ 6.1.4 COSTS OF MATERIALS AND EQUIPMENT INCORPORATED IN THE COMPLETED CONSTRUCTION

.1 Costs, including transportation, of materials and equipment incorporated or to be incorporated in the completed construction.

.2 Costs of materials described in the preceding Section 6.1.4.1 in excess of those actually installed but required to provide reasonable allowance for waste and for spoilage. Unused excess materials, if any, shall be handed over to the Owner at the completion of the Work or, at the Owner's option, shall be sold by the Construction Manager; amounts realized, if any, from such sales shall be credited to the Owner as a deduction from the Cost of the Work.

§ 6.1.5 COSTS OF OTHER MATERIALS AND EQUIPMENT, TEMPORARY FACILITIES AND RELATED ITEMS

.1 Costs, including transportation, installation, maintenance, dismantling and removal of materials, supplies, temporary facilities, machinery, equipment, and hand tools not customarily owned by the construction workers, which are provided by the Construction Manager at the site and fully consumed in the performance of the Work; and cost less salvage value on such items if not fully consumed, whether sold to others or retained by the Construction Manager. Cost for items previously used by the Construction Manager shall mean fair market value.

.2 Rental charges for temporary facilities, machinery, equipment and hand tools not customarily owned by the construction workers, which are provided by the Construction Manager at the site, whether rented from the Construction Manager or others, and costs of transportation, installation, minor repairs and replacements, dismantling and removal thereof. Rates and quantities of equipment rented shall be subject to the Owner's prior approval.

.3 Costs of removal of debris from the site.

.4 Reproduction costs, costs of telegrams, facsimile transmissions and long-distance telephone calls, postage and express delivery charges, telephone at the site and reasonable petty cash expenses of the site office.

.5 That portion of the reasonable travel and subsistence expenses of the Construction Manager's personnel incurred while traveling in discharge of duties connected with the Work.

§ 6.1.6 MISCELLANEOUS COSTS

.1 That portion directly attributable to this Contract of premiums for insurance and bonds. *(If charges for self-insurance are to be included, specify the basis of reimbursement.)*

.2 Sales, use or similar taxes imposed by a governmental authority which are related to the Work and for which the Construction Manager is liable.

.3 Fees and assessments for the building permit and for other permits, licenses and inspections for which the Construction Manager is required by the Contract Documents to pay.

.4 Fees of testing laboratories for tests required by the Contract Documents, except those related to nonconforming Work other than that for which payment is permitted by Section 6.1.8.2.

.5 Royalties and license fees paid for the use of a particular design, process or product required by the Contract Documents; the cost of defending suits or claims for infringement of patent or other intellectual property rights arising from such requirement by the Contract Documents; payments made in accordance with legal judgments against the Construction Manager resulting from such suits or claims and payments of settlements made with the Owner's consent; provided, however, that such costs of legal defenses, judgment and settlements shall not be included in the calculation of the Construction Manager's Fee or the Guaranteed Maximum Price and provided that such royalties, fees and costs are not excluded by the last sentence of Section 3.17.1 of A201™–1997 or other provisions of the Contract Documents.

.6 Data processing costs related to the Work.

.7 Deposits lost for causes other than the Construction Manager's negligence or failure to fulfill a specific responsibility to the Owner set forth in this Agreement.

.8 Legal, mediation and arbitration costs, other than those arising from disputes between the Owner and Construction Manager, reasonably incurred by the Construction Manager in the performance of the Work and with the Owner's written permission, which permission shall not be unreasonably withheld.

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.9 Expenses incurred in accordance with Construction Manager's standard personnel policy for relocation and temporary living allowances of personnel required for the Work, in case it is necessary to relocate such personnel from distant locations.

§ 6.1.7 OTHER COSTS

.1 Other costs incurred in the performance of the Work if and to the extent approved in advance in writing by the Owner.

§ 6.1.8 EMERGENCIES AND REPAIRS TO DAMAGED OR NONCONFORMING WORK

The Cost of the Work shall also include costs described in Section 6.1.1 which are incurred by the Construction Manager:

.1 In taking action to prevent threatened damage, injury or loss in case of an emergency affecting the safety of persons and property, as provided in Section 10.6 of A201™–1997.

.2 In repairing or correcting damaged or nonconforming Work executed by the Construction Manager or the Construction Manager's Subcontractors or suppliers, provided that such damaged or nonconforming Work was not caused by the negligence or failure to fulfill a specific responsibility to the Owner set forth in this agreement of the Construction Manager or the Construction Manager's foremen, engineers or superintendents, or other supervisory, administrative or managerial personnel of the Construction Manager, or the failure of the Construction Manager's personnel to supervise adequately the Work of the Subcontractors or suppliers, and only to the extent that the cost of repair or correction is not recoverable by the Construction Manager from insurance, Subcontractors or suppliers.

§ 6.1.9 The costs described in Sections 6.1.1 through 6.1.8 shall be included in the Cost of the Work notwithstanding any provision of AIA or A201™–1997 other Conditions of the Contract which may require the Construction Manager to pay such costs, unless such costs are excluded by the provisions of Section 6.2.

§ 6.2 COSTS NOT TO BE REIMBURSED

§ 6.2.1 The Cost of the Work shall not include:

.1 Salaries and other compensation of the Construction Manager's personnel stationed at the Construction Manager's principal office or offices other than the site office, except as specifically provided in Sections 6.1.2.2 and 6.1.2.3.

.2 Expenses of the Construction Manager's principal office and offices other than the site office, except as specifically provided in Section 6.1.

.3 Overhead and general expenses, except as may be expressly included in Section 6.1.

.4 The Construction Manager's capital expenses, including interest on the Construction Manager's capital employed for the Work.

.5 Rental costs of machinery and equipment, except as specifically provided in Section 6.1.5.2.

.6 Except as provided in Section 6.1.8.2, costs due to the negligence of the Construction Manager or to the failure of the Construction Manger to fulfill a specific responsibility to the Owner set forth in this Agreement.

.7 Costs incurred in the performance of Preconstruction Phase Services.

.8 Except as provided in Section 6.1.7.1, any cost not specifically and expressly described in Section 6.1.

.9 Costs which would cause the Guaranteed Maximum Price to be exceeded.

§ 6.3 DISCOUNTS, REBATES AND REFUNDS

§ 6.3.1 Cash discounts obtained on payments made by the Construction Manager shall accrue to the Owner if (1) before making the payment, the Construction Manager included them in an Application for Payment and received payment therefor from the Owner, or (2) the Owner has deposited funds with the Construction Manager with which to make payments; otherwise, cash discounts shall accrue to the Construction Manager. Trade discounts, rebates, refunds and amounts received from sales of surplus materials and equipment shall accrue to the Owner, and the Construction Manager shall make provisions so that they can be secured.

§ 6.3.2 Amounts which accrue to the Owner in accordance with the provisions of Section 6.3.1 shall be credited to the Owner as a deduction from the Cost of the Work.

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§ 6.4 ACCOUNTING RECORDS

§ 6.4.1 The Construction Manager shall keep full and detailed accounts and exercise such controls as may be necessary for proper financial management under this Contract; the accounting and control systems shall be satisfactory to the Owner. The Owner and the Owner's accountants shall be afforded access to the Construction Manager's records, books, correspondence, instructions, drawings, receipts, subcontracts, purchase orders, vouchers, memoranda and other data relating to this Project, and the Construction Manager shall preserve these for a period of three years after final payment, or for such longer period as may be required by law.

ARTICLE 7 CONSTRUCTION PHASE

§ 7.1 PROGRESS PAYMENTS

§ 7.1.1 Based upon Applications for Payment submitted by the Construction Manager, the Owner shall make progress payments on account of the Contract Sum to the Construction Manager as provided below and elsewhere in the Contract Documents.

§ 7.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

§ 7.1.3 Provided an Application for Payment is received by the Owner, the Owner shall make payment to the Construction Manager not later than thirty (30) days after receipt of an approved Application for Payment.

§ 7.1.4 With each Application for Payment, the Construction Manager shall submit payrolls, petty cash accounts, receipted invoices or invoices with check vouchers attached and any other evidence required by the Owner or Architect to demonstrate that cash disbursements already made by the Construction Manager on account of the Cost of the Work equal or exceed (1) progress payments already received by the Construction Manager; less (2) that portion of those payments attributable to the Construction Manager's Fee; plus (3) payrolls for the period covered by the present Application for Payment.

§ 7.1.5 Each Application for Payment shall be based upon the most recent schedule of values submitted by the Construction Manager in accordance with the Contract Documents. The schedule of values shall allocate the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Manager's Fee shall be shown as a single separate item. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Owner may require. This schedule shall be used as a basis for reviewing the Construction Manager's Applications for Payment.

§ 7.1.6 Applications for Payment shall show the percentage completion of each portion of the Work as of the end of the period covered by the Application for Payment. The percentage completion shall be the lesser of (1) the percentage of that portion of the Work which has actually been completed or (2) the percentage obtained by dividing (a) the expense which has actually been incurred by the Construction Manager on account of that portion of the Work for which the Construction Manager has made or intends to make actual payment prior to the next Application for Payment by (b) the share of the Guaranteed Maximum Price allocated to that portion of the Work in the schedule of values.

§ 7.1.7 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

.1 Take that portion of the Guaranteed Maximum Price properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Guaranteed Maximum Price allocated to that portion of the Work in the schedule of values. Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute may be included as provided in Section 7.3.8 of A201™–1997, even though the Guaranteed Maximum Price has not yet been adjusted by Change Order.

.2 Add that portion of the Guaranteed Maximum Price properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing.

.3 Add the Construction Manager's Fee, less retainage of Five percent (5.00%). The Construction Manager's Fee shall be computed upon the Cost of the Work described in the two preceding Sections

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at the rate stated in Section 5.1.1 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, shall be an amount which bears the same ratio to that fixed-sum Fee as the Cost of the Work in the two preceding Sections bears to a reasonable estimate of the probable Cost of the Work upon its completion.

.4 Subtract the aggregate of previous payments made by the Owner.

.5 Subtract the shortfall, if any, indicated by the Construction Manager in the documentation required by Section 7.1.4 to substantiate prior Applications for Payment, or resulting from errors subsequently discovered by the Owner's accountants in such documentation.

.6 Subtract amounts, if any, for which the Owner has withheld or nullified a Certificate for Payment as provided in Section 9.5 of A201™–1997.

§ 7.1.8 Except with the Owner's prior approval, payments to Subcontractors shall be subject to retention of not less than Five percent (5.00%). The Owner and the Construction Manager shall agree upon a mutually acceptable procedure for review and approval of payments and retention for subcontracts.

§ 7.1.9 Except with the Owner's prior approval, the Construction Manager shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 7.1.10 In taking action on the Construction Manager's Applications for Payment, the Owner shall be entitled to rely on the accuracy and completeness of the information furnished by the Construction Manager and shall not be deemed to represent that the Owner has made a detailed examination, audit or arithmetic verification of the documentation submitted in accordance with Section 7.1.4 or other supporting data, that the Owner has made exhaustive or continuous on-site inspections or that the Owner has made examinations to ascertain how or for what purposes the Construction Manager has used amounts previously paid on account of the Contract. Such examinations, audits and verifications, if required by the Owner, will be performed by the Owner's accountants acting in the sole interest of the Owner.

§ 7.2 FINAL PAYMENT

§ 7.2.1 Final payment shall be made by the Owner to the Construction Manager when (1) the Contract has been fully performed by the Construction Manager except for the Construction Manager's responsibility to correct nonconforming Work, as provided in Section 12.2.2 of A201™–1997, and to satisfy other requirements, if any, which necessarily survive final payment; (2) a final Application for Payment and a final accounting for the Cost of the Work have been submitted by the Construction Manager and reviewed by the Owner's accountants; such final payment shall be made by the Owner not more than 30 days after receipt of final Application for Payment, or as follows:

§ 7.2.2 The amount of the final payment shall be calculated as follows:

.1 Take the sum of the Cost of the Work substantiated by the Construction Manager's final accounting and the Construction Manager's Fee, but not more than the Guaranteed Maximum Price.

.2 Subtract amounts, if any, for which the Architect withholds, in whole or in part, a final Certificate for Payment as provided in Section 9.5.1 of A201™–1997 or other provisions of the Contract Documents.

.3 Subtract the aggregate of previous payments made by the Owner.

If the aggregate of previous payments made by the Owner exceeds the amount due the Construction Manager, the Construction Manager shall reimburse the difference to the Owner.

§ 7.2.3 The Owner's accountants will review and report in writing on the Construction Manager's final accounting within 30 days after delivery of the final accounting to the Owner by the Construction Manager. Based upon such Cost of the Work as the Owner's accountants report to be substantiated by the Construction Manager's final accounting, and provided the other conditions of Section 7.2.1 have been met, the Owner will, within seven days after receipt of the written report of the Owner's accountants, either issue a final Certificate for Payment with a copy to the Construction Manager or notify the Construction Manager in writing of the reasons for withholding a certificate as provided in Section 9.5.1 of A201™–1997 . The time periods stated in this Section 7.2 supersede those stated in Section 9.4.1 of A201™–1997.

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§ 7.2.4 If the Owner's accountants report the Cost of the Work as substantiated by the Construction Manager's final accounting to be less than claimed by the Construction Manager, the Construction Manager shall be entitled to proceed in accordance with Article 9 without a further decision of the Architect. Unless agreed to otherwise, a demand for mediation or arbitration of the disputed amount shall be made by the Construction Manager within 60 days after the Construction Manager's receipt of a copy of the final Certificate for Payment. Failure to make such demand within this 60-day period shall result in the substantiated amount reported by the Owner's accountants becoming binding on the Construction Manager. Pending a final resolution of the disputed amount, the Owner shall pay the Construction Manager the amount certified in the final Certificate for Payment.

§ 7.2.5 If, subsequent to final payment and at the Owner's request, the Construction Manager incurs costs described in Section 6.1 and not excluded by Section 6.2 (1) to correct nonconforming Work or (2) arising from the resolution of disputes, the Owner shall reimburse the Construction Manager such costs and the Construction Manager's Fee, if any, related thereto on the same basis as if such costs had been incurred prior to final payment, but not in excess of the Guaranteed Maximum Price. If the Construction Manager has participated in savings, the amount of such savings shall be recalculated and appropriate credit given to the Owner in determining the net amount to be paid by the Owner to the Construction Manager.

ARTICLE 8 INSURANCE AND BONDS

§ 8.1 INSURANCE REQUIRED OF THE CONSTRUCTION MANAGER

During both phases of the Project, the Construction Manager shall purchase and maintain insurance as set forth in Section 11.1 of A201™–1997. Such insurance shall be written for not less than the following limits, or greater if required by law:

§ 8.1.1 Workers' Compensation and Employers' Liability meeting statutory limits mandated by state and federal laws. If (1) limits in excess of those required by statute are to be provided, or (2) the employer is not statutorily bound to obtain such insurance coverage or (3) additional coverages are required, additional coverages and limits for such insurance shall be as follows:

§ 8.1.2 Commercial General Liability including coverage for Premises-Operations, Independent Contractors' Protective, Products-Completed Operations, Contractual Liability, Personal Injury and Broad Form Property Damage (including coverage for Explosion, Collapse and Underground hazards): R. H. White Construction Co., Inc.'s standard limits will be provided.

Each Occurrence
General Aggregate
Personal and Advertising Injury
Products-Completed Operations Aggregate

.1 The policy shall be endorsed to have the General Aggregate apply to this Project only.
.2 Products and Completed Operations insurance shall be maintained for a minimum period of at least ( ) year(s) after either 90 days following Substantial Completion or final payment, whichever is earlier.
.3 The Contractual Liability insurance shall include coverage sufficient to meet the obligations in Section 3.18 of A201™–1997.

§ 8.1.3 Automobile Liability (owned, non-owned and hired vehicles) for bodily injury and property damage:
Each Accident

§ 8.1.4 Other coverage:

(If Umbrella Excess Liability coverage is required over the primary insurance or retention, insert the coverage limits. Commercial General Liability and Automobile Liability limits may be attained by individual policies or by a

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combination of primary policies and Umbrella and/or Excess Liability policies. If Project Management Protective Liability Insurance is to be provided, state the limits here.)

§ 8.2 INSURANCE REQUIRED OF THE OWNER
During both phases of the Project, the Owner shall purchase and maintain liability and property insurance, including waivers of subrogation, as set forth in Sections 11.2 and 11.4 of A201™–1997. Such insurance shall be written for not less than the following limits, or greater if required by law:

§ 8.2.1 Property Insurance:
Deductible Per Occurrence
Aggregate Deductible

§ 8.2.2 Boiler and Machinery insurance with a limit of:
(If not a blanket policy, list the objects to be insured.)

§ 8.3 PERFORMANCE BOND AND PAYMENT BOND
§ 8.3.1 The Construction Manager shall not (Insert "shall" or "shall not") furnish bonds covering faithful performance of the Contract and payment of obligations arising thereunder. Bonds may be obtained through the Construction Manager's usual source, and the cost thereof shall be included in the Cost of the Work. The amount of each bond shall be equal to ( ) of the Contract Sum.

§ 8.3.2 The Construction Manager shall deliver the required bonds to the Owner at least three days before the commencement of any Work at the Project site.

ARTICLE 9 MISCELLANEOUS PROVISIONS
§ 9.1 DISPUTE RESOLUTION
§ 9.1.1 During both the Preconstruction and Construction Phases, Claims, disputes or other matters in question between the parties to this Agreement shall be resolved as provided in Sections 4.3 through 4.6 of A201™–1997.

§ 9.2 OTHER PROVISIONS
§ 9.2.1 Unless otherwise noted, the terms used in this Agreement shall have the same meaning as those in A201™–1997, *General Conditions of the Contract for Construction.*

§ 9.2.2 EXTENT OF CONTRACT
This Contract, which includes this Agreement and the other documents incorporated herein by reference, represents the entire and integrated agreement between the Owner and the Construction Manager and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the Owner and Construction Manager. If anything in any document incorporated into this Agreement is inconsistent with this Agreement, this Agreement shall govern.

§ 9.2.3 OWNERSHIP AND USE OF DOCUMENTS
Article 1.6 of A201™–1997 shall apply to both the Preconstruction and Construction Phases.

§ 9.2.4 GOVERNING LAW
The Contract shall be governed by the law of the place where the Project is located.

§ 9.2.5 ASSIGNMENT
The Owner and Construction Manager respectively bind themselves, their partners, successors, assigns and legal representatives to the other party hereto and to partners, successors, assigns and legal representatives of such other party in respect to covenants, agreements and obligations contained in the Contract Documents. Except as provided in Section 13.2.2 of A201™–1997, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make such an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

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ARTICLE 10 TERMINATION OR SUSPENSION

§ 10.1 TERMINATION PRIOR TO ESTABLISHING GUARANTEED MAXIMUM PRICE

§ 10.1.1 Prior to execution by both parties of Amendment No. 1 establishing the Guaranteed Maximum Price, the Owner may terminate this Contract at any time without cause, and the Construction Manager may terminate this Contract for any of the reasons described in Section 14.1.1 of A201™–1997.

§ 10.1.2 If the Owner or Construction Manager terminates this Contract pursuant to this Section 10.1 prior to commencement of the Construction Phase, the Construction Manager shall be equitably compensated for Preconstruction Phase Services performed prior to receipt of notice of termination; provided, however, that the compensation for such services shall not exceed the compensation set forth in Section 4.1.1.

§ 10.1.3 If the Owner or Construction Manager terminates this Contract pursuant to this Section 10.1 after commencement of the Construction Phase, the Construction Manager shall, in addition to the compensation provided in Section 10.1.2, be paid an amount calculated as follows:

.1 Take the Cost of the Work incurred by the Construction Manager.

.2 Add the Construction Manager's Fee computed upon the Cost of the Work to the date of termination at the rate stated in Section 5.1 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, an amount which bears the same ratio to that fixed-sum Fee as the Cost of the Work at the time of termination bears to a reasonable estimate of the probable Cost of the Work upon its completion.

.3 Subtract the aggregate of previous payments made by the Owner on account of the Construction Phase.

The Owner shall also pay the Construction Manager fair compensation, either by purchase or rental at the election of the Owner, for any equipment owned by the Construction Manager which the Owner elects to retain and which is not otherwise included in the Cost of the Work under Section 10.1.3.1. To the extent that the Owner elects to take legal assignment of subcontracts and purchase orders (including rental agreements), the Construction Manager shall, as a condition of receiving the payments referred to in this Article 10, execute and deliver all such papers and take all such steps, including the legal assignment of such subcontracts and other contractual rights of the Construction Manager, as the Owner may require for the purpose of fully vesting in the Owner the rights and benefits of the Construction Manager under such subcontracts or purchase orders.

Subcontracts, purchase orders and rental agreements entered into by the Construction Manager with the Owner's written approval prior to the execution of Amendment No. 1 shall contain provisions permitting assignment to the Owner as described above. If the Owner accepts such assignment, the Owner shall reimburse or indemnify the Construction Manager with respect to all costs arising under the subcontract, purchase order or rental agreement except those which would not have been reimbursable as Cost of the Work if the contract had not been terminated. If the Owner elects not to accept the assignment of any subcontract, purchase order or rental agreement which would have constituted a Cost of the Work had this agreement not been terminated, the Construction Manager shall terminate such subcontract, purchase order or rental agreement and the Owner shall pay the Construction Manager the costs necessarily incurred by the Construction Manager by reason of such termination.

§ 10.2 TERMINATION SUBSEQUENT TO ESTABLISHING GUARANTEED MAXIMUM PRICE

Subsequent to execution by both parties of Amendment No. 1, the Contract may be terminated as provided in Article 14 of A201™–1997.

§ 10.2.1 In the event of such termination by the Owner, the amount payable to the Construction Manager pursuant to Section 14.1.3 of A201™–1997 shall not exceed the amount the Construction Manager would have been entitled to receive pursuant to Sections 10.1.2 and 10.1.3 of this Agreement.

§ 10.2.2 In the event of such termination by the Construction Manager, the amount to be paid to the Construction Manager under Section 14.1.3 of A201™–1997 shall not exceed the amount the Construction Manager would have been entitled to receive under Sections 10.1.2 and 10.1.3 above, except that the Construction Manager's Fee shall be calculated as if the Work had been fully completed by the Construction Manager, including a reasonable estimate of the Cost of the Work for Work not actually completed.

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§ 10.3 SUSPENSION

The Work may be suspended by the Owner as provided in Article 14 of A201™–1997; in such case, the Guaranteed Maximum Price, if established, shall be increased as provided in Section 14.3.2 of A201™–1997 except that the term "cost of performance of the Contract" in that Section shall be understood to mean the Cost of the Work and the term "profit" shall be understood to mean the Construction Manager's Fee as described in Sections 5.1.1 and 5.3.4 of this Agreement.

ARTICLE 11 OTHER CONDITIONS AND SERVICES

This Agreement entered into as of the day and year first written above.

OWNER	CONSTRUCTION MANAGER
(Signature)	*(Signature)*
Henry Papuga, Manager	Thomas H. Descoteaux, Vice President
(Printed name and title)	*(Printed name and title)*
8/19/2004	8-02-04
Date	Date
ATTEST	ATTEST

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AIA® Document A121™CMc – 2003
Amendment No. 1

AMENDMENT NO. 1
TO AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

Pursuant to Section 2.2 of the Agreement, dated between Milford Water Company (Owner) and R. H. White Construction Co., Inc. (the Construction Manager), for Milford Water Project per attached Scope dated July 22, 2004 (the Project), the Owner and Construction Manager establish a Guaranteed Maximum Price and Contract Time for the Work as set forth below.

ARTICLE I GUARANTEED MAXIMUM PRICE

The Construction Manager's Guaranteed Maximum Price for the Work, including the estimated Cost of the Work as defined in Article 6 and the Construction Manager's Fee as defined in Article 5, is Fifty Thousand Seven Hundred Dollars and Zero Cents ($50,700.00). This Price is for the performance of the Work in accordance with the Contract Documents listed and attached to this Amendment and marked Exhibits A:

Exhibit A Project Outline Scope of Work with price breakdown by work item, pages 1 through 1 , dated 07/22/2004 .

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

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ARTICLE II CONTRACT TIME

The date of Substantial Completion established by this Amendment is:

OWNER	CONSTRUCTION MANAGER
(Signature)	(Signature)
ANTHONY C. TAPUGAY, MANAGER	THOMAS H. DEFLUTERIAN
(Printed name and title)	(Printed name and title)
8/19/2004	8-07-07
Date	Date
ATTEST	ATTEST

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MILFORD WATER PROJECT SCOPE
7/22/2004

1. Clear Well #2

   - Demolition and removal of existing structure
   - Construction of wood cap with EDPM roof and Bilco Hatch
   - Paint exposed trim to match existing

   GMP $7200

2. New Garage O.H. Door

   - Remove and dispose of existing door
   - Replace with 14' x 11' series 426 steel door

   GMP $1850

3. Roofing left side of Garage Roof and Back side of Pump Station

   - Removal and Disposal of existing material
   - Replace with 3 tab shingles to match existing

   GMP $7500

4. Garage Wall Repair

   - Demo, Rebuild and Reside Garage wall as needed
     (Tree Removal by Owner)

   GMP $18,200

5. Masonry Repair/Down Spouts as Needed (1 week) **GMP $3200**

6. Remove and Replace clapboard with vinyl siding at Office (Sub) **GMP $12,750**

   50,700

   - Strip old wood clap board siding and dispose
   - Provide and install vinyl siding
   - Cover trim boards with Alcoa Trim Coil White
   - Use Mastic Barkwood siding Full Gage wood grain siding

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 001	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 9/17/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Original Scope and Pricing for Work per Tata & Howard Plan

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	0.00
The Contract Sum prior to this Change Order was	$	50,700.00
The Contract Sum will be increased by this Change Order in the amount of	$	135,215.00
The new Contract Sum including this Change Order will be	$	185,915.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
DATE	9/22/04 DATE	AS OF 9/23/2004 DATE

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Change Order

PROJECT *(Name and address)*: Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	CHANGE ORDER NUMBER: 002 DATE: 10/08/2004	OWNER: ☐ ARCHITECT: ☐ CONTRACTOR: ☐
TO CONTRACTOR *(Name and address)*: R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	ARCHITECT'S PROJECT NUMBER: CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	FIELD: ☐ OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
DEP Permit

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	135,215.00
The Contract Sum prior to this Change Order was	$	185,915.00
The Contract Sum will be increased by this Change Order in the amount of	$	1,205.00
The new Contract Sum including this Change Order will be	$	187,120.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
(Typed name)	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	10/12/04 DATE	AS OF 10/14/2004 DATE

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R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Removal of Media from Filter #2

Date: 10/8/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	Titan Contractors	$26,000.00	Remove all Media from Well
2.	C&K Construction	$34,109.00	Remove all Media from Well
3.	LRC Development	$37,500.00	Remove all Media from Well

Comments: Walked with Subs on 9-19-04.

It is our recommendation that the subcontract to be issued to Titan Contractors.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 10/8/04

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: _____
Date: AS OF 10/14/2004

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 003	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 10/12/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Removal of Media from Filter #2

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	136,420.00
The Contract Sum prior to this Change Order was	$	187,120.00
The Contract Sum will be increased by this Change Order in the amount of	$	26,000.00
The new Contract Sum including this Change Order will be	$	213,120.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
	10/14/04	AS OF 10/14/2004
DATE	DATE	DATE

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R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Echo Lake Dam Repair

Date: 10/8/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	R.H.White	$37,750.00	Work per Scope Provided.
2.	JMS Contractors	$43,555.00	Work per Scope Provided.
3.	P&E Construction	$46,000.00	Work per Scope Provided.

Comments: Walked with Bidders on 10-1-04.

It is our recommendation that the subcontract to be issued to R.H.White Construction.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: [signature]
Date: 10/8/04

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: [signature]
Date: AS OF 10/14/2004

AIA® Document G701™ – 2001

Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 004	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 10/15/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Replace Flashboards at Echo Lake and clear all brush and small trees at Echo Dam Spillway.
Scope of work includes:
Removal of all existing flashboards
Sanding and repaint all stanchions and angles
Replace all 2x6 with PT lumber
Replace all 4x6 with Douglas Fir
Replace all U-bolts with Galvanized U-bolts
Clear all brush and small trees
Removal of all rubbish from the site
Place filter fabric and stone in front of dam Area

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	162,420.00
The Contract Sum prior to this Change Order was	$	213,120.00
The Contract Sum will be increased by this Change Order in the amount of	$	37,750.00
The new Contract Sum including this Change Order will be	$	250,870.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	10/22/04 DATE	AS OF 10/25/2004 DATE

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User Notes: (3237002487)

R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Remove and Replace CW #1

Date: 10/14/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	R.H.White	$15,500.00	Work per Scope Provided.
2.	Capital Siding	$18,000.00	Work per Scope Provided.
3.	Applied Roofing	$9,600.00*	Work per Scope Provided.

Comments: Applied Roofing's quote did not include demolition and removal of the existing structure or purchase and instillation new steel door required. Including this cost would have been about $6-7000

It is our recommendation that the subcontract to be issued to R.H.White Construction which has the lowest price when comparing total scope.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 10/14/04

Approved:
Milford Water Company
66 Dilla Street

By: _____
Date: AS OF 10/25/2004

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 005	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 10/21/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Rebuild or Cap Clear Wells:
Clear Well #1 Remove and Replace existing structure (includes price for siding)

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	200,170.00
The Contract Sum prior to this Change Order was	$	250,870.00
The Contract Sum will be increased by this Change Order in the amount of	$	17,924.00
The new Contract Sum including this Change Order will be	$	268,794.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
DATE	10/22/04 DATE	AS OF 10/25/2004 DATE

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User Notes: (419329941)

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Change Order

PROJECT *(Name and address)*:	**CHANGE ORDER NUMBER:** 006	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	**DATE:** 10/26/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	**ARCHITECT'S PROJECT NUMBER:**	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	**CONTRACT DATE:** August 08, 2004 **CONTRACT FOR:** Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Garage Wall Repair - additional work

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	218,094.00
The Contract Sum prior to this Change Order was	$	268,794.00
The Contract Sum will be increased by this Change Order in the amount of	$	4,000.00
The new Contract Sum including this Change Order will be	$	272,794.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
DATE	11-2-04 DATE	AS OF 11/05/2004 DATE

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User Notes: (2048994548)

R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Remove and Replace Damage Area
On West Pine street Garage

Date: 11/2/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	Capitol Siding	$12,556.00	Work per Scope Provided.
2.	Applied Roofing	$13,125.00	Work per Scope Provided.
3.	RH White	$15,450.00	Work per Scope Provided.

Comments: Work was walked with Applied and Capitol Siding on 10/26/04.

It is our recommendation that the subcontract to be issued to Capitol Siding, which has the lowest bid.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: [signature]
Date: 11/2/04

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: [signature]
Date: AS OF 11/05/2004

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 007	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 11/03/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Repair Roof on Garage at West Pine Street

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	222,094.00
The Contract Sum prior to this Change Order was	$	272,794.00
The Contract Sum will be increased by this Change Order in the amount of	$	12,556.00
The new Contract Sum including this Change Order will be	$	285,350.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	11/12/04 DATE	AS OF 11/16/2004 DATE

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 008	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 11/09/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Additional costs:

Steel Doors for Clearwells #1 and #3	$1,916
Gutters at new Garage	661
Initial Design of Drainage Issues	667
Design and Clearing of location for office (not billed)	3,029

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	234,650.00
The Contract Sum prior to this Change Order was	$	285,350.00
The Contract Sum will be increased by this Change Order in the amount of	$	6,273.00
The new Contract Sum including this Change Order will be	$	291,623.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
	11/12/04	AS OF 11/16/2004
DATE	DATE	DATE

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R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Powerwash of Walls and Floors of SSF#2

Date: 11/2/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	Clean Harbors	$10,272.00	Powerwash Walls and Floors.
2.	F.W.T. Services	$12,900.00	Powerwash Walls and Floors.
3.	R.H.White	$15,550.00	Powerwash Walls and Floors.

Comments:

It is our recommendation that the subcontract to be issued to Clean Harbors, the low bidder.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 11/2/04

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: _____
Date: AS OF 11/16/2004

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 009	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 11/09/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Power Washing of Walls and Floor for Filter #2

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	240,923.00
The Contract Sum prior to this Change Order was	$	291,623.00
The Contract Sum will be increased by this Change Order in the amount of	$	10,272.00
The new Contract Sum including this Change Order will be	$	301,895.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
	11/12/04	AS OF 11/16/2004
DATE	DATE	DATE

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R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Crack Injection of SSF #2

Date: 11/2/04

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	F.W.T. Services	$850/day + Material	5 day estimate to stop leaks.
2.	Acme Waterproofing	$1650/day + Material	5 day estimate to stop leaks.
3.	Crack X	$1300/day + Material	5 day estimate to stop leaks.

Comments: All material prices were within 5%. Time will be monitored by RHW superintendent and any additional work beyond 5 days will be done only after written approval.

It is our recommendation that the subcontract to be issued to F.W.T. Services, the low bidder.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 11/2/04

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: _____
Date: AS OF 11/16/2004

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 010	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 11/11/2004	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Cost of Crack Injection (includes initial leak stoppage)

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	251,195.00
The Contract Sum prior to this Change Order was	$	301,895.00
The Contract Sum will be increased by this Change Order in the amount of	$	13,099.00
The new Contract Sum including this Change Order will be	$	314,994.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	11/12/04 DATE	AS OF 11/16/2004 DATE

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Change Order

PROJECT *(Name and address)*: Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	CHANGE ORDER NUMBER: 011 DATE: 02/10/2005	OWNER: ☒ ARCHITECT: ☐ CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*: R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	ARCHITECT'S PROJECT NUMBER: CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	FIELD: ☐ OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Steel Door for Filter #2

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	264,294.00
The Contract Sum prior to this Change Order was	$	314,994.00
The Contract Sum will be increased by this Change Order in the amount of	$	980.00
The new Contract Sum including this Change Order will be	$	315,974.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	2/16/05 DATE	AS OF 2/14/2005 DATE

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User Notes: (3670531026)

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 012	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 02/10/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Addition of Butterfly Valve

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	265,274.00
The Contract Sum prior to this Change Order was	$	315,974.00
The Contract Sum will be increased by this Change Order in the amount of	$	1,278.00
The new Contract Sum including this Change Order will be	$	317,252.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	2/16/05 DATE	AS OF 2/16/2005 DATE

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User Notes: (3820455472)

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Change Order

PROJECT *(Name and address)*:	**CHANGE ORDER NUMBER:** 013	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	**DATE:** 02/10/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	**ARCHITECT'S PROJECT NUMBER:**	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	**CONTRACT DATE:** August 08, 2004 **CONTRACT FOR:** Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
5% fee on changes only

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	266,552.00
The Contract Sum prior to this Change Order was	$	317,252.00
The Contract Sum will be increased by this Change Order in the amount of	$	1,342.00
The new Contract Sum including this Change Order will be	$	318,594.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	R. H. White Construction Co., Inc.	Milford Water Company
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
	41 Central Street, Auburn, MA 01501	66 Dilla Street
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A	Larry Scott Lee	Henry C. Papuga
(Typed name)	*(Typed name)*	*(Typed name)*
DATE	2/16/05 DATE	AS OF 2/16/2005 DATE

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User Notes: (2723724583)

R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Garage Roofing West Side and Flat Roof

Date: 2/2/08

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	Applied Roofing	$13,297.00	Flat Roof and ½ of Garage Roof
2.	Capitol Siding	$13,900.00	Flat Roof and ½ of Garage Roof
3.	Jacevicius Roofing	No bid	Flat Roof and ½ of Garage Roof

Comments: Due to closeness of the two received bids and the necessity of completing the work to prevent further damage to the new wall we recommend moving forward with the low bidder.

It is our recommendation that the subcontract to be issued to Applied Roofing, the low bidder.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 2/2/08

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: _____
Date: AS OF 2/16/2008

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 014	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 02/18/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Flat roof and side of Garage

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	267,894.00
The Contract Sum prior to this Change Order was	$	318,594.00
The Contract Sum will be increased by this Change Order in the amount of	$	13,297.00
The new Contract Sum including this Change Order will be	$	331,891.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	2/28/05 DATE	AS OF 2/28/2005 DATE

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 015	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 02/25/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
General Conditions on Miscellaneous Projects

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	281,191.00
The Contract Sum prior to this Change Order was	$	331,891.00
The Contract Sum will be increased by this Change Order in the amount of	$	10,290.00
The new Contract Sum including this Change Order will be	$	342,181.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	2/28/05 DATE	AS OF 2/28/2005 DATE

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Change Order

PROJECT *(Name and address)*: Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	CHANGE ORDER NUMBER: 016 DATE: 02/25/2005	OWNER: ☒ ARCHITECT: ☐ CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*: R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	ARCHITECT'S PROJECT NUMBER: CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	FIELD: ☐ OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
5% Fee

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	291,481.00
The Contract Sum prior to this Change Order was	$	342,181.00
The Contract Sum will be increased by this Change Order in the amount of	$	7,640.00
The new Contract Sum including this Change Order will be	$	349,821.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	2/28/05 DATE	AS OF 2/28/2005 DATE

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 017	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 3/24/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Break Room Project - includes 5% fee
- Oil tank relocation

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	299,121.00
The Contract Sum prior to this Change Order was	$	349,821.00
The Contract Sum will be increased by this Change Order in the amount of	$	86,005.00
The new Contract Sum including this Change Order will be	$	435,826.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
N/A *(Typed name)*	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	4/7/05 DATE	AS OF 4/7/2005 DATE

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Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 018	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 4/04/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Oil Tank Relocation

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	377,486.00
The Contract Sum prior to this Change Order was	$	428,186.00
The Contract Sum will be increased by this Change Order in the amount of	$	2,323.00
The new Contract Sum including this Change Order will be	$	430,509.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
(Typed name)	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	4/7/05 DATE	AS OF 4/7/2005 DATE

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R H WHITE CONSTRUCTION CO., INC.
A DIVISION OF R H WHITE COMPANIES, INC.
41 CENTRAL STREET - P.O. BOX 404
AUBURN, MASSACHUSETTS 01501
TEL 508-832-3295
FAX 508-832-7084

TABULATION OF BIDS FOR :
Clear and Paint Garage Area

Date: 3/23/05

Project: Miscellaneous Construction Management Projects
For Milford Water Company
66 Dilla Street
Milford, MA 01757

Bid Documents: Per Scope Provided

	VENDOR	AMOUNT	SCOPE
1.	Egan Painting	$13,000.00	Clear and Apply 1 & 2 coats
2.	Alex Johns Painting	$12,200.00	Clear and Apply 1 & 2 coats
3.	RH White	$15,500.00	Clear and Apply 1 & 2 coats

Comments: Area was walked with each subcontract by RHW superintendent.

It is our recommendation that the subcontract to be issued to Egan Painting due to the lack of availability of Alex Johns painting within the next 6 weeks.

Submitted:
R.H. White Construction Co., Inc.
41 Central Street
Auburn, MA 01501

By: _____
Date: 3/23/05

Approved:
Milford Water Company
66 Dilla Street
Milford, MA 01757

By: _____
Date: AS OF 3/23/2005

AIA® Document G701™ – 2001

Change Order

PROJECT *(Name and address)*:	CHANGE ORDER NUMBER: 019	OWNER: ☒
Milford Water Project per attached Scope dated July 22, 2004 66 Dilla Street, Milford, MA 01757	DATE: 4/14/2005	ARCHITECT: ☐
		CONTRACTOR: ☒
TO CONTRACTOR *(Name and address)*:	ARCHITECT'S PROJECT NUMBER:	FIELD: ☐
R. H. White Construction Co., Inc. 41 Central Street Auburn, MA 01501	CONTRACT DATE: August 08, 2004 CONTRACT FOR: Milford Water Company	OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
Painting and cleaning of Garage

The original Contract Sum was	$	50,700.00
The net change by previously authorized Change Orders	$	379,809.00
The Contract Sum prior to this Change Order was	$	430,509.00
The Contract Sum will be increased by this Change Order in the amount of	$	13,000.00
The new Contract Sum including this Change Order will be	$	443,509.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract ~~Sum,~~ Sum and Contract Time ~~or Guaranteed Maximum Price~~ which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	R. H. White Construction Co., Inc. CONTRACTOR *(Firm name)*	Milford Water Company OWNER *(Firm name)*
ADDRESS	41 Central Street, Auburn, MA 01501 ADDRESS	66 Dilla Street ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
(Typed name)	Larry Scott Lee *(Typed name)*	Henry C. Papuga *(Typed name)*
DATE	4/15/05 DATE	AS OF 9/15/2005 DATE

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COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE
FIRST SET OF INFORMATION REQUESTS OF THE
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY
SETTLEMENT INTERVENTION STAFF
DTE 05-61

Respondent: Henry C. Papuga
Response Date: December 13, 2005

SIS 1-32 Refer the page 8 of the prefiled testimony of Mr. Alcott. Please provide Milford's current charges for: (1) turn on/turn off charges; (2) meter test fees; (3) return check fees; (4) cross-connection testing fees; (5) broken meter seal fees; and (6) permit fees/charges for use of a public hydrant.

Response: The current charges for the above items are as follows:

1. **Turn on/turn off charges - $ 40.00/hr (labor)**
2. **Meter test fee - $ 40.00/hr (labor)**
3. **Return check fee - $ 10.00 per check**
4. **Cross connection test fee - $ 35.00 per device**
5. **Broken meter seal - No charge**
6. **Use of public hydrant - $ 40.00 per hour to set meter plus cost of water**

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE
FIRST SET OF INFORMATION REQUESTS OF THE
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY
SETTLEMENT INTERVENTION STAFF
DTE 05-61

SIS 1-24 Refer the page 7 of the prefiled testimony of Mr. Alcott. Please provide all correspondence between Milford and the DEP regarding the March 9, 2005 Comprehensive Compliance Evaluation.

Supplemental Response: Attached is a letter dated June 24, 2005 from the Company to DEP that was not included in the original response.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

MILFORD WATER COMPANY RESPONSES TO THE
FIRST SET OF INFORMATION REQUESTS OF THE
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY
SETTLEMENT INTERVENTION STAFF
DTE 05-61

Respondent: Henry C. Papuga
Response Date: December 13, 2005

SIS 1-33 Refer the page 8 of the prefiled testimony of Mr. Alcott. Please provide, for each year 2001 through 2004, the number of times the following fees have been imposed on Milford's ratepayers: (1) turn on/turn off charges; (2) meter test fees; (3) return check fees; (4) cross-connection testing fees; (5) broken meter seal fees; and (6) permit fees/charges for use of a public hydrant.

Response: Please see the attached Excel report providing the specific information as requested.

ATTACHMENT SIS 1-33

		Year			
No.	**Description**	**2001**	**2002**	**2003**	**2004**
1	turn on/turn off charge	none	none	none	none
2	meter test fee	none	none	none	none
3	return check fee	unknown	41	62	44
4	cross-connection test fee	409	518	587	466
5	broken meter seal fee	none	none	none	none
6	permit fee/charge for hydrant use	unknown	unknown	14	12

Attachment SIS 1– 24

MILFORD WATER COMPANY

Progressive Public Service for Over 100 Years

June 24, 2005

Department of Environmental Protection
Central Regional Office
627 Main Street
Worcester, MA 01608

Attention: Paul R. Anderson, Section Chief

Subject: Milford Water Company – Board of Director's:
Creation of Reserve Water Capacity
per CCE directive dated 12/04/04

Dear Sir:

Because of the real and perceived water supply problems, the Milford Water Co. (MWC) Board of Directors commissioned Metcalf and Eddy in 1997 to provide the Company with a master plan, which would address the water supply challenges facing the Company over the next 20 years.

M & E's report indicated that there were no new ground water supply possibilities after extensive town-wide testing for ground water. By default, this left only surface water as a source to add supply, and recommended two options:

1. Divert overflows from Louisa Lake and pump them back to Echo Lake. This simple strategy increased the firm yield of Echo Lake from .84 mgd to 1.43 mgd, an increase of 70%!

   Because Louisa Lake (use of which was permitted by the DEP in 1973) had not been used as a MWC water supply for over 5 years, the DEP required that it be subjected to a new source approval process. M & E was engaged for this purpose, and the MWC expended $629,000. to comply with every requirement for new source approval. Despite this, the DEP has still not approved the project, which would add .59 mgd of water to the MWC distribution system.

   The MWC system has averaged 100 new water connections per year for the past 5 years, and it has been increasingly evident that the Company needs new sources of supply. Faced with these facts, the Board of Directors has engaged counsel to pursue the use of Louisa Lake's overflow waters.

66 Dilla Street • Milford, Massachusetts 01757-1104 • 508-473-5110 • Fax 508-478-7997

2. Option #2 was to raise the dam at Echo Lake to elevation 370 (from 353.6), which would increase the firm yield of Echo Lake by .75 mgd. However, this is a long range option because of the great expense associated with raising the dam 16.4 feet. The land taking for this option has already been accomplished.

3. On their own, the MWC pursued an Option #3. They polled the adjacent towns to see if they could supply the MWC with water in the event of a shortfall in MWC's supply. Holliston had previously sold water to the MWC during a recent drought, so there was hope that permanent agreements could be put in place.

   The poll results were as follows:

   Bellingham: Has excess water capacity to sell – subject to Town Meeting approval.

   Hopkinton: Has excess water and would like to formalize a permanent water connection with the MWC. Quantity for sale not finalized.

   Holliston: The Water Dept. is installing a new well and may have water to sell. The matter is up for review by their Board of Commissioners. An interconnection exists between the two systems.

Options #1 and #3 are being actively pursued by the MWC Board of Directors, and they hope for relief from each.

The long term solution to the MWC supply problem lies in Option #2, raising the dam. The Board will be investigating means of financing this multi-million dollar project, considering the limited resources of this small water company.

We hope that the studies listed above indicate the Milford Water Company's sincere efforts to develop both a short term and long term response to demand strategies, as outlined in your CCE.

Very truly yours,

Leonard H. White

Leonard H. White
President

LHW/dlr
cc: Henry Papuga-MWC
Mark Dana-MWC