

<b>SRF</b>	
<b>DMS OFFICE COPY</b>	
RECEIVED:	3-16-16
PRIORITY:	16-505
POOL:	19
TO TRUST:	3-17-16
REVIEWER:	CD

6 - FINAL

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>6</u> <div align="center"><i>FINAL</i></div>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>City of Worcester</u> <u>455 Main Street</u> <u>Worcester, Massachusetts 01608</u>		PAYABLE TO: <u>City of Worcester</u> <u>Bank of America - Acct. # 0300070015</u>	
		PAYMENT METHOD: <u>WIRE TRANSFER</u> <u>ABA Routing # 026009593</u>	

EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 235,823.21	\$ 235,823.21	\$ -
Construction	\$ 831,315.43	\$ 715,325.86	\$ 122,840.38
Contingency	\$ 6,850.81	\$ -	\$ -
Administration - Police	\$ 3,688.00	\$ 3,688.00	\$ -
<b>Totals</b>	\$ 1,077,677.45	\$ 954,837.07	\$ 122,840.38

**CERTIFICATION OF THE BORROWER:**  
 The Authorized Representative of the Borrower identified below certifies the following:  
 (i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;  
 (ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and  
 (iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.

Signature: *Edward M. Augustus, Jr.*      Date: 3/2/16  
 Print Name: Edward M. Augustus, Jr.  
 Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: \$122,840.38      Amount Approved: \$122,839.92 - Balance of Loan

Signature: *Steven J. McCurdy*      Date: 3/17/2016

Print Name: STEVEN J. MCCURDY  
 Title: DIRECTOR OF PROGRAM DEVELOPMENT

Date: 3/9/2016

CONTRACT TASK	APPROVED LOAN	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	TOTAL REQUESTED REIMBURSEMENT	% COMP	OVERRUN
TECHNICAL SERVICES	\$ 235,823.21	\$ 235,823.21	\$ -	\$ 235,823.21	100%	
CONSTRUCTION	\$ 831,315.43	\$ 715,325.86	\$ 122,840.38	\$ 838,166.24	101%	Overrun of \$6,850.81 is covered by the contingency.
CONTINGENCY	\$ 6,850.81	\$ -		\$ -	0%	
ADMINISTRATION - POLICE	\$ 3,688.00	\$ 3,688.00	\$ -	\$ 3,688.00	100%	
	\$ 1,077,677.45	\$ 954,837.07	\$ 122,840.38	\$ 1,077,677.45	100%	

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PERIODIC PAYMENT FORM**

(Contractor's Request)

LOAN NO.: CWP-13-20 DMS PROJECT NO.: CWSRF 3763 CONTRACT NO.: #S14-1				DESCRIPTION OF CONTRACT / TASK:  Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
CONTRACTOR NAME & ADDRESS: National Water Main Cleaning Company 25 Marshall Street Canton, MA 02021-2479				REQUEST NO.: <u>6</u>			
CONSULTANT ENGINEER NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 9/1/15 To 10/01/15  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Construction	\$ 831,315.43	86%	\$ 715,325.86	\$ 122,840.38	101%	\$ 838,166.24	\$ (6,850.81)
<b>MBE/WBE Subcontractors</b>							
Jimenez & Son Construction (MBE)	\$ 25,000.00	44%	\$ 11,042.89		44%	\$ 11,042.89	\$ 13,957.11
Mill City Environmental (MBE)	\$ 58,131.54	175%	\$ 101,684.73		175%	\$ 101,684.73	\$ (43,553.19)
Lindon Group (WBE)	\$ 41,565.77	75%	\$ 31,081.74	\$ 15,651.00	112%	\$ 46,732.74	\$ (5,166.97)
<b>Total</b>	<b>\$ 831,315.43</b>	<b>86%</b>	<b>\$ 715,325.86</b>	<b>\$122,840.38</b>	<b>101%</b>	<b>\$ 838,166.24</b>	<b>\$ (6,850.81)</b>

I certify that to the best of my belief and knowledge, (i) that the attached invoices are in accordance with the specifications of the approved project plans; and (ii) that all work in place as of this date are in accordance with the terms of the above referenced Construction Contract.	BY THE CONTRACTOR	Certified by: Type Name and Title: James Fleming Project Manager	Date Signed 2/24/2016
	BY THE CONSULTING ENGINEER	Recommended by: Type Name and Title: Frank E. Occhipinti, PE Team Leader	Date Signed 3/4/16
	BY THE PROJECT INSPECTOR	THE WORK AS INVOICED HERE TO DATE APPEARS REASONABLE AND THEREFORE RECOMMENDED FOR LOAN DISBURSEMENT  SIGNATURE DANIEL J. ROMAN PRINT NAME DEPI/ BRP PROJECT INSPECTOR	Date Signed APR 11/16 Telephone (978) 590-9222

REQUEST NUMBER	CONTRACTOR	INVOICE NO.	DATE	ELIGIBLE INVOICE AMOUNT	5% RETAINAGE & 10% ACCEPTANCE	NET INVOICE	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	COMMENTS
1	NWMCC	1	9-Jun-14	\$17,788.42	\$949.42	\$16,839.00	\$16,839.00		
1	NWMCC	2	17-Jul-14	\$246,238.40	\$36,935.76	\$209,302.64	\$209,302.64		
1	NWMCC	3	5-Aug-14	\$227,993.87	\$34,199.08	\$193,794.79	\$193,794.79		
1	NWMCC	4	22-Sep-14	\$141,574.50	\$21,236.18	\$120,338.33	\$120,338.33		
1	NWMCC	5	1-Oct-14	\$171,257.27	\$25,688.59	\$145,568.68	\$145,568.68		
3	NWMCC	6	14-Nov-14	\$11,471.50	\$1,720.73	\$9,750.78	\$9,750.78		
3	NWMCC	7	16-Feb-15	\$3,393.78		\$3,393.78	\$3,393.78		
5	NWMCC	9	17-Sep-15	\$18,442.50	\$2,104.63	\$16,337.88	\$16,337.88		
6	NWMCC	10	18-Feb-16	\$6.00	(\$122,834.38)	\$122,840.38		\$122,840.38	correct total on invoice no. 6 and release retainage and withholding
			TOTAL	\$838,166.24	(\$0.00)	\$838,166.24	\$715,325.86	\$122,840.38	

# APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

From: National Water Main Cleaning Co.  
25 Marshall Street  
Canton, MA 02021

Project: Lake Ave Pump Station Area Sewer System I/I Rehabilitation  
Estimate No. 10  
Date: 02.16.20  
Period: 9/01/2015 - 01/31/2016  
Project # 6138-W4  
Job # WOR001-2

Bid # 6138-W4  
Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Pebbley, MA 01960-7985  
Attn: Frank Occipiant

## CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner.			
Total		ADDITIONS	DEDUCTIONS
Approved this Month			
Number	Date Approved		
1	09/23/2015	\$515,143.78	
2	01/29/2016		\$ (7,792.97)
Totals		\$515,143.78	\$ (7,792.97)
Net change by change orders		\$507,350.81	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

By: *[Signature]*

Date: 2/16/2016

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$148,029.97

By: *[Signature]*

Date: 2/19/16

Application is made for Payment, as shown below, in connection with the Contract.

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$507,350.81
3) CONTRACT SUM TO DATE	\$1,338,666.24
4) TOTAL COMPLETED & STORED TO DATE	\$1,338,666.24
5) RETAINAGE:	
a. 5% of completed work	\$66,933.31
b. withholdings	\$0.00
Totals a & b	\$66,933.31
6) TOTAL EARNED LESS RETAINAGE	\$1,338,666.24
7) LESS PREVIOUS ESTIMATES	\$1,190,636.27
8) PAYMENT DUE THIS ESTIMATE	\$148,029.97
9) BALANCE TO FINISH, PLUS RETAINAGE	\$0.00

City of Worcester  
Amount Certified:  
\$148,029.97

By: \_\_\_\_\_ Date: \_\_\_\_\_

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System I/I  
Bid # 613K-W4

Estimate No. 10  
Date: 02.16.2016  
Period: 9/01/2015 - 01/31/2016  
Job # WCR081-2

Page 2

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period est. qty	10% withholding	previous estimates est. qty	10% withholding	work completed to date est. qty	Amount	10% withholding	Percent complete
220 08	Trench Excavation & Install 8" PVC Pipe	6	EA	\$7,676.25	\$15,352.50	0.00	\$0.00	1.00	\$7,676.25	1.00	\$7,676.25	\$7,676.25	50%
901	Continuous Lining of Manholes and exterior Sealing	567	VF	\$148.00	\$83,916.00	0.00	\$0.00	525.49	\$77,772.52	525.49	\$77,772.52	\$7,777.25	91%
902	Chemical Root Treatment of Manholes	24	EA	\$110.00	\$2,640.00	0.00	\$0.00	24.00	\$2,640.00	24.00	\$2,640.00	\$2,640.00	100%
903	Rebuild Manhole Bench and Invert	4	EA	\$1,495.00	\$5,980.00	0.00	\$0.00	3.00	\$4,485.00	3.00	\$4,485.00	\$448.50	75%
904	Raise Manhole Frame and Covers	1	EA	\$881.25	\$881.25	0.00	\$0.00	1.00	\$881.25	1.00	\$881.25	\$88.13	100%
905	Cleaning and Inspection of 8" Sewers	17409	LF	\$1.00	\$17,409.00	0.00	\$0.00	16296.20	\$16,296.20	16296.20	\$16,296.20	\$1,629.62	94%
906	Clearing and Inspection of 10" Sewers	4078	LF	\$2.00	\$8,156.00	0.00	\$0.00	3682.50	\$7,365.00	3682.50	\$7,365.00	\$736.50	90%
907	Clearing and Inspection of 12" Sewers	649	LF	\$2.00	\$1,298.00	0.00	\$0.00	1117.00	\$2,234.00	1117.00	\$2,234.00	\$223.40	172%
908	Testing of 8" Joints	4247	Joints	\$36.50	\$155,015.50	0.00	\$0.00	3448.00	\$125,852.00	3448.00	\$125,852.00	\$12,585.20	81%
909	Testing of 10" Joints	727	Joints	\$34.00	\$24,718.00	0.00	\$0.00	573.00	\$19,482.00	573.00	\$19,482.00	\$1,948.20	79%
910	Testing of 12" Joints	216	Joints	\$30.00	\$6,480.00	0.00	\$0.00	359.00	\$10,770.00	359.00	\$10,770.00	\$1,077.00	166%
911	Sealing of 8" Joints	4247	Joints	\$1.00	\$4,247.00	0.00	\$0.00	1658.00	\$1,658.00	1658.00	\$1,658.00	\$165.80	39%
912	Sealing of 10" Joints	727	Joints	\$1.00	\$727.00	0.00	\$0.00	21.00	\$21.00	21.00	\$21.00	\$2.10	3%
913	Sealing of 12" Joints	216	Joints	\$1.00	\$216.00	0.00	\$0.00	45.00	\$45.00	45.00	\$45.00	\$4.50	21%
914	Chemical Root Treatment of 8" Sewer Line	5282	LF	\$1.59	\$8,398.38	0.00	\$0.00	4988.00	\$7,930.92	4988.00	\$7,930.92	\$793.09	94%
915	CIPP Short Line for 8" Sewers	453	LF	\$312.50	\$141,562.50	0.00	\$0.00	449.00	\$140,312.50	449.00	\$140,312.50	\$14,031.25	99%
916	CIPP Short Line for 10" Sewers	42	LF	\$317.50	\$13,335.00	0.00	\$0.00	44.00	\$13,970.00	44.00	\$13,970.00	\$1,397.00	105%
917	CIPP Short Line for 12" Sewers	29	LF	\$327.50	\$9,497.50	0.00	\$0.00	48.00	\$15,720.00	48.00	\$15,720.00	\$1,572.00	165%
918	CIPP for 8" Sewers	5587	LF	\$38.40	\$214,540.80	0.00	\$0.00	5839.80	\$224,248.32	5839.80	\$224,248.32	\$22,424.83	105%
919	CIPP for 10" Sewers	1010	LF	\$41.00	\$41,410.00	0.00	\$0.00	827.50	\$33,927.50	827.50	\$33,927.50	\$3,392.75	82%
920	CIPP for 12" Sewers	18	LF	\$315.00	\$5,670.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%
921	Cut Protecting Service Connections	5	EA	\$300.00	\$1,500.00	0.00	\$0.00	3.00	\$900.00	3.00	\$900.00	\$90.00	60%
922	TV Inspection and Testing of Service Connections	136	EA	\$400.00	\$54,400.00	0.00	\$0.00	262.00	\$104,800.00	262.00	\$104,800.00	\$10,480.00	193%
923	Grout Service Connections	136	EA	\$10.00	\$1,360.00	0.00	\$0.00	255.00	\$2,550.00	255.00	\$2,550.00	\$255.00	188%
924	Manhole Rehabilitation	1	Lump sum	\$13,235.00	\$13,235.00	0.00	\$0.00	1.00	\$13,235.00	1.00	\$13,235.00	\$13,235.00	100%
CO #1	Addition work for pipe encasement for Excavated joint repair	1	LS	\$3,393.78	\$3,393.78	0.00	\$0.00	1.00	\$3,393.78	1.00	\$3,393.78	\$3,393.78	100%
	Manhole Rehabilitation	1	LS	\$7,500.00	\$7,500.00	0.00	\$0.00	1.00	\$7,500.00	1.00	\$7,500.00	\$7,500.00	100%
	Construct/Dismantle Denison Basin	1	LS	\$45,000.00	\$45,000.00	0.00	\$0.00	1.00	\$45,000.00	1.00	\$45,000.00	\$45,000.00	100%
	Manure Soil Stabilization	1	LS	\$55,000.00	\$55,000.00	0.00	\$0.00	1.00	\$55,000.00	1.00	\$55,000.00	\$55,000.00	100%
	Line Sacks	15	EA	\$750.00	\$11,250.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%
	Removal of Debris from Influent Conduit	1	LS	\$393,000.00	\$393,000.00	0.00	\$0.00	1.00	\$393,000.00	1.00	\$393,000.00	\$393,000.00	100%
Totals				\$1,346,459.21	\$1,338,666.24	\$0.00	\$0.00	\$1,338,666.24	\$1,338,666.24	\$1,338,666.24	\$1,338,666.24	\$81,096.65	99%

work done this estimate  
less withholdings  
less retainage  
total due this est.

work done this period  
less withholdings  
less retainage (0%)  
subtotal  
less previous estimates  
balance due

total completed to date  
less withholdings  
less retainage (0%)  
subtotal  
less previous estimates  
balance due

planning, permitting,  
design, construction,  
operation, maintenance

**Weston&Sampson®**

**Worcester, MA  
WSE Job No. 2140205.A**

March 9, 2016

Mr. Chris Palmer  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02114

Re: **Project No. CWSRF-3763, Loan No. CW-13-20** Worcester, MA  
Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project

Dear Mr. Palmer:

On behalf of the City of Worcester, enclosed please find Payment Requisition No. 6 for the Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project. In addition to the required forms, a copy of Pay Estimate No. 10 submitted by the City's Contractor, National Water Main Cleaning Company (NWMCC), has been included for your use.

Please contact me with any questions that you have or if you require any additional information.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Kara D. Keleher, PE  
Project Manager

Enclosures

cc: Mr. K. Russell Adams, PE, Assistant Commissioner of Public Works & Parks  
Ms. Mariann Castelli Hier, Treasurer, City of Worcester  
Mr. Frank Occhipinti, PE, Weston & Sampson Engineers, Inc.

O:\Worcester MA\2140205 Lake Ave Construction Services\SRF Pay Requisitions\Pay Requisition No. 6 - DEP Cover Letter.docx



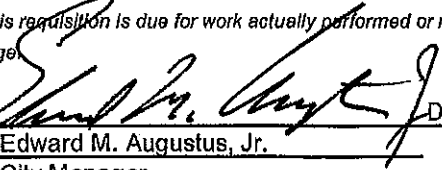
SRF DMS OFFICE COPY	
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TO TRUST:	12-3-15
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5

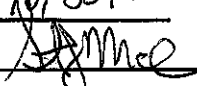
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**BUREAU OF RESOURCE PROTECTION**  
**PAYMENT REQUISITION**

LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>5</u>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>City of Worcester</u> <u>455 Main Street</u> <u>Worcester, Massachusetts 01608</u>		PAYABLE TO: <u>City of Worcester</u> <u>Bank of America - Acct. # 0300070015</u>	
		PAYMENT METHOD: <u>WIRE TRANSFER</u> <u>ABA Routing # 026009593</u>	
EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ 235,823.21	\$ -
Construction	\$ 834,708.78	\$ 698,987.99	\$ 16,337.88
Contingency	\$ 41,566.00	\$ -	\$ -
Administration - Police	\$ 115,000.00	\$ 3,688.00	\$ -
Totals	\$ 1,227,274.78	\$ 938,499.20	\$ 16,337.88

**CERTIFICATION OF THE BORROWER:**  
 The Authorized Representative of the Borrower identified below certifies the following:  
 (i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;  
 (ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and  
 (iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.

Signature:  Date: 11-16-15  
 Print Name: Edward M. Augustus, Jr.  
 Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: \$16,337.88      Amount Approved: \$16,337.88  
 Signature:       Date: 12/3/2015  
 Print Name: Steven J. McCurdy  
 Title: Director of Program Development

# LOAN SUMMARY

Loan No.: CWP-13-20  
 DMS Project No.: CWSRF 3763  
 Project Description: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project  
 Task/Contract No.: #S14-1

Request No.: 5  
 Date: 11/13/2015

CONTRACT TASK	APPROVED LOAN	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	TOTAL REQUESTED REIMBURSEMENT	% COMP	OVERRUN
TECHNICAL SERVICES	\$ 236,000.00	\$ 235,823.21	\$ -	\$ 235,823.21	100%	
CONSTRUCTION	\$ 834,708.78	\$ 698,987.99	\$ 16,337.88	\$ 715,325.86	86%	
CONTINGENCY	\$ 41,566.00	\$ -		\$ -	0%	
ADMINISTRATION - POLICE	\$ 115,000.00	\$ 3,688.00	\$ -	\$ 3,688.00	3%	
	\$ 1,227,274.78	\$ 938,499.20	\$ 16,337.88	\$ 954,837.07	78%	

Approved Contract: \$ 115,000.00

**Description: Administration - Police**  
**Task/Contract No.: #S14-1**

Consult

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PERIODIC PAYMENT FORM**

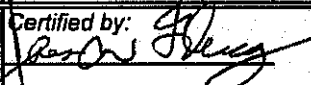
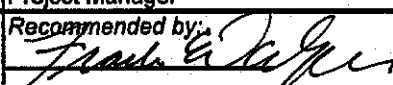
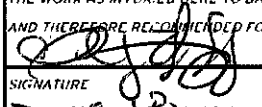
(Contractor's Request)

LOAN NO.: CWP-13-20 DMS PROJECT NO.: CWSRF 3763 CONTRACT NO.: #S14-1				DESCRIPTION OF CONTRACT / TASK:  Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
CONTRACTOR NAME & ADDRESS: National Water Main Cleaning Company 25 Marshall Street Canton, MA 02021-2479				REQUEST NO.: <u>5</u>			
CONSULTANT ENGINEER NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 10/1/14 To 8/31/15  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Construction	\$ 834,708.78	84%	\$ 698,987.99	\$ 16,337.88	86%	\$ 715,325.86	\$ 119,382.92
<b>MBE/WBE Subcontractors</b>							
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Mill City Environmental (MBE)	\$ 58,131.54	175%	\$ 101,684.73		175%	\$ 101,684.73	\$ (43,553.19)
Lindon Group (WBE)	\$ 41,565.77	75%	\$ 31,081.74	\$ 15,651.00	112%	\$ 46,732.74	\$ (5,166.97)
<b>Total</b>	<b>\$ 834,708.78</b>	<b>84%</b>	<b>\$ 698,987.99</b>	<b>\$ 16,337.88</b>	<b>86%</b>	<b>\$ 715,325.86</b>	<b>\$ 119,382.92</b>

I certify that to the best of my belief and knowledge, (i) that the attached invoices are in accordance with the specifications of the approved project plans; and (ii) that all work in place as of this date are in accordance with the terms of the above referenced Construction Contract.	BY THE CONTRACTOR	Certified by:  Type Name and Title: James Fleming Project Manager	Date Signed 11/23/2015
	BY THE CONSULTING ENGINEER	Recommended by:  Type Name and Title: Frank E. Occhipinti, PE Team Leader	Date Signed 11/23/15  Telephone (617) 590-9222
	BY THE PROJECT INSPECTOR	THE WORK AS INVOICED HERE TO DATE APPEARS REASONABLE AND THEREFORE RECOMMENDED FOR LOAN DISBURSEMENT  SIGNATURE DAVID J. ROMAN PRINT NAME DEPI/ BRP PROJECT INSPECTOR	Date Signed 12/15/15 Telephone

Approved Contract: **\$834,708.78**

Request No.: 5  
Date: 11/13/2015

**Contract**

# APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

From: National Water Main Cleaning Co.  
25 Marshall Street  
Canton, MA 02021

Project: Lake Ave Pump Station Area Sewer System I/I Rehabilitation

Estimate No. 9  
Date: 03/06/20  
Period: 3/01/2015 ~ 08/31/2015  
Project # 6138-W4  
Job # WOR001-2

Bid # 6138-W4  
Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
Attn: Frank Occipinti

Page 1

## CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner.			
Total		ADDITIONS	DEDUCTIONS
Approved this Month:			
Number	Date Approved		
1	09/23/2015	\$515,143.78	
Totals		\$515,143.78	
Net change by change orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

By: *[Signature]* Date: 9/17/2015

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$424,320.47

By: *[Signature]* Date: 9/28/15

Application is made for Payment, as shown below, in connection with the Contract.

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$515,143.78
3) CONTRACT SUM TO DATE	\$1,346,459.21
4) TOTAL COMPLETED & STORED TO DATE	\$1,335,666.24
5) RETAINAGE:	
a. 5% of completed work	\$66,833.31
b. withholdings	\$81,096.65
Totals a & b	\$148,029.97
6) TOTAL EARNED LESS RETAINAGE	\$1,190,636.27
7) LESS PREVIOUS ESTIMATES	\$766,315.80
8) PAYMENT DUE THIS ESTIMATE	\$424,320.47
9) BALANCE TO FINISH, PLUS RETAINAGE	\$155,822.94

City of Worcester  
Amount Certified:  
\$424,320.47

By: \_\_\_\_\_ Date: \_\_\_\_\_

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System III  
Bid # 6132-W4

Estimate No. 9  
Date: 03/06/2015  
Period: 3/01/2015 -- 08/31/2015  
Job # W00001-2

Page 2

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period est. qty.	10% Withholding amount	previous estimates est. qty.	10% Withholding amount	work completed to date est. qty.	Amount	10% Withholding	percent complete
220.08	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2 EA		\$7,676.23	\$15,352.50	0.00	\$0.00	1.00	\$7,676.23	1.00	\$7,676.23	\$767.63	50%
601	Continuous Lining of Manholes and exterior Sealing	867 YF		\$148.00	\$83,916.00	0.00	\$0.00	525.49	\$77,772.52	525.49	\$77,772.52	\$7,777.25	93%
602	Chemical Root Treatment of Manholes	24 EA		\$110.00	\$2,640.00	0.00	\$0.00	24.00	\$2,640.00	24.00	\$2,640.00	\$264.00	100%
603	Rebuild Manhole Bench and Invert	4 EA		\$1,495.00	\$5,980.00	0.00	\$0.00	3.00	\$4,485.00	3.00	\$4,485.00	\$448.50	75%
604	Rease Manhole Frame and Covers	1 EA		\$881.25	\$881.25	0.00	\$0.00	1.00	\$881.25	1.00	\$881.25	\$88.13	100%
605	Cleaning and Inspection of 8" Sewers	17408 LF		\$2.00	\$17,408.00	0.00	\$0.00	16,296.20	\$16,296.20	16,296.20	\$16,296.20	\$1,629.62	94%
606	Cleaning and Inspection of 10" Sewers	668 LF		\$2.00	\$1,336.00	0.00	\$0.00	3,482.50	\$7,365.00	3,482.50	\$7,365.00	\$736.50	90%
607	Cleaning and Inspection of 12" Sewers	4247 Joints		\$36.50	\$155,015.50	0.00	\$0.00	3,448.00	\$12,852.00	3,448.00	\$12,852.00	\$1,285.20	81%
608	Testing of 8" Joints	727 Joints		\$34.00	\$24,718.00	0.00	\$0.00	573.00	\$19,482.00	573.00	\$19,482.00	\$1,948.20	79%
610	Testing of 10" Joints	216 Joints		\$30.00	\$6,480.00	154.00	\$4,620.00	205.00	\$6,150.00	359.00	\$10,770.00	\$1,077.00	160%
611	Testing of 12" Joints	4247 Joints		\$1.00	\$4,247.00	0.00	\$0.00	1,658.00	\$1,658.00	1,658.00	\$1,658.00	\$165.80	39%
612	Sealing of 8" Joints	727 Joints		\$1.00	\$727.00	0.00	\$0.00	21.00	\$21.00	21.00	\$21.00	\$2.10	3%
613	Sealing of 10" Joints	216 Joints		\$1.00	\$216.00	6.00	\$6.00	39.00	\$39.00	45.00	\$45.00	\$4.50	21%
614	Chemical Root Treatment of 8" Sewer Line	5282 LF		\$1.59	\$8,398.38	0.00	\$0.00	4,988.00	\$7,930.92	4,988.00	\$7,930.92	\$793.09	94%
615	CIPP Short Liner for 8" Sewers	453 LF		\$312.50	\$141,562.50	0.00	\$0.00	449.00	\$140,312.50	449.00	\$140,312.50	\$14,031.25	99%
616	CIPP Short Liner for 10" Sewers	42 LF		\$317.50	\$13,335.00	0.00	\$0.00	44.00	\$13,970.00	44.00	\$13,970.00	\$1,397.00	105%
617	CIPP Short Liner for 12" Sewers	29 LF		\$327.50	\$9,497.50	22.00	\$7,205.00	26.00	\$8,515.00	48.00	\$15,720.00	\$1,572.00	166%
618	CIPP for 8" Sewers	588 LF		\$38.40	\$22,459.20	0.00	\$0.00	5,938.80	\$22,459.20	5,938.80	\$22,459.20	\$2,245.92	103%
619	CIPP for 10" Sewers	1010 LF		\$41.00	\$41,410.00	0.00	\$0.00	827.50	\$33,927.50	827.50	\$33,927.50	\$3,392.75	82%
620	CIPP for 12" Sewers	16 LF		\$315.00	\$5,040.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%
621	Out Proluding Service Connections	5 EA		\$300.00	\$1,500.00	0.00	\$0.00	3.00	\$900.00	3.00	\$900.00	\$90.00	60%
622	TV Inspection and Testing of Service Connections	138 EA		\$400.00	\$55,200.00	0.00	\$0.00	262.00	\$104,800.00	262.00	\$104,800.00	\$10,480.00	193%
623	Grout Service Connections	138 EA		\$10.00	\$1,380.00	0.00	\$0.00	255.00	\$2,550.00	255.00	\$2,550.00	\$255.00	188%
624	Mobilization	1 Lump sum		\$13,235.00	\$13,235.00	0.50	\$6,617.50	0.50	\$6,617.50	1.00	\$13,235.00	\$1,323.50	100%
CO #1	Addition work for pipe encasement for Extruded joint repair	1 Lump sum		\$3,393.78	\$3,393.78	0.00	\$0.00	1.00	\$3,393.78	1.00	\$3,393.78	\$339.38	100%
	Medication	1 LS		\$7,500.00	\$7,500.00	0.50	\$3,750.00	0.50	\$3,750.00	1.00	\$7,500.00	\$750.00	100%
	Construct/Dismantle Denison Basin	1 LS		\$45,000.00	\$45,000.00	0.50	\$22,500.00	0.50	\$22,500.00	1.00	\$45,000.00	\$4,500.00	100%
	Manage Soil Stabilization	1 LS		\$55,000.00	\$55,000.00	0.50	\$27,500.00	0.10	\$5,500.00	0.60	\$33,000.00	\$3,300.00	100%
	Line Sinks	15 EA		\$730.00	\$11,250.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%
	Removal of Debris from Influent Conduit	1 LS		\$395,000.00	\$395,000.00	0.90	\$355,700.00	0.10	\$39,500.00	1.00	\$395,000.00	\$39,500.00	100%
Totals					\$1,346,459.21		\$447,898.50		\$1,188.10		\$890,767.74	\$79,913.55	99%

work done this estimate  
less withholdings  
less retainage  
total due this est.

\$447,898.50  
\$1,188.10  
\$22,394.93  
\$454,320.48

total completed to date  
less withholdings  
retainage (5%)  
subtotal  
less previous estimates  
balance due

\$1,338,666.24  
\$81,096.65  
\$66,993.31  
\$1,190,676.27  
\$766,315.80  
\$424,320.47

(\$0.00)



[illegible]

CHANGE ORDER #1															Invoice #:
Date	Street	Mileage		Pan Size	LS Manpower	LS Construct/Dismantle Division Base	LS Manpower/Cut Stabilizers	EA Line Stacks	LS Removal of debris from adjacent conduit	HR Emergency TV work	EA Test Joints 12"	EA Seal Joints 12"	CIPP Short Lines 12" UF	LS Mobilization/Demobilization	Total Rev.
		From	To												
06/15/18	Warner Ave	18706	4872	8"											5
06/15/18	Ernest Ave	24848	16707	8"											5
06/15/18	Ernest Ave	17541	17441	8"											5
06/15/18	Ernest Ave	17443	17442	8"											5
06/15/18	Ernest Ave	17444	17442	8"											5
06/15/18	Ernest Ave	17444	17445	8"											5
06/15/18	Ernest Ave	17445	24775	8"											5
06/15/18	Ernest St	17442	24775	8"											5
06/15/18	Commonwealth Ave	2772	2773	8"											5
06/15/18	Commonwealth Ave	2773	2774	8"											5
06/15/18	Commonwealth Ave	2774	2775	8"											5
06/15/18	Commonwealth Ave	2775	2776	8"											5
06/15/18	Commonwealth Ave	2776	2785	8"											5
06/15/18	Midwest Ave	2784	2785	8"											5
06/15/18	Boston Ave	2869	17926	8"											5
06/15/18	Boston Ave	17926	2863	8"											5
06/15/18	Boston Ave	14876	14875	8"											5
06/15/18	Boston Ave	14875	2753	8"											5
06/15/18	Hamilton St	2753	2752	8"											5
06/15/18	Hamilton St	2752	2753	8"											5
06/15/18	Lafayette St	2657	2656	8"											5
06/15/18	Gleason St	2656	2653	8"											5
06/15/18	Gleason St	2653	24174	8"											5
06/15/18	Hurdle Ave	2713	5103	8"											5
06/15/18	Orron St	22716	2704	8"											5
06/15/18	Bentham St	17011	16051	8"											5
06/15/18	County Street	2755	16047	8"											5
06/15/18	Maranda St	20417	20415	8"											5
06/15/18	Rudolph St	19380	4981	8"											5
06/15/18	Roath St	20895	20897	8"											5
06/15/18	Tanah Ave	20228	20222	8"											5
06/15/18	Chickadee St	24569	17435	8"											5
06/15/18	Hilltop Ave	2473	2471	8"											5
06/15/18	Harcourt St	17040	17040	8"											5
06/15/18	Harcourt St	17040	17039	8"											5
06/15/18	Napoli St	24168	24168	8"											5
06/15/18	Napoli St	24168	5110	8"											5
06/15/18	Medoc St	17932	17934	8"											5
06/20/15	Boston Ave	2762	2761	8"											5
06/20/15	Boston Ave	7850	2781	8"											5
06/20/15	Boston Ave	2750	3850	8"											5
06/20/15	Boston Ave	3850	7855	8"											5
06/20/15	Bird St	7850	7879	8"											5
06/20/15	Bird St	7850	5111	8"											5
06/20/15	Bird St	7852	14879	8"											5
06/20/15	Caburn Ave	20198	20197	10"											5
06/20/15	Biddle Path	19210	19168	8"											5
06/20/15	Biddle Path	19167	20210	8"											5
06/20/15	Biddle Path	2746	26619	8"											5
06/20/15	Lorenzo St Easement	5056	5054	8"											5
06/20/15	Lorenzo St Easement	5054	5058	8"											5
06/20/15	Lorenzo St Easement	5058	5079	8"											5
06/20/15	Lorenzo St Easement	5098	5004	10"											5
06/20/15	Grafton St Row	5002	5007	10"											5
06/20/15	Grafton St	24401	5004	10"											5
06/20/15	Grafton St Row	24403	12549	10"											5
06/20/15	Dana Ave Row	22662	24854	10"											5
06/20/15	Flemington St Row	22670	22671	10"											5
06/20/15	Flemington St Row	22671	22673	10"											5
06/20/15	Cohasset St	17210	20226	10"											5
06/20/15	American St Row	17210	17211	10"											5
06/20/15	American St Row	17211	17046	10"											5
06/20/15	Harcourt St	17046	17836	10"											5
06/20/15	Harcourt St	17836	17039	10"											5
06/20/15	Hilton Ave	17430	17435	12"											5
06/20/15	Hilton Ave	17435	24771	12"											5
06/20/15	Hilton Ave	24771	24770	12"											5
07/10/15	Gleason St (2)	24173	24172	8"											5
07/10/15	Gleason St	24174	24175	8"											5
07/10/15	Trahan Ave	4987	4979	8"											5
07/10/15	Trahan Ave	4987	20229	8"											5
07/10/15	Lepanto St	2685	2686	8"											5
07/15/15	Gleason St-Remnants	24172	24173	8"											5
07/15/15	Boston Ave	7884	2804	8"											5
07/15/15	Middlesex Ave	2758	19139	8"											5
07/15/15	Middlesex Ave	2791	2790	8"											5
07/15/15	Middlesex Ave	2791	2785	8"											5
07/15/15	Commonwealth Ave	2776	19554	8"											5
07/15/15	Commonwealth Ave	17078	19554	8"											5
07/15/15	Ernest Ave	24848	5055	8"											5
07/15/15	Cleaned siphons														5
07/15/15	Assist Short Line Crew														5
07/16/15	Gleason St	24173	24172	8"											5
07/16/15	Clean sewer overflow														5
07/16/15	Assist Short Line Crew														5
07/16/15	Clean sewer overflow														5
07/16/15	Clean sewer overflow														5
07/21/15	Clean 20"x60" conduit														5
07/23/15	Clean 20"x60" conduit														5

Date	Street	Manhole		Pipe Size	CHANGE ORDER #1		Mobilization	LS	Construct/Dismant/Demolition Work	Manage/Sol Stabilization		Lime Sacks	Removal of debris from influent conduit	Emergency TV work	Test Joints 12"	Seal Joints 12"	CIPP Short Lines 12"	Mobilization/Demobilization	Total Rev.
		From	To		LS	LS													
07/24/15	Clean 20"x60" conduit																		
07/23/15	Clean 20"x60" conduit																		
07/23/15	Set up Pump																		
07/23/15	Clean 20"x60" conduit																		
07/23/15	Clean 20"x60" conduit																		
07/23/15	Clean 20"x60" conduit																		
07/23/15	Clean 20"x60" conduit																		
07/23/15	Clean 20"x60" conduit																		
08/01/15	Clean 18" x 18" manhole	25908	10035																
08/01/15	Canton St	10035	10085	6"															
08/01/15	Canton St	25908	25909	6"															
08/01/15	Canton St	25909	25910	5"															
08/01/15	Clean 20"x60" conduit																		
08/01/15	Elmire Ave	17439	24850	5"															
08/11/15	Elmire Ave	24850	17436	8"															
08/11/15	Berkham St	17011	16251	8"															
08/12/15	Boston Ave	14875	2793	5"															
08/12/15	Boston Ave	17526	2903	8"															
08/12/15	Blvd St	14861	14879	5"															
08/12/15	Glaze St	2595	29372	8"															
08/13/15	Boston Ave	7882	7888	8"															
08/13/15	Lapaine St	2596	2695	5"															
08/13/15	Glaze St	24173	2412	5"															
08/14/15	Nanilla St	5110	17538	5"															
08/14/15	Nanilla St	17538	17535	5"															
08/14/15	Nanilla St	17535	17534	5"															
08/17/15	Nanilla St	17529	17527	8"															
08/17/15	Modoc St	20885	20897	8"															
08/17/15	Roath St	20966	20964	8"															
08/18/15	Medfield Ave	2769	19139	8"															
08/18/15	Hamilton St	2768	2782	8"															
08/18/15	Hamilton St	17382	17393	8"															
08/18/15	Hamilton St	17393	17395	8"															
08/18/15	Camden Ave	17050	17028	8"															
08/18/15	Camden Ave	17028	17028	8"															
08/18/15	Camden Ave	20244	20222	8"															
08/20/15	Blvd St Row	5111	5113	8"															
08/20/15	Shrewsbury St	22198	22190	18"															
08/21/15	Blvd St Row	7882	7884	8"															
08/21/15	Blvd St Row	7882	7879	8"															
08/21/15	Ernest Ave	2484	17441	8"															
08/21/15	Treban Ave	4979	4997	8"															
08/24/15	Ernest Ave	17445	17446	8"															
08/24/15	Ernest Ave	5053	5055	8"															
08/25/15	Marjorie St	5021	5024	8"															
08/25/15	County Street	2765	16047	8"															
08/25/15	County Street	16047	16045	8"															
08/25/15	Corrine St	20392	26350	8"															
08/25/15	Hillari Ave	24768	24770	8"															
08/26/15	Progressive St	5421	5420	8"															
08/26/15	Dona Ave	22662	24844	10"															
08/26/15	Cohasset St	20910	20226	10"															
08/27/15	Coburn Ave	5118	5119	10"															
08/27/15	Grafton St	5807	24401	10"															
08/27/15	Farmington St Row	26844	22670	10"															
08/27/15	Farmington St Row	22670	22671	10"															
08/28/15	Hillari Ave	17430	17435	12"															
08/28/15	Shrewsbury St	MHS	MHS	18x15															
09/01/15	Remove stop plans																		
												</							

Number: CWSRF - 3763

Exhibit B

LOAN DISBURSEMENT SCHEDULE

<u>Month/Year</u>	<u>ELIGIBLE</u>
Sep-14	\$877,338.26
Dec-14	\$24,738.84
Apr-15	\$46,165.68
Jun-15	\$43,032.00
Aug-15	\$12,105.00
Nov-15	\$16,338.00
Dec-15	\$207,557.00
<b>TOTAL:</b>	<b>\$1,019,717.78</b>

**Worcester, MA  
WSE Job No. 2140205.A**

November 23, 2015

Mr. Chris Palmer  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02114

Re: **Project No. CWSRF-3763, Loan No. CW-13-20 Worcester, MA**  
**Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project**


Dear Mr. Palmer:

On behalf of our client, the City of Worcester enclosed please find Payment Requisition No. 5 for the Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project. In addition to the required forms, a copy of Pay Estimate No. 9 submitted by the City's Contractor, National Water Main Cleaning Company (NWMCC), has been included for your use.

Please contact me with any questions that you have or if you require any additional information.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Kara D. Keleher, PE  
Project Manager

Enclosures

cc: Mr. K. Russell Adams, PE, Assistant Commissioner of Public Works & Parks  
Ms. Mariann Castelli Hier, Treasurer, City of Worcester  
Mr. Frank Occhipinti, PE, Weston & Sampson Engineers, Inc.

O:\Worcester MA\2140205 Lake Ave Construction Services\SRF Pay Requisitions\Pay Requisition No. 5 - DEP Cover Letter.docx

<b>SRF</b>	
<b>DMS OFFICE COPY</b>	
RECEIVED:	10-5-15
PRIORITY:	16-200
POOL:	19
TO TRUST:	10-8-15
REVIEWER:	CP

(4)

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

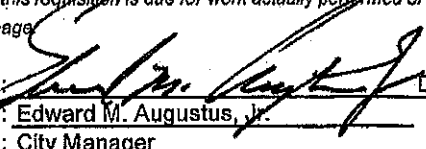
LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>4</u>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>City of Worcester</u> <u>455 Main Street</u> <u>Worcester, Massachusetts 01608</u>		PAYABLE TO: <u>City of Worcester</u> <u>Bank of America - Acct. # 0300070015</u>	
		PAYMENT METHOD: <u>WIRE TRANSFER</u> <u>ABA Routing # 026009593</u>	

EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ 220,087.96	\$ 15,735.25
Construction	\$ 834,708.78	\$ 698,987.99	\$ -
Contingency	\$ 41,566.00	\$ -	\$ -
Administration - Police	\$ 115,000.00	\$ 3,688.00	\$ -
<b>Totals</b>	\$ 1,227,274.78	\$ 922,763.96	\$ 15,735.25

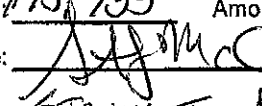
  

**CERTIFICATION OF THE BORROWER:**  
The Authorized Representative of the Borrower identified below certifies the following:  
(i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;  
(ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and  
(iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.

Signature:  Date: 9/21/15  
Print Name: Edward M. Augustus, Jr.  
Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: \$15,735.25 Amount Approved: \$15,735.25  
Signature:  Date: 10/1/15  
Print Name: STEVEN J. McGady  
Title: DIRECTOR OF PROGRAM DEVELOPMENT

Loan No.: CWP-13-20  
DMS Project No.: CWSRF 3763  
Project Description: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project  
Task/Contract No.: #S14-1

## Summary



**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

(Consultant Engineer's Request and Certification)

LOAN NO. : CWP-13-20 DMS PROJECT NO. : CWSRF 3763 CONTRACT No. #S14-1	DESCRIPTION OF PROJECT: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project
LEGAL NAME OF BORROWER: City of Worcester	REQUEST No. <u>4</u>
CONSULTANT NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960	PAYMENT PERIOD: From 10/25/2014 To 8/21/2015  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Technical Services	\$ 236,000.00	93%	\$ 220,087.96	\$ 15,735.25	100%	\$ 235,823.21	\$ 176.79
<b>MBE/WBE Subcontractors</b>							
Stacey DePasquale Engineering	\$ 8,968.00	98%	\$ 8,778.28	\$ -	98%	\$ 8,778.28	\$ 189.72
Vaidya Consultants	\$ 8,024.00	98%	\$ 7,873.10	\$ -	98%	\$ 7,873.10	\$ 150.90
<b>Totals</b>	<b>\$ 236,000.00</b>	<b>93%</b>	<b>\$ 220,087.96</b>	<b>\$ 15,735.25</b>	<b>100%</b>	<b>\$ 235,823.21</b>	<b>\$ 176.79</b>

*The Borrower's Consultant Engineer identified herein certifies as follows: 1) the attached invoices and supporting documentation are for project costs for work actually performed or material or property actually supplied prior to the date of this requisition in conformity with the plans and specifications approved by the Department, or in the case of substantial deviations from the approved plans and specifications, the attached documentation demonstrates that all such deviations have been authorized and certified to by the Borrower or it's Consultant Engineer in accordance with M.G.L. c 30, ss39I and are project costs.*

BY THE CONSULTING ENGINEER

Certified by:



Date Signed

9/17/15

Type Name and Title:

Frank E. Occhipinti, PE  
Team Leader

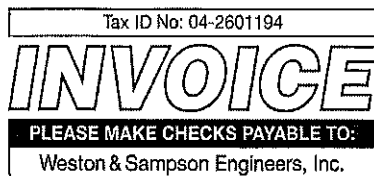
Telephone

(978) 532-1900  
ext. 2383

Approved Contract: **\$236,000.00**

Task/Contract No.: #S14-1

## Consult



Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
**ENGINEERS, INC.**

May 14, 2015

Project No: 2140205

Invoice No: 445267

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through April 24, 2015**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
David, Andrea	.50	18.28	9.14	
Keleher, Kara	2.00	44.42	88.84	
Totals	2.50		97.98	
<b>Total Labor</b>				<b>97.98</b>

Overhead	192.00 % of 97.98		188.12	
Profit	10.00 % of 286.10		28.61	
<b>Total</b>			<b>216.73</b>	<b>216.73</b>
		<b>Total this Phase</b>		<b>\$314.71</b>

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Manganais, Emanuel	46.50	39.59	1,840.94	
Totals	46.50		1,840.94	
<b>Total Labor</b>				<b>1,840.94</b>

Overhead	160.00 % of 1,840.94		2,945.50	
Profit	10.00 % of 4,786.44		478.64	
<b>Total</b>			<b>3,424.14</b>	<b>3,424.14</b>

**Reimbursable Expenses**

Manganais, Emanuel			373.75	
<b>Total Reimbursables</b>	<b>1.1 times</b>		<b>373.75</b>	<b>411.13</b>

Payment is due 30 days from Invoice Date Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	445267
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<b>Total this Phase</b>	<b>\$5,676.21</b>
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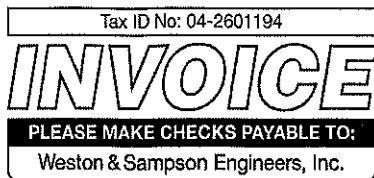
<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	5,990.92	205,132.50	211,123.42
Limit			236,000.00
Remaining			24,876.58

<b>TOTAL THIS INVOICE</b>	<b>\$5,990.92</b>
---------------------------	-------------------

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
444106	4/8/2015	2,801.27
<b>Total</b>		<b>2,801.27</b>

<b>Total Now Due</b>	<b>\$8,792.19</b>
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Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
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**Weston & Sampson®**  
ENGINEERS, INC.

June 03, 2015

Project No: 2140205

Invoice No: 446052

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through May 22, 2015**

Phase	A	PHASE A-OFFICE SERVICES		
Professional Personnel				
		Hours	Rate	Amount
	Keleher, Kara	14.00	44.42	621.88
	Occhipinti, Frank	16.00	60.41	966.56
	Sheahan, Daniel	3.00	62.88	188.64
	Totals	33.00		1,777.08
	Total Labor			1,777.08
	Overhead	192.00 % of 1,777.08		3,411.99
	Profit	10.00 % of 5,189.07		518.91
	Total			3,930.90
				3,930.90
			Total this Phase	\$5,707.98

Phase	B	PHASE B-FIELD SERVICES		
Professional Personnel				
		Hours	Rate	Amount
	Andrikos, Evan	43.00	26.44	1,136.92
	Labrie, Timothy	55.50	25.00	1,387.50
	Lauria, Joseph	30.50	26.44	806.42
	Manganais, Emanuel	13.00	39.59	514.67
	Totals	142.00		3,845.51
	Total Labor			3,845.51
Overhead	160.00 % of 3,845.51			6,152.82

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.		Invoice	446052
Profit		10.00 % of 9,998.33		999.83	
	<b>Total</b>			<b>7,152.65</b>	<b>7,152.65</b>
<b>Reimbursable Expenses</b>					
	Lauria, Joseph			144.90	
	Manganais, Emanuel			98.90	
	<b>Total Reimbursables</b>		<b>1.1 times</b>	<b>243.80</b>	<b>268.18</b>
			<b>Total this Phase</b>		<b>\$11,266.34</b>
<b>Billing Limits</b>					
	<b>Total Billings</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
		16,974.32	211,123.42	228,097.74	
	Limit			236,000.00	
	Remaining			7,902.26	
			<b>TOTAL THIS INVOICE</b>		<b>\$16,974.32</b>
<b>Outstanding Invoices</b>					
	<b>Number</b>	<b>Date</b>	<b>Balance</b>		
	444106	4/8/2015	2,801.27		
	445267	5/14/2015	5,990.92		
	<b>Total</b>		<b>8,792.19</b>		
			<b>Total Now Due</b>		<b>\$25,766.51</b>

Tax ID No: 04-2601194
<b>INVOICE</b>
<b>PLEASE MAKE CHECKS PAYABLE TO:</b>
Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
**ENGINEERS, INC.**

July 15, 2015

Project No: 2140205

Invoice No: 447076

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through June 26, 2015**

Phase	A	PHASE A-OFFICE SERVICES		
Professional Personnel				
		Hours	Rate	Amount
	Lauria, Joseph	5.50	26.44	145.42
	Occhipinti, Frank	5.50	60.41	332.26
	Totals	11.00		477.68
	Total Labor			477.68
	Overhead	192.00 % of 477.68		917.15
	Profit	10.00 % of 1,394.83		139.48
	Total			1,056.63
				1,056.63
			Total this Phase	\$1,534.31

Phase	B	PHASE B-FIELD SERVICES			
Professional Personnel					
		Hours	Rate	Amount	
	Labrie, Timothy	24.00	25.00	600.00	
	Totals	24.00		600.00	
	Total Labor				600.00
	Overhead	160.00 % of 600.00		960.00	
	Profit	10.00 % of 1,560.00		156.00	
	Total			1,116.00	1,116.00
Reimbursable Expenses					
	Andrikos, Evan			80.50	
	Total Reimbursables		1.1 times	80.50	88.55

Payment is due 30 days from Invoice Date Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	447076
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Total this Phase	\$1,804.55
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<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	3,338.86	228,097.74	231,436.60
Limit			236,000.00
Remaining			4,563.40

TOTAL THIS INVOICE	\$3,338.86
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**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
446052	6/3/2015	16,974.32
<b>Total</b>		<b>16,974.32</b>

Total Now Due	\$20,313.18
---------------	-------------



Tax ID No: 04-2601194
<b>INVOICE</b>
PLEASE MAKE CHECKS PAYABLE TO: Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

August 11, 2015

Project No: 2140205

Invoice No: 448221

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through July 24, 2015**

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount
Wong, Kin	10.00	26.44	264.40
Totals	10.00		264.40
<b>Total Labor</b>			<b>264.40</b>

Overhead	160.00 % of 264.40	423.04
Profit	10.00 % of 687.44	68.74
<b>Total</b>		<b>491.78</b>

**Total this Phase \$756.18**

Billing Limits	Current	Prior	To-Date
Total Billings	756.18	231,436.60	232,192.78
Limit			236,000.00
Remaining			3,807.22

**TOTAL THIS INVOICE \$756.18**

**Outstanding Invoices**

Number	Date	Balance
447076	7/15/2015	3,338.86
<b>Total</b>		<b>3,338.86</b>

**Total Now Due \$4,095.04**

Tax ID No: 04-2601194
<b>INVOICE</b>
PLEASE MAKE CHECKS PAYABLE TO: Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

August 31, 2015

Project No: 2140205

Invoice No: 449011

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through August 21, 2015**

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount
Labrie, Timothy	9.00	25.00	225.00
Wong, Kin	39.50	26.44	1,044.38
Totals	48.50		1,269.38
<b>Total Labor</b>			<b>1,269.38</b>

Overhead	160.00 % of 1,269.38	2,031.01	
Profit	10.00 % of 3,300.39	330.04	
<b>Total</b>		<b>2,361.05</b>	<b>2,361.05</b>
<b>Total this Phase</b>			<b>\$3,630.43</b>

Billing Limits	Current	Prior	To-Date
Total Billings	3,630.43	232,192.78	235,823.21
Limit			236,000.00
Remaining			176.79

**TOTAL THIS INVOICE** **\$3,630.43**

**Outstanding Invoices**

Number	Date	Balance
448221	8/11/2015	756.18
<b>Total</b>		<b>756.18</b>

**Total Now Due** **\$4,386.61**

Number: CWSRF - 3763

Exhibit B

LOAN DISBURSEMENT SCHEDULE

<u>Month/Year</u>	<u>ELIGIBLE</u>
Sep-14	\$877,338.26
Dec-14	\$24,738.84
Apr-15	\$46,165.68
Jun-15	\$43,032.00
Aug-15	\$12,105.00
Oct-15	\$223,895.00
<b>TOTAL:</b>	<b>\$1,227,274.78</b>

planning, permitting,  
design, construction,  
operation, maintenance

**Weston&Sampson®**

**Worcester, MA  
WSE Job No. 2140205.A**

October 1, 2015

Mr. Chris Palmer  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02114

Re: **Project No. CWSRF-3763, Loan No. CW-13-20** Worcester, MA  
Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project

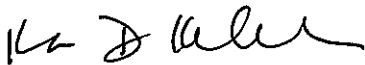
Dear Mr. Palmer:

On behalf of our client, the City of Worcester enclosed please find Payment Requisition No. 4 for the Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project. In addition to the required forms, copies of Weston & Sampson's invoices have been included for your use.

Please contact me with any questions that you have or if you require any additional information.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Kara D. Keleher, PE  
Project Manager

Enclosures

cc: Mr. K. Russell Adams, PE, Assistant Commissioner of Public Works & Parks  
Ms. Mariann Castelli Hier, Treasurer, City of Worcester  
Mr. Frank Occhipinti, PE, Weston & Sampson Engineers, Inc.

O:\Worcester MA\2140205 Lake Ave Construction Services\SRF Pay Requisitions\Pay Requisition No. 4 - DEP Cover Letter.docx

<b>SRF</b>	
<b>DMS OFFICE COPY</b>	
RECEIVED:	5-27-15
PRIORITY:	15-533
POOL:	18
TO TRUST:	5-28-15
REVIEWER:	CP

3

538

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION

PAYMENT REQUISITION

LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>3</u>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>City of Worcester</u> <u>455 Main Street</u> <u>Worcester, Massachusetts 01608</u>		PAYABLE TO: <u>City of Worcester</u> <u>Bank of America - Acct. # 0300070015</u>	
		PAYMENT METHOD: <u>WIRE TRANSFER</u> <u>ABA Routing # 026009593</u>	
EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ 183,673.06	\$ 36,414.90
Construction	\$ 834,708.78	\$ 685,843.43	\$ 13,144.56
Contingency	\$ 41,566.00	\$ -	\$ -
Administration - Police	\$ 115,000.00	\$ 3,688.00	\$ -
Totals	\$ 1,227,274.78	\$ 873,204.49	\$ 49,559.46
<b>CERTIFICATION OF THE BORROWER:</b> The Authorized Representative of the Borrower identified below certifies the following: (i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid; (ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and (iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.  Signature: <u>[Signature]</u> Date: <u>5/19/15</u> Print Name: <u>Edward M. Augustus, Jr.</u> Title: <u>City Manager</u>			
(To be completed by the DEP Division of Municipal Services)			
Amount Requested: <u>49,559.46</u>		Amount Approved: <u>49,558.72</u>	
Signature: <u>[Signature]</u>		Date: <u>5/20/2015</u>	
Print Name: <u>Steven McGarvey</u>			
Title: <u>DE of Program Developer</u>			

# LOAN SUMMARY

Loan No.: CWP-13-20  
 DMS Project No.: CWSRF 3763  
 Project Description: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project  
 Task/Contract No.: #S14-1

REQUEST NO.: 3  
 DATE: 4/15/2015

CONTRACT TASK	APPROVED LOAN	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	TOTAL REQUESTED REIMBURSEMENT	% COMP	OVERRUN
TECHNICAL SERVICES	\$ 236,000.00	\$ 183,673.06	\$ 36,414.90	\$ 220,087.96	93%	
CONSTRUCTION	\$ 834,708.78	\$ 685,843.43	\$ 13,144.56	\$ 698,987.99	84%	
CONTINGENCY	\$ 41,566.00	\$ -		\$ -	0%	
ADMINISTRATION - POLICE	\$ 115,000.00	\$ 3,688.00	\$ -	\$ 3,688.00	3%	
	\$ 1,227,274.78	\$ 873,204.49	\$ 49,559.46	\$ 922,763.95	75%	

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PERIODIC PAYMENT FORM**

(Contractor's Request)

LOAN NO.: CWP-13-20 DMS PROJECT NO.: CWSRF 3763 CONTRACT NO.: #S14-1				DESCRIPTION OF CONTRACT / TASK:  Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
CONTRACTOR NAME & ADDRESS: National Water Main Cleaning Company 25 Marshall Street Canton, MA 02021-2479				REQUEST NO.: <u>3</u>			
CONSULTANT ENGINEER NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 10/1/14 To 1/31/15  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Construction	\$ 834,708.78	82%	\$ 685,843.43	\$ 13,144.56	84%	\$ 698,987.99	\$ 135,720.79
<b>MBE/WBE Subcontractors</b>							
Jimenez & Son Construction (MBE)	\$ 25,000.00	44%	\$ 11,042.89		44%	\$ 11,042.89	\$ 13,957.11
Mill City Environmental (MBE)	\$ 58,131.54	158%	\$ 92,050.64		158%	\$ 92,050.64	\$ (33,919.10)
Lindon Group (WBE)	\$ 41,565.77	75%	\$ 31,081.74		75%	\$ 31,081.74	\$ 10,484.03
<b>Total</b>	\$ 834,708.78	82%	\$ 685,843.43	\$ 13,144.56	84%	\$ 698,987.99	\$ 135,720.79

I certify that to the best of my belief and knowledge, (i) that the attached invoices are in accordance with the specifications of the approved project plans; and (ii) that all work in place as of this date are in accordance with the terms of the above referenced Construction Contract.	BY THE CONTRACTOR	Certified by: Type Name and Title: James Fleming Project Manager	Date Signed 5/7/2015  Telephone (617) 590-9222
	BY THE CONSULTING ENGINEER	Recommended by: Type Name and Title: Frank E. Occhipinti, PE Team Leader	Date Signed 5/18/15  Telephone (978) 532-1900 ext. 2383
	BY THE PROJECT INSPECTOR	THE WORK AS INVOICED HERE TO DATE APPEARS REASONABLE AND THE REQUESTED REIMBURSEMENT IS ACCURATE  SIGNATURE Daniel J. Roman PRINT NAME DEPI/BRP PROJECT INSPECTOR	Date Signed 6/12/15  Telephone 617-652-5710

FORM BMF-2000



**CONTRACT INVOICE SUMMARY**

Loan No.:	CWP-13-20	Approved Contract:	\$834,708.78
DMS Project No.:	CWSRF 3763		
Description:	Construction		
Task/Contract No.:	#S14-1	Request No.:	3

**Contract**

To:	City of Worcester 20 East Worcester Street Worcester, MA 01604	Project:	Lake Ave Pump Station Area Sewer System <input type="checkbox"/> Rehabilitation	Estimate No. 6	Page 1
		Bid #	613S-W4	Date: 11/14/14	
From:	National Water Main Cleaning Co. 25 Marshall Street Canton, MA 02021	Engineer:	Weston & Sampson Engineers, Inc. Five Centennial Drive Peabody, MA 01960-7985 Attn: Frank Occipinti	Period: 10/1/14-10/31/14	
				Project #	613S-W4
				Job #	WOR001-2

Application is made for Payment, as shown below, in connection with the Contract.

CHARGE ORDER SUMMARY			ADDITIONS	DEDUCTIONS
Charge Orders approved in previous months by owner.				
Total:				
Approved this Month				
Number	Date Approved			
			\$0.00	
Totals				
Net change by charge orders				

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

Date: 11/14/2014

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$9,750.78

Date: 11/16/2014

City of Worcester  
Amount Certified:  
\$9,750.78

By:

Date:

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	50.00
3) CONTRACT SUM TO DATE	<u>\$831,315.43</u>
4) TOTAL COMPLETED & STORED TO DATE	\$816,323.96
5) RETAINAGE:	
a. 3% of completed work	\$24,816.32
b. withholdings	\$79,912.55
totals a. & b.	<u>\$120,729.75</u>
6) TOTAL EARNED LESS RETAINAGE	\$695,584.21
7) LESS PREVIOUS ESTIMATES	<u>\$685,843.43</u>
8) PAYMENT DUE THIS ESTIMATE	\$9,750.78
9) BALANCE TO FINISH, PLUS RETAINAGE	<u>\$135,721.22</u>

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6) TOTAL EARNED LESS RETAINAGE	\$695,594.21
7) LESS PREVIOUS ESTIMATES	\$695,843.43
8) PAYMENT DUE THIS ESTIMATE	\$9,750.78
9) BALANCE TO FINISH, PLUS RETAINAGE	\$135,721.22



# APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

From: National Water Main Cleaning Co.  
25 Marshall Street  
Canton, MA 02021

Project: Lake Ave Pump Station Area Sewer System I/I Rehabilitation

Bid # 6138-W4

Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
Attn: Frank Occipiani

Estimate No. 7

Date: 02.16.20

Period: 11/01/2014 - 01/31/2015

Project # 6138-W4

Job # WOR001-2

Page 1

## CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner.			
Total			
Approved this Month			
Number	09/23/2015		
1		\$515,143.78	
Totals		\$515,143.78	
Net change by change orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

By: *Frank Occipiani* Date: 3/10/15

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$28,161.59

By: *Ken D. Keel* Date: 3/12/15

Application is made for Payment, as shown below, in connection with the Contract.

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$515,143.78
3) CONTRACT SUM TO DATE	\$1,346,459.21
4) TOTAL COMPLETED & STORED TO DATE	\$845,967.74
5) RETAINAGE:	
a. 5% of completed work	\$42,298.39
b. withholdings	\$7,913.56
total a & b	\$122,211.94
6) TOTAL EARNED LESS RETAINAGE	\$723,755.80
7) LESS PREVIOUS ESTIMATES	\$695,594.21
8) PAYMENT DUE THIS ESTIMATE	\$28,161.59
9) BALANCE TO FINISH, PLUS RETAINAGE	\$822,703.41

City of Worcester  
Amount Certified:  
\$28,161.59

By: \_\_\_\_\_ Date: \_\_\_\_\_

*Ken D. Keel*  
*3/12/15*  
*#1*

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System III

Bid # 6132-W4

Page 2

Estimate No. 7  
Date: 02/16/2015  
Period: 11/01/2014 - 01/31/2015  
Job # WOR001-2

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period est. qty.	Withholding	10%	previous estimates est. qty.	amount	Withholding	10%	work completed to date est. qty.	Amount	Withholding	10%	percent complete					
220 DB	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2	EA	\$7,676.25	\$15,352.50		\$0.00	\$0.00	1.00	\$7,676.25	\$767.63	\$76.76	1.00	\$7,676.25	\$767.63	\$76.76	59%					
601	Chemical Root Treatment of Manholes and exterior Sealing	567	LF	\$148.00	\$83,916.00	0.00	\$0.00	\$0.00	525.49	\$77,172.52	\$7,717.25	\$771.73	525.49	\$77,172.52	\$7,717.25	\$771.73	95%					
602	Chemical Root Treatment of Manholes	24	EA	\$110.00	\$2,640.00	0.00	\$0.00	\$0.00	24.00	\$2,640.00	\$264.00	\$26.40	24.00	\$2,640.00	\$264.00	\$26.40	100%					
603	Rebuild Manhole Bench and Invert	4	EA	\$1,455.00	\$5,980.00	0.00	\$0.00	\$0.00	3.00	\$4,485.00	\$448.50	\$44.85	3.00	\$4,485.00	\$448.50	\$44.85	75%					
604	Rebuild Manhole Frame and Covers	1	EA	\$881.25	\$881.25	0.00	\$0.00	\$0.00	1.00	\$881.25	\$88.13	\$8.81	1.00	\$881.25	\$88.13	\$8.81	100%					
605	Cleaning and Inspection of 8" Sewers	17408	LF	\$1.00	\$17,409.00	0.00	\$0.00	\$0.00	16296.20	\$16,296.20	\$1,629.62	\$162.96	16296.20	\$16,296.20	\$1,629.62	\$162.96	94%					
606	Cleaning and Inspection of 10" Sewers	4076	LF	\$2.00	\$8,156.00	0.00	\$0.00	\$0.00	3682.50	\$7,365.00	\$736.50	\$73.65	3682.50	\$7,365.00	\$736.50	\$73.65	90%					
607	Cleaning and Inspection of 12" Sewers	648	LF	\$2.00	\$1,298.00	0.00	\$0.00	\$0.00	1,117.00	\$2,234.00	\$223.40	\$22.34	1,117.00	\$2,234.00	\$223.40	\$22.34	172%					
608	Testing of 8" Joints	4247	Joints	\$3.60	\$15,015.50	0.00	\$0.00	\$0.00	3,448.00	\$12,552.00	\$1,255.20	\$125.52	3,448.00	\$12,552.00	\$1,255.20	\$125.52	81%					
609	Testing of 10" Joints	727	Joints	\$34.00	\$24,718.00	0.00	\$0.00	\$0.00	573.00	\$19,482.00	\$1,948.20	\$194.82	573.00	\$19,482.00	\$1,948.20	\$194.82	79%					
610	Testing of 12" Joints	216	Joints	\$30.00	\$6,480.00	0.00	\$0.00	\$0.00	205.00	\$6,150.00	\$615.00	\$61.50	205.00	\$6,150.00	\$615.00	\$61.50	95%					
611	Sealing of 8" Joints	4247	Joints	\$1.00	\$4,247.00	0.00	\$0.00	\$0.00	1,658.00	\$1,658.00	\$165.80	\$16.58	1,658.00	\$1,658.00	\$165.80	\$16.58	39%					
612	Sealing of 10" Joints	727	Joints	\$1.00	\$727.00	0.00	\$0.00	\$0.00	21.00	\$21.00	\$2.10	\$0.21	21.00	\$21.00	\$2.10	\$0.21	3%					
613	Sealing of 12" Joints	216	Joints	\$1.00	\$216.00	0.00	\$0.00	\$0.00	39.00	\$39.00	\$3.90	\$0.39	39.00	\$39.00	\$3.90	\$0.39	18%					
614	Chemical Root Treatment of 8" Sewer Line	5022	LF	\$1.59	\$8,398.38	0.00	\$0.00	\$0.00	4,988.00	\$7,930.92	\$793.09	\$79.31	4,988.00	\$7,930.92	\$793.09	\$79.31	94%					
615	CIPP Short Liner for 8" Sewers	453	LF	\$312.50	\$141,562.50	0.00	\$0.00	\$0.00	449.00	\$140,312.50	\$14,031.25	\$1,403.13	449.00	\$140,312.50	\$14,031.25	\$1,403.13	99%					
616	CIPP Short Liner for 10" Sewers	42	LF	\$317.50	\$13,335.00	0.00	\$0.00	\$0.00	44.00	\$13,970.00	\$1,397.00	\$139.70	44.00	\$13,970.00	\$1,397.00	\$139.70	105%					
617	CIPP Short Liner for 12" Sewers	28	LF	\$327.50	\$9,170.00	0.00	\$0.00	\$0.00	26.00	\$8,515.00	\$851.50	\$85.15	26.00	\$8,515.00	\$851.50	\$85.15	92%					
618	CIPP for 8" Sewers	5587	LF	\$38.40	\$214,540.80	0.00	\$0.00	\$0.00	5,539.80	\$224,248.32	\$22,424.83	\$2,242.48	5,539.80	\$224,248.32	\$22,424.83	\$2,242.48	105%					
619	CIPP for 10" Sewers	1010	LF	\$41.00	\$41,410.00	0.00	\$0.00	\$0.00	827.50	\$33,927.50	\$3,392.75	\$339.28	827.50	\$33,927.50	\$3,392.75	\$339.28	87%					
620	CIPP for 12" Sewers	16	LF	\$315.00	\$5,040.00	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0%					
621	Cut Penetrating Service Connections	5	EA	\$300.00	\$1,500.00	0.00	\$0.00	\$0.00	3.00	\$900.00	\$90.00	\$9.00	3.00	\$900.00	\$90.00	\$9.00	60%					
622	TV Inspection and Testing of Services Connections	136	EA	\$400.00	\$54,400.00	0.00	\$0.00	\$0.00	262.00	\$104,800.00	\$10,480.00	\$1,048.00	262.00	\$104,800.00	\$10,480.00	\$1,048.00	193%					
623	GROUT Service Connections	136	EA	\$10.00	\$1,360.00	0.00	\$0.00	\$0.00	255.00	\$2,550.00	\$255.00	\$25.50	255.00	\$2,550.00	\$255.00	\$25.50	188%					
624	Mobilization	1	Lump sum	\$13,255.00	\$13,255.00	0.00	\$0.00	\$0.00	0.50	\$6,617.50	\$0.00	\$0.00	0.50	\$6,617.50	\$0.00	\$0.00	50%					
CO #1	Additional work for pipe encasement for Excesswater point repair	1	LS	\$3,293.78	\$3,293.78	1.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	1.00	\$3,293.78	\$0.00	\$0.00	100%					
1 LS	Mobilization	1	LS	\$7,500.00	\$7,500.00	0.50	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.50	\$3,750.00	\$0.00	\$0.00	50%					
1 LS	Construct/Reassemble Denison Basin	1	LS	\$45,000.00	\$45,000.00	0.50	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.50	\$22,500.00	\$0.00	\$0.00	50%					
1 LS	Manage Soil Stabilization	1	LS	\$55,000.00	\$55,000.00	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0%					
15 EA	Lime Sacs	15	EA	\$750.00	\$11,250.00	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0%					
1 LS	Removal of Debris from Influent Conduit	1	LS	\$393,000.00	\$393,000.00	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0%					
Totals														\$	\$39,643.78	\$0.00	\$0.00	\$0.00	\$79,931.55	\$79,931.55	\$7,993.16	63%

work done this estimate  
less withholdings  
total due this est.

\$29,643.78  
\$0.00  
\$29,643.78

total completed to date  
less withholdings  
retainage (5%)  
subtotal  
less previous estimates  
balance due

\$845,967.74  
\$79,913.55  
\$22,286.39  
\$723,755.80  
\$695,494.21  
\$28,161.59

(\$0.00)

National Water Main Cleaning Company  
 Supplemental Spreadsheet  
 City of Worcester, MA  
 WOR001-2  
 Worcester, MA

Invoice #: 28936

CHANGE ORDER #1											INVOICE #	28938
Date	Street	Manhole		Pipe Size	Additional Work for Pipe encasement	LS	\$7,500.00	Construct/Dismantle Denison Basin	EA	\$13,235.00	Total Rev.	
		From	To						Grout SC	Mobilization/Demobilization		
01/06/15	Set up job					1	0.5				\$ 7,143.78	
01/07/15	Dig up Pipe										-	
01/08/15	Dig up Pipe										-	
01/09/15	Dig up Pipe										-	
01/12/15	Dig up Pipe										-	
01/13/15	Assist Stealco										-	
01/14/15	Set up dig site										-	
01/15/15	Herman St	24994	24993	32x48							-	
01/15/15	Herman St	24993	28044	32x48							-	
01/15/15	Set up dump site										-	
01/16/15	Set up dump site							0.5			22,500.00	
01/17/15	Set up dump site										-	
01/19/15	Work on Site										-	
01/20/15	Work on Site										-	
01/21/15	Work on Site										-	
01/22/15	Work on Site										-	
01/23/15	Work on Site										-	
01/24/15	Work on Site										-	
01/28/15	Work on Site										-	
01/29/15	Snow removal										-	
01/30/15	Snow removal										-	
					1.00	0.50	0.50		0.00		\$ 29,843.78	

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

(Consultant Engineer's Request and Certification)

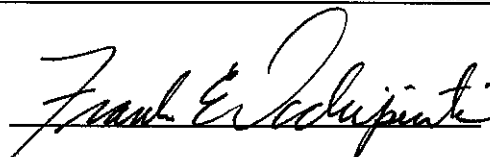
LOAN NO. : CWP-13-20 DMS PROJECT NO. : CWSRF 3763 CONTRACT No. #S14-1	DESCRIPTION OF PROJECT: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project
LEGAL NAME OF BORROWER: City of Worcester	REQUEST No. <u>3</u>
CONSULTANT NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960	PAYMENT PERIOD: From 10/25/2014 To 3/27/2015 CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Technical Services	\$ 236,000.00	78%	\$ 183,673.06	\$ 36,414.90	93%	\$ 220,087.96	\$ 15,912.04
<b>MBE/WBE Subcontractors</b>							
Stacey DePasquale Engineering	\$ 8,968.00	0%	\$ -	\$ 8,778.28	98%	\$ 8,778.28	\$ 189.72
Vaidya Consultants	\$ 8,024.00	98%	\$ 7,873.10		98%	\$ 7,873.10	\$ 150.90
<b>Totals</b>	<b>\$ 236,000.00</b>	<b>78%</b>	<b>\$ 183,673.06</b>	<b>\$ 36,414.90</b>	<b>93%</b>	<b>\$ 220,087.96</b>	<b>\$ 15,912.04</b>

The Borrower's Consultant Engineer identified herein certifies as follows: 1) the attached invoices and supporting documentation are for project costs for work actually performed or material or property actually supplied prior to the date of this requisition in conformity with the plans and specifications approved by the Department, or in the case of substantial deviations from the approved plans and specifications, the attached documentation demonstrates that all such deviations have been authorized and certified to by the Borrower or it's Consultant Engineer in accordance with M.G.L. c 30, ss39I and are project costs.

BY THE CONSULTING ENGINEER

Certified by:



Date Signed

5/18/15

Type Name and Title:

Frank E. Occhipinti, PE  
Team Leader

Telephone

(978) 532-1900  
ext. 2383



Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson**  
ENGINEERS, INC.

December 15, 2014

Project No: 2140205

Invoice No: 440223

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through November 21, 2014**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
David, Andrea	.50	17.41	8.71	
Gallucci, Donald	5.00	79.33	396.65	
Keleher, Kara	2.00	40.87	81.74	
Occhipinti, Frank	39.50	56.25	2,221.88	
Totals	47.00		2,708.98	
<b>Total Labor</b>				<b>2,708.98</b>

Overhead	192.00 % of 2,708.98	5,201.24	
Profit	10.00 % of 7,910.22	791.02	
<b>Total</b>		<b>5,992.26</b>	<b>5,992.26</b>

**Total this Phase \$8,701.24**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	8,701.24	177,418.84	186,120.08
Limit			236,000.00
Remaining			49,879.92

**TOTAL THIS INVOICE \$8,701.24**

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances





Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
**ENGINEERS, INC.**

January 19, 2015

Project No: 2140205

Invoice No: 441233

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through December 26, 2014**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
David, Andrea	1.00	17.41	17.41	
Elliott, Jocelyn	.50	19.00	9.50	
Gallucci, Donald	2.00	79.33	158.66	
Keleher, Kara	18.00	40.87	735.66	
Occhipinti, Frank	9.50	56.25	534.38	
Sheahan, Daniel	1.00	60.58	60.58	
Souza, Aaron	12.00	28.63	343.56	
Totals	44.00		1,859.75	
<b>Total Labor</b>				<b>1,859.75</b>

Overhead	192.00 % of 1,859.75	3,570.72	
Profit	10.00 % of 5,430.47	543.05	
<b>Total</b>		<b>4,113.77</b>	<b>4,113.77</b>

**Total this Phase \$5,973.52**

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Stern, Jason	1.00	18.00	18.00	
Totals	1.00		18.00	
<b>Total Labor</b>				<b>18.00</b>

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	441233
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Overhead	160.00 % of 18.00	28.80	
Profit	10.00 % of 46.80	4.68	
<b>Total</b>		<b>33.48</b>	<b>33.48</b>

**Total this Phase \$51.48**

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	6,025.00	186,120.08	192,145.08
Limit			236,000.00
Remaining			43,854.92

**TOTAL THIS INVOICE \$6,025.00**

**Outstanding Invoices**

Number	Date	Balance
440223	12/15/2014	8,701.24
<b>Total</b>		<b>8,701.24</b>

**Total Now Due \$14,726.24**

Tax ID No: 04-2601194
<b>INVOICE</b>
<b>PLEASE MAKE CHECKS PAYABLE TO:</b>
Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

February 05, 2015

Project No: 2140205

Invoice No: 442069

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through January 23, 2015**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Gallucci, Donald	1.00	79.33	79.33	
Labrie, Timothy	10.50	25.00	262.50	
Souza, Aaron	90.00	29.78	2,680.20	
Totals	101.50		3,022.03	
<b>Total Labor</b>				<b>3,022.03</b>

Overhead	192.00 % of 3,022.03	5,802.30	
Profit	10.00 % of 8,824.33	882.43	
<b>Total</b>		<b>6,684.73</b>	<b>6,684.73</b>
	<b>Total this Phase</b>		<b>\$9,706.76</b>

Billing Limits	Current	Prior	To-Date
Total Billings	9,706.76	192,145.08	201,851.84
Limit			236,000.00
Remaining			34,148.16

**TOTAL THIS INVOICE**

**\$9,706.76**

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	442069
<b>Outstanding Invoices</b>				
	<b>Number</b>	<b>Date</b>	<b>Balance</b>	
	441233	1/19/2015	6,025.00	
	<b>Total</b>		<b>6,025.00</b>	
			<b>Total Now Due</b>	<b>\$15,731.76</b>

Tax ID No: 04-2601194
<b>INVOICE</b>
PLEASE MAKE CHECKS PAYABLE TO: Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson**  
ENGINEERS, INC.

March 11, 2015

Project No: 2140205

Invoice No: 443164

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through February 20, 2015**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount
Keleher, Kara	2.00	44.42	88.84
Occhipinti, Frank	1.00	60.41	60.41
Totals	3.00		149.25
<b>Total Labor</b>			<b>149.25</b>

Overhead	192.00 % of 149.25	286.56
Profit	10.00 % of 435.81	43.58
<b>Total</b>		<b>330.14</b>

**Total this Phase \$479.39**

Billing Limits	Current	Prior	To-Date
Total Billings	479.39	201,851.84	202,331.23
Limit			236,000.00
Remaining			33,668.77

**TOTAL THIS INVOICE**

**\$479.39**

**Outstanding Invoices**

Number	Date	Balance
442069	2/5/2015	9,706.76
<b>Total</b>		<b>9,706.76</b>

**Total Now Due \$10,186.15**

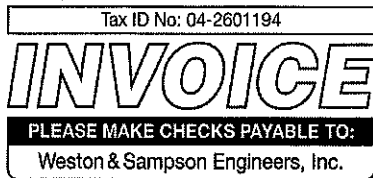
Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

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Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	443164
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Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

April 08, 2015

Project No: 2140205

Invoice No: 444106

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH I CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through March 27, 2015**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Burke, David	1.00	52.00	52.00	
David, Andrea	.50	18.28	9.14	
Keleher, Kara	2.00	44.42	88.84	
Perotti, Kate	1.00	32.72	32.72	
Totals	4.50		182.70	
<b>Total Labor</b>				<b>182.70</b>

Overhead	192.00 % of 182.70		350.78	
Profit	10.00 % of 533.48		53.35	
<b>Total</b>			<b>404.13</b>	<b>404.13</b>
<b>Total this Phase</b>				<b>\$586.83</b>

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Souza, Aaron	26.00	29.78	774.28	
Totals	26.00		774.28	
<b>Total Labor</b>				<b>774.28</b>

Overhead	160.00 % of 774.28		1,238.85	
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Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	444106
---------	---------	-------------------------------------	---------	--------

Profit	10.00 % of 2,013.13	201.31	
<b>Total</b>		<b>1,440.16</b>	<b>1,440.16</b>

**Total this Phase** **\$2,214.44**

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	2,801.27	202,331.23	205,132.50
Limit			236,000.00
Remaining			30,867.50

**TOTAL THIS INVOICE** **\$2,801.27**

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
443164	3/11/2015	479.39
<b>Total</b>		<b>479.39</b>

**Total Now Due** **\$3,280.66**



Approved Contract: **\$236,000.00**

Request No.: 3  
Date: 4/15/201

## Consult

Number: CWSRF - 3763

Exhibit B

LOAN DISBURSEMENT SCHEDULE

<u>Month/Year</u>	<u>ELIGIBLE</u>
Sep-14	\$877,338.26
Dec-14	\$24,738.84
Apr-15	\$46,165.68
Jun-15	\$43,032.00
Oct-15	\$236,000.00
TOTAL:	\$1,227,274.78

SRF DMS OFFICE COPY	
RECEIVED:	12-1-14
PRIORITY:	15-279
POOL:	18
TO TRUST:	12-1-14
REVIEWER:	CP

(2)

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

LOAN NO: <u>CWP-13-20</u> DMS PROJECT NO: <u>CWSRF 3763</u>		REQUEST NO: <u>2</u>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>City of Worcester</u> <u>455 Main Street</u> <u>Worcester, Massachusetts 01608</u>		PAYABLE TO: <u>City of Worcester</u> <u>Bank of America - Acct. # 0300070015</u>	
		PAYMENT METHOD: <u>WIRE TRANSFER</u> <u>ABA Routing # 026009593</u>	

EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ 158,934.22	\$ 24,738.84
Construction	\$ 831,315.00	\$ 685,843.43	\$
Contingency	\$ 41,566.00	\$	\$
Administration - Police	\$ 115,000.00	\$ 3,688.00	\$
<b>Totals</b>	\$ 1,223,881.00	\$ 848,465.65	\$ 24,738.84

**CERTIFICATION OF THE BORROWER:**  
The Authorized Representative of the Borrower identified below certifies the following:  
(i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;  
(ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement; exists; and  
(iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.

Signature: [Signature] Date: 1/24/14  
Print Name: Edward M. Augustus, Jr.  
Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: \$24,738.84 Amount Approved: \$24,738.84  
Signature: [Signature] Date: 12/11/2014  
Print Name: STEVEN J. McGurda  
Title: Director of Property Development

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>2</u>	
LEGAL NAME AND ADDRESS OF BORROWER: City of Worcester 455 Main Street Worcester, Massachusetts 01608		PAYABLE TO: City of Worcester Bank of America - Acct. # 0300070015	
		PAYMENT METHOD: WIRE TRANSFER ABA Routing # 026009593	
EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ 158,934.22	\$ 24,738.84
Construction	\$ 831,315.00	\$ 685,843.43	\$ -
Contingency	\$ 41,566.00	\$ -	\$ -
Administration - Police	\$ 115,000.00	\$ 3,688.00	\$ -
Totals	\$ 1,223,881.00	\$ 848,465.65	\$ 24,738.84

**CERTIFICATION OF THE BORROWER:**

The Authorized Representative of the Borrower identified below certifies the following:

(i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;

(ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and

(iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: Edward M. Augustus, Jr.

Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: \$24,738.84    Amount Approved: \$24,738.84

Signature: \_\_\_\_\_    Date: \_\_\_\_\_

Print Name: STEVEN J. McGURDY

Title: DIRECTOR OF PROGRAM DEVELOPMENT

# LOAN SUMMARY

Loan No.: CWP-13-20  
 DMS Project No.: CWSRF 3763  
 Project Description: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project  
 Task/Contract No.: #S14-1

REQUEST NO.: 2  
 DATE: 11/21/14

CONTRACT TASK	APPROVED LOAN	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	TOTAL REQUESTED REIMBURSEMENT	% COMP	OVERRUN
TECHNICAL SERVICES	\$ 236,000.00	\$ 158,934.22	\$ 24,738.84	\$ 183,673.06	78%	
CONSTRUCTION	\$ 831,315.00	\$ 685,843.43	-	\$ 685,843.43	83%	
CONTINGENCY	\$ 41,566.00	-		\$ -	0%	
ADMINISTRATION - POLICE	\$ 115,000.00	\$ 3,688.00	-	\$ 3,688.00	3%	
	\$ 1,223,881.00	\$ 848,465.65	\$ 24,738.84	\$ 873,204.49	71%	

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

(Consultant Engineer's Request and Certification)

LOAN NO. : CWP-13-20 DMS PROJECT NO. : CWSRF 3763 CONTRACT No. : #S14-1				DESCRIPTION OF PROJECT: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
LEGAL NAME OF BORROWER: City of Worcester				REQUEST No. : <u>2</u>			
CONSULTANT NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 10/1/2014 To 10/24/2014  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Technical Services	\$ 236,000.00	67%	\$ 158,934.22	\$ 24,738.84	78%	\$ 183,673.06	\$ 52,326.94
<b>MBE/WBE Subcontractors</b>							
Stacey DePasquale Engineering	\$ 8,968.00	0%	\$ -	\$ 8,778.28	98%	\$ 8,778.28	\$ 189.72
Vaidya Consultants	\$ 8,024.00	98%	\$ 7,873.10		98%	\$ 7,873.10	\$ 150.90
<b>Totals</b>	<b>\$ 236,000.00</b>	<b>67%</b>	<b>\$ 158,934.22</b>	<b>\$ 24,738.84</b>	<b>78%</b>	<b>\$ 183,673.06</b>	<b>\$ 52,326.94</b>

The Borrower's Consultant Engineer identified herein certifies as follows: If the attached invoices and supporting documentation are for project costs for work actually performed or material or property actually supplied prior to the date of this requisition in conformity with the plans and specifications approved by the Department, or in the case of substantial deviations from the approved plans and specifications, the attached documentation demonstrates that all such deviations have been authorized and certified to by the Borrower or its Consultant Engineer in accordance with M.G.L. c. 30A, § 39I and are project costs.

**BY THE CONSULTING ENGINEER**

Certified by:

Type Name and Title: Frank E. Occhipinti, PE  
Team Leader

Date Signed: 11/21/14

Telephone: (978) 532-1900  
ext. 2383

Loan No.: CWP-13-2D  
DMS Project No.: CWSRF 3763  
Description: Technical Services  
Task/Contract No.: #S14-1

## Consult





Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

November 12, 2014

Project No: 2140205

Invoice No: 439175

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through October 24, 2014**

Phase	A	PHASE A-OFFICE SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Burke, David		2.50	50.48	126.20
David, Andrea		4.00	17.41	69.64
Gallucci, Donald		4.00	79.33	317.32
Keleher, Kara		24.50	40.87	1,001.32
Occhipinti, Frank		17.00	56.25	956.25
Sheahan, Daniel		2.50	60.58	151.45
	Totals	54.50		2,622.18
	Total Labor			2,622.18
Overhead		192.00 % of 2,622.18		5,034.59
Profit		10.00 % of 7,656.77		765.68
	Total			5,800.27
				5,800.27
Total this Phase				\$8,422.45

Phase	B	PHASE B-FIELD SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Pion, Gregory		51.50	43.75	2,253.13
	Totals	51.50		2,253.13
	Total Labor			2,253.13
Overhead		160.00 % of 2,253.13		3,605.01

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	439175
Profit		10.00 % of 5,858.14	585.81	
	<b>Total</b>		<b>4,190.82</b>	<b>4,190.82</b>
<b>Consultants</b>				
	Stacey DePasquale Engineering Inc.		8,778.28	
	<b>Total Consultants</b>	<b>1.1 times</b>	<b>8,778.28</b>	<b>9,656.11</b>
<b>Reimbursable Expenses</b>				
	Pion, Gregory		5.75	
	<b>Total Reimbursables</b>	<b>1.1 times</b>	<b>5.75</b>	<b>6.33</b>
<b>Unit Billing</b>				
Auto Expense				<b>210.00</b>
<b>Total this Phase</b>				<b>\$16,316.39</b>
<b>Billing Limits</b>				
		<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
	Total Billings	24,738.84	152,680.00	177,418.84
	Limit			236,000.00
	Remaining			58,581.16
<b>TOTAL THIS INVOICE</b>				<b>\$24,738.84</b>



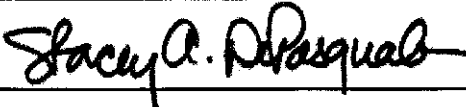
354 Merrimack Street, Suite 200  
Lawrence, MA 01843-1755  
p| 978.975.0500  
e| info@sde-inc.com  
sde-inc.com

## Invoice

Bill To

Kara Keleher, P.E.  
Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960

Date	Invoice #
10/18/2014	14-122

Description	Quantity	Rate	Amount
Lake Avenue Pump Station Area Sewer System I/I Rehabilitation Project - Phase 1 Worcester, Massachusetts			
Period of Service: September 1, 2014 through September 30, 2014			
Resident Project Representative	105.5	70.00	7,385.00
Reimbursable Expenses	1,063	0.56	595.28
Profit		798.00	798.00
			<b>Total</b>
			<b>\$8,778.28</b>

Total Outstanding Due: \$8,778.28

**Worcester, MA  
WSE Job No. 2140205.A**

November 21, 2014

Mr. Chris Palmer  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02114

Re: **Project No. CWSRF-3763, Loan No. CW-13-20** Worcester, MA  
Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project

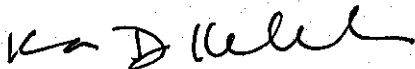
Dear Mr. Palmer:

On behalf of our client, the City of Worcester enclosed please find Payment Requisition No. 2 for the Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project. In addition to the required forms, a copy of Weston & Sampson's invoice, along with a copy of the invoice submitted by our WBE subconsultant, Stacey DePasquale Engineering, Inc., have been included for your use.

Please contact me with any questions that you have or if you require any additional information.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Kara D. Keleher, PE  
Project Manager

Enclosures

cc: Mr. K. Russell Adams, PE, Assistant Commissioner of Public Works & Parks  
Ms. Mariann Castelli Hier, Treasurer, City of Worcester  
Mr. Frank Occhipinti, PE, Weston & Sampson Engineers, Inc.

O:\Worcester MA\2140205 Lake Ave Construction Services\SRF Pay Requisitions\Pay Requisition No. 2 - DEP Cover Letter.docx

<b>SRF DMS OFFICE COPY</b>
RECEIVED: 11-12-14
PRIORITY: 15-235
POOL: 18
TO TRUST: 11-13-14
REVIEWER: CP

①

ORIGINAL BMF 3000  
 Revised to Reflect  
 Actual INVOICE backup  
 See EMAIL FROM  
 Kara Meleher - W&S  
 CP  
 11/10/14

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

LOAN NO.: <u>CWP-13-20</u> DMS PROJECT NO.: <u>CWSRF 3763</u>		REQUEST NO.: <u>1</u>	
LEGAL NAME AND ADDRESS OF BORROWER: City of Worcester 455 Main Street Worcester, Massachusetts 01608		PAYABLE TO: City of Worcester Bank of America - Acct. # 0300070015	
		PAYMENT METHOD: WIRE TRANSFER ABA Routing # 026009593	
EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Technical Expense	\$ 236,000.00	\$ -	\$ <del>187,806.83</del> <u>158,934.22</u>
Construction	\$ 831,315.00	\$ -	\$ 685,843.43
Contingency	\$ 41,566.00	\$ -	\$ -
Administration - Police	\$ 115,000.00	\$ -	\$ 3,688.00
<b>Totals</b>	\$ 1,223,881.00	\$ -	\$ <del>848,465.65</del> <u>848,465.65</u>
			\$ <del>877,338.26</del>

**CERTIFICATION OF THE BORROWER:**

The Authorized Representative of the Borrower identified below certifies the following:

- (i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;
- (ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and
- (iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of this requisition less retainage

Signature: [Signature] Date: 10/30/14  
 Print Name: Edward M. Augustis, Jr.  
 Title: City Manager

(To be completed by the DEP Division of Municipal Services)

Amount Requested: 848,465.65 Amount Approved: \$848,465.65  
 Signature: [Signature] Date: 11/13/2014  
 Print Name: Steven J. McCady  
 Title: DIRECTOR OF PROGRAM DEVELOPMENT

Loan No.: **CWP-13-20**  
DMS Project No.: **CWSRF 3763**  
Project Description: **Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project**  
Task/Contract No.: **#S14-1**

REQUEST NO.: 1  
DATE: 10/24/14

[illegible]

## Summary

Loan No.: **CWP-13-20**  
DMS Project No.: **CWSRF 3763**  
Project Description: **Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project**  
Task/Contract No.: **#S14-1**

REQUEST NO.: **1**  
DATE: **10/24/14**

## Summary



**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PERIODIC PAYMENT FORM**

(Contractor's Request)

LOAN NO. : CWP-13-20 DMS PROJECT NO.: CWSRF 3763 CONTRACT NO.: #S14-1				DESCRIPTION OF CONTRACT / TASK:  Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
CONTRACTOR NAME & ADDRESS: National Water Main Cleaning Company 25 Marshall Street Canton, MA 02021-2479				REQUEST NO.: <u>1</u>			
CONSULTANT ENGINEER NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 4/1/2014 To 9/30/2014			
				CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Construction	\$ 831,315.00	0%	\$ -	\$ 685,843.43	83%	\$ 685,843.43	\$ 145,471.57
<b>MBE/WBE Subcontractors</b>							
Jimenez & Son Construction (MBE)	\$ 25,000.00	0%	\$ -	\$ 11,042.89	44%	\$ 11,042.89	\$ 13,957.11
Mill City Environmental (MBE)	\$ 58,131.54	0%	\$ -	\$ 92,050.64	158%	\$ 92,050.64	\$ (33,919.10)
Lindon Group (WBE)	\$ 41,565.77	0%	\$ -	\$ 31,081.74	75%	\$ 31,081.74	\$ 10,484.03
<i>Total</i>	\$ 831,315.00	0%	\$ -	\$ 685,843.43	83%	\$ 685,843.43	\$ 145,471.57

I certify that to the best of my belief and knowledge, (i) that the attached invoices are in accordance with the specifications of the approved project plans; and (ii) that all work in place as of this date are in accordance with the terms of the above referenced Construction Contract.	BY THE CONTRACTOR	Certified by: Type Name and Title: James Fleming Project Manager	Date Signed	10/22/2014
			Telephone	(617) 590-9222
	BY THE CONSULTING ENGINEER	Recommended by: Type Name and Title: Frank E. Occhipinti, PE Team Leader	Date Signed	10/29/14
			Telephone	(978) 532-1900 ext. 2427
	BY THE PROJECT INSPECTOR	THE WORK AS INVOICED HERE TO DATE APPEARS REASONABLE AND THEREFORE RECOMMENDED FOR LOAN DISBURSEMENT  SIGNATURE PATRICIA A. LOPEZ PRINT NAME	Date Signed	11/18/14
			Telephone	608-767-2711
DEP/ BRP PROJECT INSPECTOR				

**CONTRACT INVOICE SUMMARY**

Loan No.: CWP-13-20	Approved Contract:
DMS Project No.: CWSRF 3763	<b>\$831,315.00</b>

Request No.: 1  
Date: 10/24/14

REQUEST NUMBER	CONTRACTOR	INVOICE NO.	DATE	ELIGIBLE INVOICE AMOUNT	5% RETAINAGE & 10% ACCEPTANCE	NET INVOICE	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	COMMENTS
1	NWMCC	1	9-Jun-14	\$17,788.42	\$949.42	\$16,839.00		\$16,839.00 ✓	
2	NWMCC	2	17-Jul-14	\$246,238.40	\$36,935.76	\$209,302.64		\$209,302.64 ✓	
3	NWMCC	3	5-Aug-14	\$227,993.87	\$34,199.08	\$193,794.79		\$193,794.79 ✓	
4	NWMCC	4	22-Sep-14	\$141,574.50	\$21,236.18	\$120,338.33		\$120,338.33 ✓	
5	NWMCC	5	1-Oct-14	\$171,257.27	\$25,688.59	\$145,568.68		\$145,568.68 ✓	
			TOTAL	\$804,852.46	\$119,009.03	\$685,843.43		\$685,843.43	

To:	City of Worcester 20 East Worcester Street Worcester, MA 01604	Project:	Lake Ave Pump Station Area Sewer System I/I Rehabilitation	Estimate No. 1	Page 2
From:	National Water Main Cleaning Co. 25 Marshall Street Canon, MA 02021	Engineer:	Weston & Sampson Engineers, Inc. Five Centennial Drive Peabody, MA 01960-7985 Attn: Frank Occipanti	Date: 06/09/20 Period: 1 Project # 6132-W4 Job # WOR001-2	

CHANGE ORDER SUMMARY			DEDUCTIONS
Change Orders approved in previous months by owner.			
Total			
Approved this Month			
Number	Date Approved		
Totals			\$0.00
Net change by change orders			

Contractor: National Water Main Cleaning Co.

By: [Signature] Date: 1/8/2014

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

By: Kate W. Date: 7-9-2017

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$0.00
3) CONTRACT SUM TO DATE	<u>\$831,315.43</u>
4) TOTAL COMPLETED & STORED TO DATE	\$17,788.42
5) RETAINAGE:	
a. 5% of completed work	\$39,42
b. withholdings	\$60.00
totals a & b	<u>\$99.42</u>
6) TOTAL EARNED LESS RETAINAGE	<u>\$16,839.00</u>
7) LESS PREVIOUS ESTIMATES	<u>\$0.00</u>
8) PAYMENT DUE THIS ESTIMATE	\$16,839.00
9) BALANCE TO FINISH, PLUS RETAINAGE	<u>\$814,476.43</u>

Wm. L. G. J. 1864

**City of Worcester  
Amount Certified:  
\$16,839.00**

By: \_\_\_\_\_ Date: \_\_\_\_\_

**Lake Ave Pump Station Area Sewer System III**

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Rehabilitation

Estimate No. 1  
Date: 06/09/2014  
Period: 1

Page 1

Bid # 6138-W4

Job # W0R001-2

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period est. qty	10% Withholding	previous estimates est. qty	10% Withholding	work completed to date est. qty	Amount	10% Withholding	percent complete
220.06	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2	EA	7876.25	\$15,552.50	0.00	\$0.00	0.00	0.00	0.00	0.00	0.00	0%
501	Cementitious Lining of Manholes and exterior Sealing	567	VF	148.00	\$83,916.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
602	Chemical Root Treatment of Manholes	24	EA	110.00	\$2,640.00	24.00	\$2,640.00	\$0.00	0.00	24.00	2,640.00	0.00	100%
603	Rebuild Manhole Bench and Invert	4	EA	1,495.00	\$5,980.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
604	Raise Manhole Frame and Covers	1	EA	881.25	\$881.25	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
605	Cleaning and Inspection of 8" Sewers	17409	LF	1.00	\$17,409.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
606	Cleaning and Inspection of 10" Sewers	4078	LF	2.00	\$8,156.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
607	Cleaning and Inspection of 12" Sewers	648	LF	2.00	\$1,298.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
608	Testing of 8" Joints	4247	Joints	38.50	\$155,015.50	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
609	Testing of 10" Joints	727	Joints	34.00	\$24,718.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
610	Testing of 12" Joints	216	Joints	30.00	\$6,480.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
611	Sealing of 8" Joints	4247	Joints	1.00	\$4,247.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
612	Sealing of 10" Joints	727	Joints	1.00	\$727.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
613	Sealing of 12" Joints	216	Joints	1.00	\$216.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
614	Chemical Root Treatment of 8" Sewer Line	5282	LF	1.58	\$8,398.38	4988.00	\$7,930.92	\$0.00	0.00	4988.00	7,930.92	0.00	94%
615	CIPP Short Liner for 8" Sewers	463	LF	312.50	\$141,562.50	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
616	CIPP Short Liner for 10" Sewers	42	LF	317.50	\$13,335.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
617	CIPP Short Liner for 12" Sewers	29	LF	327.50	\$9,497.50	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
618	CIPP for 8" Sewers	5587	LF	38.40	\$214,540.80	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
619	CIPP for 10" Sewers	1010	LF	41.00	\$41,410.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
620	CIPP for 12" Sewers	16	LF	315.00	\$5,040.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
621	Cut Protruding Service Connections	5	EA	300.00	\$1,500.00	2.00	\$600.00	\$0.00	0.00	2.00	600.00	60.00	40%
622	TV Inspection and Testing of Service Connections	198	EA	400.00	\$34,400.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
623	Grout Service Connections	136	EA	10.00	\$1,360.00	0.00	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0%
624	Mobilization	1	Lump sum	13,235.00	\$13,235.00	0.50	\$6,617.50	\$0.00	0.00	0.5	6,617.50	0.00	50%
Totals													2%
work done this estimate						\$	\$17,788.42	total completed to date			\$17,788.42	60.00	
less withholdings							60.00	less withholdings			\$50.00		
less retainage							\$889.42	retainage (5%)			\$889.42		
total due this est.							\$16,839.00	subtotal			\$16,839.00		
								less previous estimates			\$0.00		
								balance due			\$16,839.00		

# APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System UI Rehabilitation

Estimate No. 2  
Date: 07/17/20  
Period: 06/01/2014 - 06/30/2014  
Project # 6138-W4  
Job # WOR001-2

From: National Water Main Cleaning Co.  
25 Marshall Street  
Canton, MA 02021

Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
Attn: Frank Occipinti

Bid # 6138-W4

## CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner.			
Total		ADDITIONS	DEDUCTIONS
Approved this Month			
Number	Date Approved		
Totals		\$0.00	
Net change by change orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

By: *James Flawin* Date: 7/25/2014

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$209,302.64

By: *Frank Occipinti* Date: 7/31/2014

Application is made for Payment, as shown below, in connection with the Contract

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$0.00
3) CONTRACT SUM TO DATE	\$831,315.43
4) TOTAL COMPLETED & STORED TO DATE	\$264,026.82
5) RETAINAGE:	
a. 5% of completed work	\$13,201.34
b. withholdings	\$24,683.84
Totals a & b	\$37,885.18
6) TOTAL EARNED LESS RETAINAGE	\$226,141.64
7) LESS PREVIOUS ESTIMATES	\$16,839.00
8) PAYMENT DUE THIS ESTIMATE	\$209,302.64
9) BALANCE TO FINISH, PLUS RETAINAGE	\$605,173.79

*Jim Flawin* 8/6/14

City of Worcester  
Amount Certified:  
\$209,302.64

By: \_\_\_\_\_ Date: \_\_\_\_\_

(50.00)

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period	10% Withholding	previous estimates	est. qty	amount	10% Withholding	work completed to date	est. qty	Amount	10% Withholding	percent complete
220.08	Trench Excavation & backfill. Furnish & install 8" PVC pipe	2	EA	\$7,676.25	\$15,352.50	1.00	\$767.63	0.0	0.0	\$0.00	\$0.00	1.0	1.0	\$7,676.25	\$767.63	50%
501	Cementitious Lining of Manholes and exterior Sealing	567	LF	\$148.00	\$83,916.00	0.00	\$0.00	0.0	0.0	\$0.00	\$0.00	0.0	0.0	\$0.00	\$0.00	0%
602	Chemical Root Treatment of Manholes	74	EA	\$110.00	\$8,140.00	0.00	\$0.00	0.0	0.0	\$0.00	\$0.00	0.0	0.0	\$0.00	\$0.00	0%

## APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System I/I Rehabilitation  
Estimate No. 3  
Date: 08/5/2014  
Period: 07/01/2014 - 07/31/2014  
Project # 6138-W4  
Job # WOR001-2

From: National Water Main Cleaning Co.  
23 Marshall Street  
Canton, MA 02021

Bid # 6138-W4  
Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
Attn: Frank Occipinti

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## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$0.00
3) CONTRACT SUM TO DATE	\$831,315.43
4) TOTAL COMPLETED & STORED TO DATE	\$492,020.69
5) RETAINAGE:	
a. 5% of completed work	\$24,601.03
b. withholdings	\$17,483.23
6) TOTAL EARNED LESS RETAINAGE	\$72,084.26
7) LESS PREVIOUS ESTIMATES	\$419,836.43
8) PAYMENT DUE THIS ESTIMATE	\$226,141.64
9) BALANCE TO FINISH, PLUS RETAINAGE	\$193,794.79
Totals a & b	\$411,379.00

Contractor: National Water Main Cleaning Co.

By:  Date: 8/12/14

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$193,794.79

By:  Date: 8/26/14

City of Worcester  
Amount Certified:  
\$193,794.79

By: \_\_\_\_\_ Date: \_\_\_\_\_

**Lake Ave Pump Station Area Sewer System UI Rehabilitation**

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: 6138-W4

Estimate No. 3  
Date: 08/5/2014  
Period: 07/01/2014 - 07/31/2014  
Job # WOR001-2

Page 2

Item No.	Description of Item	Est. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period	10% Withholding	previous estimates	10% Withholding	work completed to date	10% Withholding	percent complete
				Amount	Amount	est. qty	amount	est. qty	amount	est. qty	amount	
220.08	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2	EA	\$7,676.25	\$15,352.50	1.00	\$7,676.25	1.0	\$7,676.25	1.0	\$7,676.25	50%
601	Cementitious Lining of Manholes and exterior Sealing	567	VF	\$148.00	\$83,916.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
602	Chemical Root Treatment of Manholes	24	EA	\$110.00	\$2,640.00	0.00	\$0.00	24.0	\$2,640.00	24.0	\$2,640.00	100%
603	Rebuild Manhole Bench and Invert	4	EA	\$1,495.00	\$5,980.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
604	Raise Manhole Frame and Covers	1	EA	\$881.25	\$881.25	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
605	Cleaning and Inspection of 8" Sewers	17408	LF	\$1.00	\$17,409.00	7111.70	\$7,111.70	3326.0	\$3,326.00	10437.7	\$10,437.70	60%
606	Cleaning and Inspection of 10" Sewers	4078	LF	\$2.00	\$8,156.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
607	Cleaning and Inspection of 12" Sewers	648	LF	\$2.00	\$1,296.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
608	Testing of 8" Joints	4247	Joints	\$36.50	\$155,015.50	1688.00	\$61,612.00	674.0	\$24,601.00	2362.0	\$86,213.00	56%
609	Testing of 10" Joints	727	Joints	\$24.00	\$17,448.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
610	Testing of 12" Joints	216	Joints	\$30.00	\$6,480.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
611	Sealing of 8" Joints	4247	Joints	\$1.00	\$4,247.00	905.00	\$905.00	177.0	\$177.00	1082.0	\$1,082.00	25%
612	Sealing of 10" Joints	727	Joints	\$1.00	\$727.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
613	Sealing of 12" Joints	216	Joints	\$1.00	\$216.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
614	Chemical Root Treatment of 8" Sewer Line	5282	LF	\$1.59	\$8,398.38	0.00	\$0.00	4,988.0	\$7,930.92	4988.0	\$7,930.92	94%
615	CIPP Short Liner for 8" Sewers	493	LF	\$312.50	\$154,062.50	287.00	\$89,687.50	16.0	\$3,000.00	303.0	\$94,687.50	67%
616	CIPP Short Liner for 10" Sewers	42	LF	\$317.50	\$13,335.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
617	CIPP Short Liner for 12" Sewers	29	LF	\$327.50	\$9,497.50	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
618	CIPP for 8" Sewers	5587	LF	\$38.40	\$214,540.80	523.80	\$20,113.92	5,316.0	\$204,134.40	5839.8	\$224,248.32	105%
619	CIPP for 10" Sewers	1010	LF	\$41.00	\$41,410.00	827.50	\$33,927.50	0.0	\$0.00	827.5	\$33,927.50	82%
620	CIPP for 12" Sewers	16	LF	\$315.00	\$5,040.00	0.00	\$0.00	0.0	\$0.00	0.0	\$0.00	0%
621	Out Protruding Service Connections	5	EA	\$300.00	\$1,500.00	0.00	\$0.00	2.0	\$600.00	2.0	\$600.00	40%
622	TV Inspection and Testing of Services Connections	136	EA	\$400.00	\$54,400.00	17.00	\$6,800.00	22.0	\$8,800.00	39.0	\$15,600.00	29%
623	Grout Service Connections	136	EA	\$10.00	\$1,360.00	16.00	\$160.00	20.0	\$200.00	36.0	\$360.00	26%
624	Mobilization	1	Lump sum	\$13,235.00	\$13,235.00	0.00	\$0.00	0.5	\$6,617.50	0.5	\$6,617.50	50%
<b>Totals</b>				<b>\$ 831,515.43</b>	<b>\$ 831,515.43</b>	<b>\$227,993.87</b>	<b>\$22,799.39</b>	<b>\$264,026.82</b>	<b>\$24,683.84</b>	<b>\$492,020.69</b>	<b>\$47,483.23</b>	<b>59%</b>

work done this estimate  
less withholdings  
less retainage  
total due this est.

\$227,993.87  
\$22,799.39  
\$11,399.69  
\$193,794.79

total completed to date  
less withholdings  
retainage (5%)  
subtotal  
less previous estimates  
balance due

\$492,020.69  
\$47,483.23  
\$24,601.03  
\$419,936.43  
\$226,141.64  
\$193,794.79

(\$0.00)



# APPLICATION AND CERTIFICATION FOR PAYMENT

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

From: National Water Main Cleaning Co.  
25 Marshall Street  
Canton, MA 02021

Project: Lake Ave Pump Station Area Sewer System III Rehabilitation

Estimate No. 4  
Date: 09/22/20  
Period: 08/01/2014 - 08/31/2014  
Project # 6138-W4  
Job # WOR001-2

Bid # 6138-W4

Engineer: Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
Attn: Frank Occipinti

Page 1

## CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner.			
Total		DEDUCTIONS	
Approved this Month			
Number	Date Approved		
Totals		\$0.00	
Net change by change orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

Contractor: National Water Main Cleaning Co.

By: *James Earl Flaherty*

Date: 10/6/2014

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson

Amount Certified:

\$120,338.32

By: *Gregory Davis*

Date: 10/8/2014

Application is made for Payment, as shown below, in connection with the Contract.

1) ORIGINAL CONTRACT SUM	\$831,315.43
2) Net change by change order	\$0.00
3) CONTRACT SUM TO DATE	\$831,315.43
4) TOTAL COMPLETED & STORED TO DATE	\$633,595.19
5) RETAINAGE:	
a. 5% of completed work	\$31,679.76
b. withholdings	\$61,640.68
Totals a & b	\$93,320.44
6) TOTAL EARNED LESS RETAINAGE	\$540,274.75
7) LESS PREVIOUS ESTIMATES	\$419,935.43
8) PAYMENT DUE THIS ESTIMATE	\$120,338.32
9) BALANCE TO FINISH, PLUS RETAINAGE	\$291,040.68

By: *M. G. Gier*

Date: 10/20/14

City of Worcester  
Amount Certified:

\$120,338.32

By:

Date:

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project:

Lake Ave Pump Station Area Sewer System III  
Rehabilitation

Bid # 6138-W4

Estimate No. 4  
Date: 09/22/2014  
Period: 08/01/2014 - 08/31/2014  
Job # WOR001-2

Page 2

Item No.	Description of Item	Est.	Unit	Contract Amount	Unit Bid Amount	work done this period est. qty amount	10% Withholding	previous estimates est. qty amount	10% Withholding	work completed to date est. qty amount	10% Withholding	percent complete
220.08	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2	EA	\$15,352.50	\$7,676.25	0.00 \$0.00	\$0.00	1.0 \$7,676.25	\$767.63	1.0 \$7,676.25	\$767.63	50%
601	Cementitious Lining of Manholes and exterior Sealing	567	LF	\$83,916.00	\$148.00	0.00 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0%
602	Chemical Root Treatment of Manholes	24	EA	\$2,640.00	\$110.00	0.00 \$0.00	\$0.00	24.0 \$2,640.00	\$0.00	24.0 \$2,640.00	\$0.00	100%
603	Rebuild Manhole Bench and Invert	4	EA	\$5,980.00	\$1,495.00	0.00 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0%
604	Rebate Manhole Frame and Covers	1	EA	\$881.25	\$881.25	0.00 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0%
605	Cleaning and Inspection of 8" Sewers	17409	LF	\$17,409.00	\$1.00	4737.50 \$4,737.50	\$473.75	10437.7 \$10,437.70	\$1,043.77	15175.2 \$15,175.20	\$1,517.52	87%
606	Cleaning and Inspection of 10" Sewers	4078	LF	\$8,156.00	\$2.00	2132.50 \$4,265.00	\$426.50	0.0 \$0.00	\$0.00	2132.5 \$4,265.00	\$426.50	52%
607	Cleaning and Inspection of 12" Sewers	648	LF	\$1,298.00	\$2.00	476.00 \$952.00	\$95.20	0.0 \$0.00	\$0.00	476.0 \$952.00	\$95.20	73%
608	Testing of 8" Joints	4247	Joints	\$36.50	\$153,015.50	976.00 \$3,624.00	\$3,624.00	2,362.0 \$86,113.00	\$8,613.30	3338.0 \$121,837.00	\$12,183.70	79%
609	Testing of 10" Joints	727	Joints	\$34.00	\$24,718.00	373.00 \$12,682.00	\$12,682.00	0.0 \$0.00	\$0.00	373.0 \$12,682.00	\$12,682.00	51%
610	Testing of 12" Joints	216	Joints	\$30.00	\$6,480.00	151.00 \$4,530.00	\$4,530.00	0.0 \$0.00	\$0.00	151.0 \$4,530.00	\$4,530.00	70%
611	Sealing of 8" Joints	4247	Joints	\$1.00	\$4,247.00	541.00 \$541.00	\$541.00	1,082.0 \$1,082.00	\$108.20	1623.0 \$1,623.00	\$162.30	38%
612	Sealing of 10" Joints	727	Joints	\$1.00	\$727.00	16.00 \$16.00	\$16.00	0.0 \$0.00	\$0.00	16.0 \$16.00	\$1.60	2%
613	Sealing of 12" Joints	216	Joints	\$1.00	\$216.00	33.00 \$33.00	\$33.00	0.0 \$0.00	\$0.00	33.0 \$33.00	\$3.30	15%
614	Chemical Root Treatment of 8" Sewer Line	9282	LF	\$1.59	\$8,398.38	0.00 \$0.00	\$0.00	4,988.0 \$7,950.92	\$795.09	4,988.0 \$7,950.92	\$795.09	94%
615	CIPP Short Liner for 8" Sewers	453	LF	\$312.50	\$141,562.50	146.00 \$45,625.00	\$4,562.50	303.0 \$94,687.50	\$9,468.75	449.0 \$140,312.50	\$14,031.25	99%
616	CIPP Short Liner for 10" Sewers	42	LF	\$317.50	\$13,335.00	15.00 \$4,762.50	\$476.25	0.0 \$0.00	\$0.00	15.0 \$4,762.50	\$476.25	36%
617	CIPP Short Liner for 12" Sewers	29	LF	\$327.50	\$9,497.50	9.00 \$2,947.50	\$294.75	0.0 \$0.00	\$0.00	9.0 \$2,947.50	\$294.75	31%
618	CIPP for 8" Sewers	5887	LF	\$38.40	\$214,540.80	0.00 \$0.00	\$0.00	5,839.8 \$224,248.32	\$22,424.83	5,839.8 \$224,248.32	\$22,424.83	100%
619	CIPP for 10" Sewers	1010	LF	\$41.00	\$41,410.00	0.00 \$0.00	\$0.00	827.5 \$33,927.50	\$3,392.75	827.5 \$33,927.50	\$3,392.75	82%
620	CIPP for 12" Sewers	18	LF	\$315.00	\$5,670.00	0.00 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0.0 \$0.00	\$0.00	0%
621	Out Preexisting Service Connections	5	EA	\$300.00	\$1,500.00	1.00 \$300.00	\$300.00	2.0 \$600.00	\$60.00	3.0 \$900.00	\$90.00	60%
622	TV Inspection and Testing of Service Connections	136	EA	\$400.00	\$54,400.00	60.00 \$24,000.00	\$2,400.00	99.0 \$15,600.00	\$1,560.00	99.0 \$15,600.00	\$1,560.00	72%
623	Grout Service Connections	136	EA	\$10.00	\$1,360.00	56.00 \$560.00	\$56.00	36.0 \$360.00	\$36.00	92.0 \$920.00	\$92.00	68%
624	Modification	1	Lump sum	\$13,235.00	\$13,235.00	0.00 \$0.00	\$0.00	0.5 \$6,617.50	\$661.75	0.5 \$6,617.50	\$661.75	50%
Totals				\$ 831,315.43		\$141,574.50	\$14,157.45	\$497,070.69	\$47,483.23	\$693,595.19	\$61,646.68	76%

work done this estimate  
less retainage  
total due this est.

\$141,574.50  
\$14,157.45  
\$120,338.33

total completed to date  
less withholdings  
retainage (3%)  
subtotal  
less previous estimates  
balance due

\$693,595.19  
\$61,646.68  
\$31,679.76  
\$540,274.75  
\$419,954.43  
\$120,338.32

(\$0.00)

To:	City of Worcester 20 East Worcester Street Worcester, MA 01604	Project:	Lake Ave Pump Station Area Sewer System I/II Rehabilitation	Estimate No. 5
		Bid #	6138-W4	Date: 10/01/20
		Engineer:	Weston & Sampson Engineers, Inc. Five Centennial Drive Peabody, MA 01960-7985	Period: 09/01/2014 - 09/30/2014
From:	National Water Main Cleaning Co. 25 Marshall Street Canton, MA 02021	0		Project # 6138-W4
				Job # WOR001-2
				Attn: Frank Occipinti

Page 1

CHANGE ORDER 80496439				
Change Orders approved in previous months by owner.			ADDITIONS	DEDUCTIONS
Total				
Approved this Month				
Number	Date Approved			
			\$0.00	
Totals				
Net change by change orders				

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the work covered by this Application for Payment has been completed in accordance with the contract documents.

**Contractor: National Water Main Cleaning Co.**

By: Bruce L. Thompson Date: 10/6/2014

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the amount certified.

Engineer: Weston & Sampson  
Amount Certified:  
\$145,568.68

By: [Signature] Date: 10/9/14

**City of Worcester  
Amount Certified:  
\$145,568.68**

By: \_\_\_\_\_ Date: \_\_\_\_\_

Application is made for Payment, as shown below, in connection with the Contract.

- |                                      |                     |
|--------------------------------------|---------------------|
| 1) ORIGINAL CONTRACT SUM             | \$831,315.43        |
| 2) Net change by change order        | \$0.00              |
| 3) CONTRACT SUM TO DATE              | <u>\$831,315.43</u> |
| 4) TOTAL COMPLETED & STORED TO DATE  |                     |
| 5) RETAINAGE:                        |                     |
| a. 5% of completed work              | \$40,244.62         |
| b. withholdings                      | <u>\$78,766.40</u>  |
| totals a & b                         |                     |
| 3) TOTAL EARNED, LESS RETAINAGE      | <u>\$119,009.03</u> |
| 7) LESS PREVIOUS ESTIMATES           | \$685,843.43        |
| 8) PAYMENT DUE THIS ESTIMATE         | <u>\$540,274.75</u> |
| 9) BALANCE TO FINISH, PLUS RETAINAGE | \$145,568.68        |
|                                      | <u>\$145,472.00</u> |

12/20/14  
M. Gw

To: City of Worcester  
20 East Worcester Street  
Worcester, MA 01604

Project: Lake Ave Pump Station Area Sewer System III  
Bid # 6138-W4

Estimate No. 5  
Date: 10/01/2014  
Period: 09/01/2014 - 09/30/2014  
Job # WOR001-2

Page 2

Item No.	Description of Item	Ex. Quantity	Unit	Unit Bid Amount	Contract Amount	work done this period est. qty.	Withholding amount	10% Withholding	previous estimates est. qty.	work completed to date est. qty.	Amount	10% Withholding	Percent complete
220.08	Trench Excavation & backfill, Furnish & install 8" PVC pipe	2	EA	\$7,616.25	\$15,352.50	0.00	\$0.00	\$0.00	1.0	1.0	\$7,616.25	\$761.63	50%
601	Cementitious Lining of Manholes and exterior Sealing	587	WF	\$148.00	\$83,916.00	525.49	\$77,172.32	\$7,717.23	0.0	525.5	\$77,172.32	\$7,717.23	93%
602	Chemical Root Treatment of Manholes	24	EA	\$1,100.00	\$2,640.00	0.00	\$0.00	\$0.00	24.0	24.0	\$2,640.00	\$0.00	100%
603	Rebuild Manhole Bench and Invert	4	EA	\$1,495.00	\$5,980.00	3.00	\$4,485.00	\$448.50	0.0	3.0	\$4,485.00	\$448.50	75%
604	Rebuild Manhole Frame and Covers	1	EA	\$881.25	\$881.25	1.00	\$881.25	\$88.13	0.0	1.0	\$881.25	\$88.13	100%
605	Cleaning and inspection of 8" Sewers	17409	LF	\$1.00	\$17,409.00	1056.03	\$1,056.03	\$105.60	15,175.2	16231.2	\$15,175.20	\$1,623.12	93%
606	Cleaning and inspection of 10" Sewers	4078	LF	\$2.00	\$8,156.00	1550.03	\$3,100.00	\$310.00	2,132.5	3682.5	\$3,682.50	\$368.25	99%
607	Cleaning and inspection of 12" Sewers	649	LF	\$2.00	\$1,298.00	641.00	\$1,282.00	\$128.20	476.0	1117.0	\$1,117.00	\$111.70	172%
608	Testing of 8" Joints	4247	Joints	\$36.50	\$155,015.50	101.00	\$3,686.50	\$368.65	3,338.0	3439.0	\$12,183.70	\$1,218.37	81%
609	Testing of 10" Joints	727	Joints	\$34.00	\$24,718.00	200.00	\$6,800.00	\$680.00	373.0	573.0	\$19,482.00	\$1,948.20	79%
610	Testing of 12" Joints	216	Joints	\$30.00	\$6,480.00	54.00	\$1,620.00	\$162.00	151.0	205.0	\$6,150.00	\$615.00	93%
611	Sealing of 8" Joints	4247	Joints	\$1.00	\$4,247.00	27.00	\$27.00	\$2.70	1,623.0	1650.0	\$1,650.00	\$165.00	39%
612	Sealing of 10" Joints	727	Joints	\$1.00	\$727.00	5.00	\$5.00	\$0.50	16.0	31.0	\$21.00	\$2.10	3%
613	Sealing of 12" Joints	216	Joints	\$1.00	\$216.00	7.00	\$7.00	\$0.70	32.0	39.0	\$39.00	\$3.90	18%
614	Chemical Root Treatment of 8" Sewer Line	5282	LF	\$1.59	\$8,398.38	0.00	\$0.00	\$0.00	4,985.0	4985.0	\$7,930.92	\$793.09	94%
615	CIPP Short Liner for 8" Sewers	462	LF	\$312.50	\$141,562.50	0.00	\$0.00	\$0.00	449.0	449.0	\$140,312.50	\$14,031.25	99%
616	CIPP Short Liner for 10" Sewers	42	LF	\$377.50	\$13,335.00	25.00	\$9,207.50	\$920.75	15.0	44.0	\$13,970.00	\$1,397.00	105%
617	CIPP Short Liner for 12" Sewers	29	LF	\$327.50	\$9,497.50	17.00	\$5,567.50	\$556.75	9.0	26.0	\$8,515.00	\$851.50	90%
618	CIPP for 8" Sewers	5587	LF	\$38.40	\$214,540.80	0.00	\$0.00	\$0.00	5,839.8	5839.8	\$224,248.32	\$22,424.83	105%
619	CIPP for 10" Sewers	1010	LF	\$41.00	\$41,410.00	0.00	\$0.00	\$0.00	827.5	827.5	\$33,927.50	\$3,392.75	82%
620	CIPP for 12" Sewers	16	LF	\$315.00	\$5,040.00	0.00	\$0.00	\$0.00	0.0	0.0	\$0.00	\$0.00	0%
621	Grout Sealing Service Connections	5	EA	\$300.00	\$1,500.00	0.00	\$0.00	\$0.00	3.0	3.0	\$900.00	\$90.00	60%
622	TV Inspection and Testing of Service Connections	138	EA	\$400.00	\$54,400.00	136.00	\$54,400.00	\$5,440.00	99.0	235.0	\$94,000.00	\$9,400.00	173%
623	Grout Service Connections	138	EA	\$10.00	\$1,360.00	136.00	\$1,360.00	\$136.00	92.0	228.0	\$2,280.00	\$228.00	168%
624	Mobilization	1	Lump sum	\$13,235.00	\$13,235.00	0.00	\$0.00	\$0.00	0.5	0.5	\$6,617.50	\$0.00	50%
Totals				\$ 831,315.43	\$171,257.27	\$171,257.27	\$17,125.73	\$1,712.57			\$633,593.19	\$61,640.68	97%

work done this estimate  
less withholdings  
less retainage  
total due this est.

total completed to date  
less withholdings  
less retainage (5%)  
subtotal  
less previous estimates  
balance due

\$804,852.46  
\$78,766.40  
\$40,242.61  
\$688,843.45  
\$540,274.75  
\$145,568.68

\$0.00

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

(Consultant Engineer's Request and Certification)

LOAN NO. : CWP-13-20 DMS PROJECT NO. : CWSRF 3763 CONTRACT No. #S14-1				DESCRIPTION OF PROJECT: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project			
LEGAL NAME OF BORROWER: City of Worcester				REQUEST No. <u>1</u>			
CONSULTANT NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960				PAYMENT PERIOD: From 4/1/2014 To 9/30/2014  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15			

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Technical Services	\$ 236,000.00	0%	\$	\$ 158,934.22	67%	\$ 158,934.22	\$ 77,065.78
<b>MBE/WBE Subcontractors</b>							
Stacey DePasquale Engineering	\$ 8,968.00	0%	\$	\$	0%	\$	\$ 8,968.00
Vaidya Consultants	\$ 8,024.00	0%	\$	\$ 7,873.10	98%	\$ 7,873.10	\$ 150.90
<b>Totals</b>	<b>\$ 236,000.00</b>	<b>0%</b>	<b>\$</b>	<b>\$ 158,934.22</b>	<b>67%</b>	<b>\$ 158,934.22</b>	<b>\$ 77,065.78</b>

*The Borrower's Consultant Engineer identified herein certifies as follows: 1) the attached invoices and supporting documentation are for project costs for work actually performed or material or property actually supplied prior to the date of this requisition in conformity with the plans and specifications approved by the Department, or in the case of substantial deviations from the approved plans and specifications, the attached documentation demonstrates that all such deviations have been authorized and certified to by the Borrower or it's Consultant Engineer in accordance with M.G.L. c 30, ss39I and are project costs.*

**BY THE CONSULTING ENGINEER**

Certified by: _____  Type Name and Title: <u>Frank E. Occhipinti, PE</u> <u>Team Leader</u>	Date Signed _____  Telephone <u>(978) 532-1900</u> <u>ext. 2383</u>
---------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------

## Palmer, Christopher (DEP)

---

**From:** Keleher, Kara [keleherk@wseinc.com]  
**Sent:** Monday, November 10, 2014 9:47 AM  
**To:** Palmer, Christopher (DEP)  
**Cc:** Occhipinti, Frank  
**Subject:** Worcester - Lake Ave - CWSRF 3763 - revised pages - Pay Requisition No. 1  
**Attachments:** Lake Ave Sewer Rehab - revised pages SRF Pay Requisition No. 1.pdf

Good Morning Chris,

As a follow up to our phone conversation this morning, I have attached four revised pages for Pay Requisition No. 1 for the Worcester – Lake Ave Pump Station Area Sewer System I/I Rehab Project – Phase 1. The amount input for Technical Services was incorrect for the July 10, 2014 and the October 10, 2014 invoices.

Please let me know if you need any additional information.

Thank you,

Kara

**Kara D. Keleher, PE**  
PROJECT MANAGER

*Weston & Sampson®*

5 Centennial Drive  
Peabody, MA 01960-7985  
[www.westonandsampson.com](http://www.westonandsampson.com)  
Office: 978-532-1900 ext. 2298  
Direct: 978-573-4060  
Fax: 978-977-0100  
E-mail: [keleherk@wseinc.com](mailto:keleherk@wseinc.com)



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**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RESOURCE PROTECTION**

**PAYMENT REQUISITION**

(Consultant Engineer's Request and Certification)

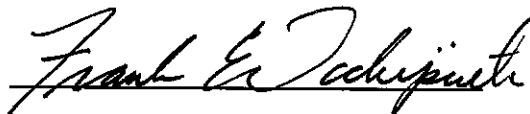
LOAN NO. : CWP-13-20 DMS PROJECT NO. : CWSRF 3763 CONTRACT No. : #S14-1	DESCRIPTION OF PROJECT: Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project
LEGAL NAME OF BORROWER: City of Worcester	REQUEST No. : <u>1</u>
CONSULTANT NAME & ADDRESS: Weston & Sampson 5 Centennial Drive Peabody, MA 01960	PAYMENT PERIOD: From 4/1/2014 To 9/30/2014  CONTRACT SERVICE DATES: From 04/01/14 To 10/01/15

EXPENDITURE TYPE	APPROVED COST \$	PREVIOUS REQUESTS		THIS REQUEST \$	CUMULATIVE REQUESTS		REMAINING BALANCE \$
		%	\$		%	\$	
Technical Services	\$ 236,000.00	0%	\$ -	\$ 187,806.83	80%	\$ 187,806.83	\$ 48,193.17
<b>MBE/WBE Subcontractors</b>							
Stacey DePasquale Engineering	\$ 8,968.00	0%	\$ -	\$ -	0%	\$ -	\$ 8,968.00
Vaidya Consultants	\$ 8,024.00	0%	\$ -	\$ 7,873.10	98%	\$ 7,873.10	\$ 150.90
<b>Totals</b>	\$ 236,000.00	0%	\$ -	\$ 187,806.83	80%	\$ 187,806.83	\$ 48,193.17

*The Borrower's Consultant Engineer identified herein certifies as follows: 1) the attached invoices and supporting documentation are for project costs for work actually performed or material or property actually supplied prior to the date of this requisition in conformity with the plans and specifications approved by the Department, or in the case of substantial deviations from the approved plans and specifications, the attached documentation demonstrates that all such deviations have been authorized and certified to by the Borrower or its Consultant Engineer in accordance with M.G.L. c 30, ss39I and are project costs.*

**BY THE CONSULTING ENGINEER**

Certified by:



Date Signed

10/29/14

Type Name and Title:

Frank E. Occhipinti, PE  
Team Leader

Telephone

(978) 532-1900  
ext. 2383

Loan No.: CWP-13-20

DMS Project No.: CWSRF 3763

**Description: Technical Services**

Task/Contract No.: #S14-1

Approved Contract: **\$236,000.00**

Request No.: 1

Date: 10/24/14

REQUEST NUMBER	CONTRACTOR	INVOICE NO.	DATE	INVOICE AMOUNT	RETAINAGE	ELIGIBLE INVOICE AMOUNT	PRIOR REQUESTED REIMBURSEMENT	CURRENT REQUESTED REIMBURSEMENT	COMMENTS
1	Weston & Sampson Engineers, Inc.	433174	14-May-14	\$6,254.22	\$	\$6,254.22	\$	\$6,254.22	✓
1	Weston & Sampson Engineers, Inc.	434212	11-Jun-14	\$14,494.69	\$	\$14,494.69	\$	\$14,494.69	✓
1	Weston & Sampson Engineers, Inc.	435128	10-Jul-14	\$68,193.23	\$	\$68,193.23	\$	\$68,193.23	✓
1	Weston & Sampson Engineers, Inc.	436188	11-Aug-14	\$38,434.67	\$	\$38,434.67	\$	\$38,434.67	✓
1	Weston & Sampson Engineers, Inc.	437076	04-Sep-14	\$29,115.12	\$	\$29,115.12	\$	\$29,115.12	✓
1	Weston & Sampson Engineers, Inc.	438175	10-Oct-14	\$31,314.90	\$	\$31,314.90	\$	<del>\$31,314.90</del>	40,876.96
		TOTAL		\$187,806.83		\$187,806.83		\$187,806.83	

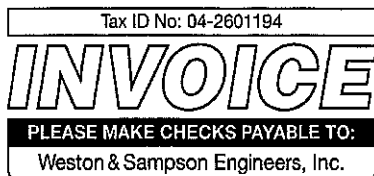
150,934.22



Loan No.: CWP-13-20  
DMS Project No.: CWSRF 3763  
Description: Technical Services  
Task/Contract No.: #S14-1

Request No.: 1  
Date: 10/24/14

[illegible]



Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

May 14, 2014

Project No: 2140205

Invoice No: 433174

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through April 25, 2014**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount
Gallucci, Donald	4.00	72.12	288.48
Keleher, Kara	7.00	39.90	279.30
Occhipinti, Frank	13.00	51.56	670.28
Sheahan, Daniel	1.00	59.97	59.97
Wilson, Kate	21.00	30.91	649.11
Totals	46.00		1,947.14
<b>Total Labor</b>			<b>1,947.14</b>

Overhead	192.00 % of 1,947.14	3,738.51	
Profit	10.00 % of 5,685.65	568.57	
<b>Total</b>		<b>4,307.08</b>	<b>4,307.08</b>
<b>Total this Phase</b>			<b>\$6,254.22</b>

Billing Limits	Current	Prior	To-Date
Total Billings	6,254.22	0.00	6,254.22
Limit			236,000.00
Remaining			229,745.78

**TOTAL THIS INVOICE \$6,254.22**

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Tax ID No: 04-2601194
<b>INVOICE</b>
PLEASE MAKE CHECKS PAYABLE TO:
Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
ENGINEERS, INC.

June 11, 2014

Project No: 2140205

Invoice No: 434212

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through May 23, 2014**

Phase	A	PHASE A-OFFICE SERVICES			
Professional Personnel					
		Hours	Rate	Amount	
	Occhipinti, Frank	10.00	51.56	515.60	
	Sheahan, Daniel	1.00	59.97	59.97	
	Wilson, Kate	24.00	30.91	741.84	
	Totals	35.00		1,317.41	
	Total Labor				1,317.41
	Overhead	192.00 % of 1,317.41		2,529.43	
	Profit	10.00 % of 3,846.84		384.68	
	Total			2,914.11	2,914.11
				Total this Phase	\$4,231.52

Phase	B	PHASE B-FIELD SERVICES			
Professional Personnel					
		Hours	Rate	Amount	
Occhipinti, Frank		11.00	51.56	567.16	
Wilson, Kate		27.00	30.91	834.57	
	Totals	38.00		1,401.73	
	Total Labor				1,401.73
Overhead		160.00 % of 1,401.73		2,242.77	
Profit		10.00 % of 3,644.50		364.45	
	Total			2,607.22	2,607.22

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	434212
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Total this Phase	\$4,008.95
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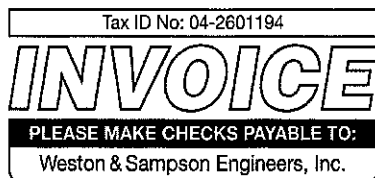
Billing Limits	Current	Prior	To-Date
Total Billings	8,240.47	6,254.22	14,494.69
Limit			236,000.00
Remaining			221,505.31

TOTAL THIS INVOICE	\$8,240.47
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**Outstanding Invoices**

Number	Date	Balance
433174	5/14/2014	6,254.22
<b>Total</b>		<b>6,254.22</b>

Total Now Due	\$14,494.69
---------------	-------------



Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
**ENGINEERS, INC.**

July 10, 2014

Project No: 2140205

Invoice No: 435128

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through June 27, 2014**

Phase	A	PHASE A-OFFICE SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Gallucci, Donald		3.00	72.12	216.36
Keleher, Kara		11.00	39.90	438.90
Lauria, Joseph		8.00	25.48	203.84
Occhipinti, Frank		48.00	51.56	2,474.88
Sheahan, Daniel		3.00	59.97	179.91
	Totals	73.00		3,513.89
	<b>Total Labor</b>			<b>3,513.89</b>
Overhead		192.00 % of 3,513.89		6,746.67
Profit		10.00 % of 10,260.56		1,026.06
	<b>Total</b>			<b>7,772.73</b>
				<b>7,772.73</b>
<b>Total this Phase</b>				<b>\$11,286.62</b>

Phase	B	PHASE B-FIELD SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Lauria, Joseph		17.00	25.48	433.16
Wilson, Kate		190.50	30.91	5,888.36
	Totals	207.50		6,321.52
	Total Labor			6,321.52
Overhead		160.00 % of 6,321.52		10,114.43

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	435128
Profit		10.00 % of 16,435.95	1,643.60	
	<b>Total</b>		<b>11,758.03</b>	<b>11,758.03</b>
<b>Reimbursable Expenses</b>				
Wilson, Kate			356.72	
	<b>Total Reimbursables</b>	<b>1.1 times</b>	<b>356.72</b>	<b>392.39</b>
		<b>Total this Phase</b>		<b>\$18,471.94</b>
<b>Billing Limits</b>				
		<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings		29,758.56	14,494.69	44,253.25
Limit				236,000.00
Remaining				191,746.75
		<b>TOTAL THIS INVOICE</b>		<b>\$29,758.56</b>



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**Weston & Sampson®**  
ENGINEERS, INC.

August 11, 2014

Project No: 2140205

Invoice No: 436188

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through July 25, 2014**

Phase	A	PHASE A-OFFICE SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Craig, Jamie		6.50	17.00	110.50
David, Andrea		1.00	17.41	17.41
Gallucci, Donald		2.00	79.33	158.66
Keleher, Kara		26.50	40.87	1,083.06
Lauria, Joseph		2.50	25.48	63.70
Occhipinti, Frank		36.50	56.25	2,053.13
Sheahan, Daniel		3.50	60.58	212.03
	Totals	78.50		3,698.49
	Total Labor			3,698.49
Overhead		192.00 % of 3,698.49		7,101.10
Profit		10.00 % of 10,799.59		1,079.96
	Total			8,181.06
				8,181.06
			Total this Phase	\$11,879.55

Phase	B	PHASE B-FIELD SERVICES		
Professional Personnel				
		Hours	Rate	Amount
Lauria, Joseph		49.50	25.48	1,261.26
Wilson, Kate		140.00	31.39	4,394.60
	Totals	189.50		5,655.86
	Total Labor			5,655.86

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	436188
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Overhead	160.00 % of 5,655.86	9,049.38	
Profit	10.00 % of 14,705.24	1,470.52	
<b>Total</b>		<b>10,519.90</b>	<b>10,519.90</b>

#### Consultants

Vaidya Consultants, Inc.		7,873.10	
<b>Total Consultants</b>	<b>1.1 times</b>	<b>7,873.10</b>	<b>8,660.41</b>

#### Reimbursable Expenses

Lauria, Joseph		503.72	
Wilson, Kate		1,058.96	
<b>Total Reimbursables</b>	<b>1.1 times</b>	<b>1,562.68</b>	<b>1,718.95</b>

**Total this Phase \$26,555.12**

#### Billing Limits

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	38,434.67	44,253.25	82,687.92
Limit			236,000.00
Remaining			153,312.08

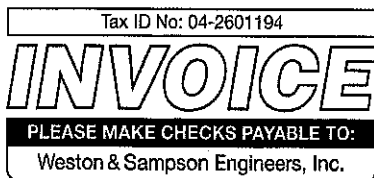
**TOTAL THIS INVOICE \$38,434.67**

#### Outstanding Invoices

<b>Number</b>	<b>Date</b>	<b>Balance</b>
435128	7/10/2014	29,758.56
<b>Total</b>		<b>29,758.56</b>

**Total Now Due \$68,193.23**





Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson**  
ENGINEERS, INC.

September 04, 2014

Project No: 2140205

Invoice No: 437076

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205 WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through August 22, 2014**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Atherton, Paula	1.75	18.83	32.95	
David, Andrea	1.00	17.41	17.41	
Elliott, Jocelyn	2.00	19.00	38.00	
Gallucci, Donald	2.00	79.33	158.66	
Keleher, Kara	22.00	40.87	899.14	
Lauria, Joseph	4.50	25.48	114.66	
Occhipinti, Frank	11.50	56.25	646.88	
Sheahan, Daniel	6.50	60.58	393.77	
Totals	51.25		2,301.47	
<b>Total Labor</b>				<b>2,301.47</b>

Overhead	192.00 % of 2,301.47	4,418.82	
Profit	10.00 % of 6,720.29	672.03	
<b>Total</b>		<b>5,090.85</b>	<b>5,090.85</b>
	<b>Total this Phase</b>		<b>\$7,392.32</b>

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount
Pion, Gregory	86.50	43.75	3,784.38

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.		Invoice	437076
Wilson, Kate		106.00	31.39	3,327.34	
Totals		192.50		7,111.72	
<b>Total Labor</b>					<b>7,111.72</b>
Overhead		160.00 % of 7,111.72		11,378.75	
Profit		10.00 % of 18,490.47		1,849.05	
<b>Total</b>				<b>13,227.80</b>	<b>13,227.80</b>
<b>Reimbursable Expenses</b>					
Lauria, Joseph				79.80	
Pion, Gregory				5.60	
Wilson, Kate				943.04	
<b>Total Reimbursables</b>			<b>1.1 times</b>	<b>1,028.44</b>	<b>1,131.28</b>
<b>Unit Billing</b>					
Auto Expense					<b>252.00</b>
			<b>Total this Phase</b>		<b>\$21,722.80</b>
<b>Billing Limits</b>					
Total Billings	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>		
Limit	29,115.12	82,687.92	111,803.04		
Remaining			236,000.00		
			124,196.96		
		<b>TOTAL THIS INVOICE</b>			<b>\$29,115.12</b>
<b>Outstanding Invoices</b>					
<b>Number</b>	<b>Date</b>	<b>Balance</b>			
436188	8/11/2014	38,434.67			
<b>Total</b>		<b>38,434.67</b>			
		<b>Total Now Due</b>			<b>\$67,549.79</b>

Payment is due 30 days from Invoice Date

Page 2

Please note we have a new address for payment remittances

Tax ID No: 04-2601194
<b>INVOICE</b>
<b>PLEASE MAKE CHECKS PAYABLE TO:</b>
Weston & Sampson Engineers, Inc.

Five Centennial Drive  
Peabody, MA 01960-7985  
tel: 978-532-1900 fax: 978-977-0100  
www.westonandsampson.com

**Weston & Sampson®**  
**ENGINEERS, INC.**

October 10, 2014

Project No: 2140205

Invoice No: 438175

Mr. K. Russell Adams, PE  
Assistant Commissioner  
WORCESTER, CITY OF  
20 East Worcester Street  
Worcester, MA 01604

Project 2140205

WORCESTER-LAKE AVE PUMP STATION AREA SEWER SYSTEM I/I  
REHABILITATION PROJECT PH 1 CONSTRUCTION SERVICES

Lake Ave - Amend 2

**Professional Services through September 26, 2014**

Phase A PHASE A-OFFICE SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Burke, David	1.00	50.48	50.48	
David, Andrea	1.50	17.41	26.12	
Gallucci, Donald	2.00	79.33	158.66	
Keleher, Kara	23.00	40.87	940.01	
Lauria, Joseph	1.00	25.48	25.48	
Occhipinti, Frank	23.50	56.25	1,321.88	
Sheahan, Daniel	7.50	60.58	454.35	
Totals	59.50		2,976.98	
<b>Total Labor</b>				<b>2,976.98</b>

Overhead	192.00 % of 2,976.98	5,715.80	
Profit	10.00 % of 8,692.78	869.28	
<b>Total</b>		<b>6,585.08</b>	<b>6,585.08</b>

**Total this Phase \$9,562.06**

Phase B PHASE B-FIELD SERVICES

**Professional Personnel**

	Hours	Rate	Amount	
Lauria, Joseph	17.00	25.48	433.16	
Pion, Gregory	226.00	43.75	9,887.50	
Totals	243.00		10,320.66	
<b>Total Labor</b>				<b>10,320.66</b>

Payment is due 30 days from Invoice Date

Please note we have a new address for payment remittances

Project	2140205	WORCESTER-LAKE AVE I/I REHAB - C.S.	Invoice	438175
---------	---------	-------------------------------------	---------	--------

Overhead	160.00 % of 10,320.66	16,513.06	
Profit	10.00 % of 26,833.72	2,683.37	
<b>Total</b>		<b>19,196.43</b>	<b>19,196.43</b>

#### Reimbursable Expenses

Lauria, Joseph		143.36	
Pion, Gregory		34.20	
Wilson, Kate		311.36	
<b>Total Reimbursables</b>	<b>1.1 times</b>	<b>488.92</b>	<b>537.81</b>

#### Unit Billing

Auto Expense

				1,260.00
		<b>Total this Phase</b>		<b>\$31,314.90</b>
<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	40,876.96	111,803.04	152,680.00	
Limit			236,000.00	
Remaining			83,320.00	
	<b>TOTAL THIS INVOICE</b>			<b>\$40,876.96</b>

Approved Contract: \$ 115,000.00

Task/Contract No.: #S14-1

[illegible]



CITY OF WORCESTER POLICE DEPARTMENT  
SPECIAL PAY DETAIL  
TREASURER'S OFFICE (508)799-1075  
455 MAIN STREET  
WORCESTER, MA 01608-1870

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

DATE: 06/04/14  
DUE DATE: 06/18/14  
CUST NO: WPD00000D8  
INVOICE: WPDS139601

-----DESCRIPTION-----	-----QTY-----	-TOTAL PRICE-	TAX
COMMONWEALTH AT ROBERTS /JASON NATIONAL WATER MAIN/617-908-030			
PATROLMAN @ \$46.10/HR 05/30/14 David A O'Rourke	8.0000	368.80	N
PATROLMAN @ \$46.10/HR 05/30/14 Neal E Perkins	8.0000	368.80	N

APPROVED  
JUN 26 2014  
SEWER OPERATIONS  
*Joseph Buckley*

Invoice Total: 737.60  
TOTAL DUE: 737.60

Detach and return this portion with your payment.

CUST NO: WPD00000D8

TOTAL DUE: 737.60

INVOICE: WPDS139601  
DATE: 06/04/14  
DUE DATE: 06/18/14

Amount Enclosed:

Make check payable to: CITY OF WORCESTER

Remit to: TREASURER'S OFFICE  
455 MAIN STREET  
WORCESTER, MA 01608

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

13000019593700000000737602



CITY OF WORCESTER POLICE DEPARTMENT  
SPECIAL PAY DETAIL  
TREASURER'S OFFICE (508)799-1075  
455 MAIN STREET  
WORCESTER, MA 01608-1870

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

DATE: 08/27/14  
DUE DATE: 09/10/14  
CUST NO: WPD00000D8  
INVOICE: WPDS141582

-----DESCRIPTION-----	-----QTY-----	TOTAL PRICE-	TAX
GRAFTON OPPOSITE MARANDA /GREG/WESTERN AND SAMPSON			
PATROLMAN @ \$46.10/HR 08/18/14 Alexander Maracallo	8.0000	368.80	N
PATROLMAN @ \$46.10/HR 08/18/14 Timothy C Reynolds	8.0000	368.80	N

APPROVED

SEP 16 2014

SEWER OPERATIONS

*Joseph Buckley*

Invoice Total: 737.60  
TOTAL DUE: 737.60

Detach and return this portion with your payment.

CUST NO: WPD00000D8

TOTAL DUE: 737.60

INVOICE: WPDS141582

Amount Enclosed:

DATE: 08/27/14

DUE DATE: 09/10/14

Make check payable to: CITY OF WORCESTER

Remit to: TREASURER'S OFFICE  
455 MAIN STREET  
WORCESTER, MA 01608

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

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CITY OF WORCESTER POLICE DEPARTMENT  
SPECIAL PAY DETAIL  
TREASURER'S OFFICE (508)799-1075  
455 MAIN STREET  
WORCESTER, MA 01608-1870

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

DATE: 08/27/14  
DUE DATE: 09/10/14  
CUST NO: WPD00000D8  
INVOICE: WPDS141581

-----DESCRIPTION----- -QTY----- -TOTAL PRICE- TAX

COMMONWEALTH AT CRAWFORD  
/GREG/WESTERN AND SAMPSON

PATROLMAN @ \$46.10/HR  
08/18/14 Jessica M Balsavich

8.0000 368.80 N

PATROLMAN @ \$46.10/HR  
08/18/14 Kevin A Cortes

8.0000 368.80 N

APPROVED  
SEP 16 2014  
SEWER OPERATIONS  
*Joseph B. Kelly*

Invoice Total: 737.60

TOTAL DUE: 737.60

-----  
Detach and return this portion with your payment.

CUST NO: WPD00000D8

TOTAL DUE: 737.60

INVOICE: WPDS141581

Amount Enclosed:

DATE: 08/27/14

DUE DATE: 09/10/14

Make check payable to: CITY OF WORCESTER

Remit to: TREASURER'S OFFICE  
455 MAIN STREET  
WORCESTER, MA 01608

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

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CITY OF WORCESTER POLICE DEPARTMENT  
SPECIAL PAY DETAIL  
TREASURER'S OFFICE (508)799-1075  
455 MAIN STREET  
WORCESTER, MA 01608-1870

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

DATE: 08/27/14  
DUE DATE: 09/10/14  
CUST NO: WPD00000D8  
INVOICE: WPDS141587

-----DESCRIPTION-----	-----QTY-----	TOTAL PRICE-	TAX
HAMILTON AT BOSTON /GREG/WESTERN AND SAMPSON			
PATROLMAN @ \$46.10/HR 08/19/14 Peter R Bissonnette	8.0000	368.80	N
PATROLMAN @ \$46.10/HR 08/19/14 Steven G Pignataro	8.0000	368.80	N

APPROVED  
SEP 16 2014  
SEWER OPERATIONS  
*[Signature]*

Invoice Total: 737.60  
TOTAL DUE: 737.60

Detach and return this portion with your payment.

CUST NO: WPD00000D8

TOTAL DUE: 737.60

INVOICE: WPDS141587

Amount Enclosed:

DATE: 08/27/14

DUE DATE: 09/10/14

Make check payable to: CITY OF WORCESTER

Remit to: TREASURER'S OFFICE  
455 MAIN STREET  
WORCESTER, MA 01608

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

13000020074800000000737609



CITY OF WORCESTER POLICE DEPARTMENT  
SPECIAL PAY DETAIL  
TREASURER'S OFFICE (508)799-1075  
455 MAIN STREET  
WORCESTER, MA 01608-1870

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

DATE: 09/03/14  
DUE DATE: 09/17/14  
CUST NO: WPD00000D8  
INVOICE: WPDS141743

-----DESCRIPTION-----	-----QTY-----	TOTAL PRICE-	TAX
HAMILTON AT COMMONWEALTH /WESTON AND SAMPSON			
PATROLMAN @ \$46.10/HR 08/25/14 Francis J Ford	8.0000	368.80	N
PATROLMAN @ \$46.10/HR 08/25/14 Nayla A Holmes	8.0000	368.80	N

APPROVED

SEP 16 2014

SEWER OPERATIONS  
*Joseph Bailey*

Invoice Total: 737.60  
-----  
TOTAL DUE: 737.60

-----  
Detach and return this portion with your payment.

CUST NO: WPD00000D8

TOTAL DUE: 737.60

INVOICE: WPDS141743

Amount Enclosed:

DATE: 09/03/14

DUE DATE: 09/17/14

Make check payable to: CITY OF WORCESTER

Remit to: TREASURER'S OFFICE  
455 MAIN STREET  
WORCESTER, MA 01608

DPW - SEWER OPERATIONS  
20 EAST WORCESTER ST  
WORCESTER, MA 01604

13000020114800000000737603

Number: CWSRF - 3763

Exhibit B

**LOAN DISBURSEMENT SCHEDULE**

<b><u>Month/Year</u></b>	<b><u>ELIGIBLE</u></b>
<b>Sep-14</b>	<b>\$877,338.26</b>
<b>Dec-14</b>	<b>\$110,493.94</b>
<b>Oct-15</b>	<b>\$236,000.00</b>
<b>TOTAL:</b>	<b>\$1,223,832.20</b>

**WORCESTER, MA**  
 DEP Project No. CWSRF - 3763

Lake Ave Pump Station Area I/I Sewer System Rehabilitation Project

**CASH DRAW DOWN SCHEDULE**

Through 10/15

Expenditure Type	Total Available (SRF Eligible)	Revised as of: 5-Nov-13																			Total Estimated
		Apr 2014	May 2014	June 2014	July 2014	Aug 2014	Sept 2014	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	June 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	
Engineering	\$ 236,000	\$0	\$15,000	\$20,000	\$35,000	\$40,000	\$40,000	\$35,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000	\$20,000	\$236,000
Construction	\$ 831,315	\$0	\$0	\$40,000	\$157,000	\$157,000	\$157,000	\$157,000	\$71,315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$92,000	\$831,315
Contingency	\$ 41,566	\$0	\$0	\$2,000	\$7,850	\$7,850	\$7,850	\$15,700	\$7,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000	\$41,566
Police	\$ 115,000	\$0	\$0	\$15,000	\$20,000	\$20,000	\$20,000	\$20,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$115,000
TOTALS:	\$ 1,223,881	\$0	\$15,000	\$77,000	\$219,850	\$224,850	\$232,700	\$227,700	\$113,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000	\$126,000	\$1,223,881

**Worcester, MA  
WSE Job No. 2140205.A**

November 5, 2014

Mr. Chris Palmer  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02114

Re: **Project No. CWSRF-3763, Loan No. CW-13-20** Worcester, MA  
Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project

Dear Mr. Palmer:

On behalf of our client, the City of Worcester enclosed please find Payment Requisition No. 1 for the Lake Ave Pump Station Area Sewer System I/I Rehabilitation Project. In addition to the required forms, copies of Weston & Sampson's invoices have been included for your use along with City of Worcester police detail invoices, and Pay Estimate Nos. 1, 2, 3, 4 and 5 submitted by the City's Contractor, National Water Main Cleaning Company (NWMCC).

Please contact me with any questions that you have or if you require any additional information.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Kara D. Keleher, PE  
Project Manager

Enclosures

cc: Mr. K. Russell Adams, PE, Assistant Commissioner of Public Works & Parks  
Ms. Mariann Castelli Hier, Treasurer, City of Worcester  
Mr. Frank Occhipinti, PE, Weston & Sampson Engineers, Inc.

O:\Worcester MA\2140205 Lake Ave Construction Services\SRF Pay Requisitions\Pay Requisition No. 1 - DEP Cover Letter.docx