



**ENGINEERING DEPARTMENT**


**Michael G. Lewis**  
City Engineer

414/302-8360  
414/302-8366 (Fax)

City Hall  
7525 West Greenfield Avenue  
West Allis, Wisconsin 53214

[www.ci.west-allis.wi.us](http://www.ci.west-allis.wi.us)  
[mlewis@ci.west-allis.wi.us](mailto:mlewis@ci.west-allis.wi.us)

**MEMORANDUM**

**TO:** Michael Lewis, City Engineer  
**FROM:** Brian D. Block, Traffic & Utility Technician   
**DATE:** September 17, 2008  
**RE:** Claim Against the City of West Allis by Badger Plumbing and Property Owners Jeff & Linda Parmann for a Failed Sanitary Lateral at 1805 S. 69 St.

**SUMMARY**

Badger Plumbing applied for and received City Excavation Permit Number 5055 to repair a sanitary connection at 1805 S. 69 St. (Tax Key No. 453-0718-000)

Badger excavated in the pavement area at the addressed location and found the wye connection on the sanitary main broken and slightly displaced downward. There was a void area under the wye connection and the lateral at the wye was separated slightly from the wye.

I instructed Badger Plumbing to make a sanitary spot relay with a sanitary lateral reconnection for 1805 S. 69 St. and a sanitary lateral reconnection for 1804 S. 69 St.

Badger Plumbing completed the relay and reconnections and restored the pavement area.

**FINDINGS & OBSERVATIONS**

- **Existing conditions and utilities in S. 69 St. at the address 1805 S. 69 St.**

The pavement at 1805 S. 69 St. is 30 ft. wide asphalt centered in a 60 ft. wide right of way. Both sides of the street have concrete sidewalk. The asphalt pavement was resurfaced in 1984.

The City of West Allis underground utilities in S. 69 St. at the above-referenced address consist of the following:

UTILITY	YEAR INSTALLED	LOCATION
15 in. concrete storm sewer	1984	23 ft. east of west RoW line
6 in. cast iron water main	1914	24 ft. west of east RoW line
18 in. clay sanitary sewer	1909	center of RoW

Records indicate that the existing sanitary sewer lateral at 1805 S. 69 St. is a 6 in. clay pipe installed in 1923.

City of West Allis Sewer Televising Report from August 2, 2004 describes the sanitary main in the 1800 block of S. 69 St. as poor and makes a note that at 5 feet north of the lateral connection for 1805 S. 69 St. "pipe is poor, ready to collapse" and at the connections to 1805 S. 69 St. and at the connection to 1804 S. 69 St. notes "factory hairline crack". South of the connection to 1804 St. 69 St. is noted "ready to collapse, dips to 1/4 pipe of water."

## CHRONOLOGY

Saturday, 08/16/08

Property owners of 1805 S. 69 St. experiences backed-up sewer condition. They attempt to clear obstructions by use of a power auger first by themselves then after they failed by hiring Blau Plumbing. Blau Plumbing fails to clear the line and notes obstruction at 47 feet out.

Tuesday, 08/19/08

Badger Plumbing representative applies in person for and receives Permit Number 5055 to excavate in S. 69 St. to repair a sanitary lateral connection.

Wednesday, 08/20/08

Badger Plumbing Crew excavates and exposes the existing sanitary lateral connection to the City main. I observe that the wye connection and the lateral are slightly separated and that the wye connection is broken and displaced downward. There is a small void area below the broken wye connection.

I instruct Badger Plumbing to make a sanitary relay with two sanitary lateral reconnects. One reconnect is for 1805 S. 69 St. and the other is for 1804 S. 69 St., which was found two feet south of the connection for 1805 S. 69 St.

It should be noted that the existing connection to 1804 S. 69 St. was exposed and discovered to be in a similar state as 1805 S. 69 St., that is with the wye broken and displaced. Badger Plumbing completed the relay with the reconnects. I instructed Badger Plumbing that slurry backfill is required and that they should make pavement restorations.

Thursday, 08/21/08

Badger Plumbing backfilled with slurry.

The property owners, Jeff & Linda Parmann, delivered receipts to the Engineering Department for their cost of attempting to open the lateral prior to Badger Plumbing's involvement. The receipts totaled \$425.49 and represent costs to lease a power auger from Home Depot and then to hire Blau Plumbing to attempt to clear the sanitary lateral using a power auger.

08/22/08

Badger Plumbing places asphalt restoration of pavement area that was disturbed with the repairs.

09/16/08

Badger Plumbing delivers invoice No. 317207 to Engineering Department

## CONCLUSIONS/RECOMMENDATIONS

It is my opinion that a failure of the direct connection or wye to the sanitary main existed at 1805 S. 69 St. I've concluded that the displaced wye caused a back-up and non-draining condition for the resident at 1805 S. 69 St.

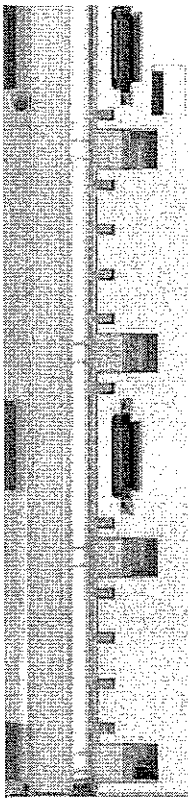
I am recommending a payment to Badger Plumbing of \$ 6,387.50, which is the amount of claim by Badger Plumbing on the Invoice No. 317207.

I am also recommending the reimbursement of \$425.29 to the property owners, Jeff and Linda Parmann for the cost to lease sewer snake from Home Depot, as shown on Home Depot Invoice No. 184026, and also for the cost to hire Blau Plumbing to attempt to clear the line, as shown on Blau Plumbing Invoice No. 23625.

BDB:

cc: Joseph Burtch  
Michael Scherer

h:\bbclaims\69st 1805s jeff & linda parmann



THE HOME DEPOT 4802  
 WEST GILES, P. 03227 GRANDBEACH  
 0820 0003 2300 08 1458  
 RECEIVED 10 11 AM



DESTINATION ADDRESS # 180006 21 08  
 SERIAL NUMBER 2 08  
 7825 14 08  
 0820 0003 2300 08 1458  
 0820 0003 2300 08 1458



THE HOME DEPOT RESERVES THE RIGHT TO  
 LIMIT / END / STOP / RECALL / OR  
 RETURN PURCHASES AT ANY TIME FOR  
 ANY REASON.

USED IT? IT'S FREE!  
 WE'LL RECALL IT FOR YOU!

ENTER FOR A CHANCE  
 TO WIN A \$5,000  
 HOME DEPOT GIFT

Your Online Personal Complete  
 For Every Surveys About Your Store Visit  
 Will Enter For A Chance To Win It!

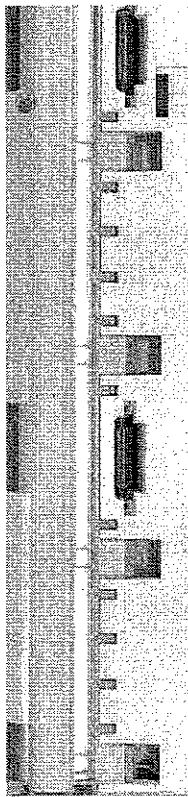
www.homedepot.com/online  
 PARTICIPATE EN UNA  
 OPORTUNIDAD DE GANAR  
 UNA TARJETA DE REGALO DE  
 \$5,000. ¡NO SE PUEDE PERDER!

As a Special Online Complete To Every  
 Store Visit Surveys About Your Store Visit  
 Will Enter For A Chance To Win It!  
 www.homedepot.com/online

User ID:  
 29951 25080  
 Password:  
 8416 28049

Expires next to expires by 03/18/2006.  
 See terms and conditions on store to enter.  
 See complete rules and restrictions on  
 purchase opportunity.

39 A  
 SNARE (K) (D) (M) (E) (L) (A) (V) (E) (R) (E) (D) (S) (I) (M) (M) (E) (D)



TO: \_\_\_\_\_

DATE: \_\_\_\_\_

WHEN TO RECALL OUT

CALL TO: \_\_\_\_\_

PHONE: (714) 415-0118 (Toll Free)

TELEPHONE  
 CALLED TO SERVICE  
 VISITS TO SERVICE  
 RETURNED TO CALL

PLEASE CALL  
 WILL CALL AGAIN  
 YES  
 NO

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP: \_\_\_\_\_



**RENTAL INVOICE**

8100 4002 W. ALAR  
11077 1/2 NATIONAL  
LAKELAND, FL 33411  
813-298-2400

8100 4002 W. ALAR  
11077 1/2 NATIONAL  
LAKELAND, FL 33411  
813-298-2400

No. 184026

STARTER REGISTER RECEIPT HERE

RECEIVED  
AUG 2 2 2006  
RICKY W. HARRIS  
NORFOLK HARBOR

Item	Description	Qty	Unit Price	Total Price
1	8002222222	1	34.00	34.00
2	8002222222	1	34.00	34.00
3	8002222222	1	34.00	34.00
4	8002222222	1	34.00	34.00
5	8002222222	1	34.00	34.00
6	8002222222	1	34.00	34.00
7	8002222222	1	34.00	34.00
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95	8002222222	1	34.00	34.00
96	8002222222	1	34.00	34.00
97	8002222222	1	34.00	34.00
98	8002222222	1	34.00	34.00
99	8002222222	1	34.00	34.00
100	8002222222	1	34.00	34.00

RENTAL EQUIPMENT  
Item No. 8002222222  
Qty 1  
Unit Price 34.00  
Total Price 34.00

Invoice Summary  
Invoice Subtotal 34.00  
Company Protection 2.00  
Sales Tax 2.00

Payment Amount 38.00  
Remaining Balance Due 0.00

\* NOT VALID WITHOUT REGISTER VALIDATION

Page 1 of 1 No. 184026 Customer Copy

080011 02 0043733R



**Wright Huber**  
409187 2008 812 2011 JAMES WELSH • 88724108

**BLAU PLUMBING INC.**  
101 SQUIRREL CREEK SERVICE  
409187 2008 812 2011 JAMES WELSH • 88724108  
PHONE 414-444-BLAU  
200 S. 10TH ST. SUITE 100  
MILWAUKEE, WI 53211

**PROPOSAL 1**  
C.No. 1111111111  
Date 8/1/06

**PROPOSAL 2**  
RECEIVED  
NOV 2 2006

**PROPOSAL 3 CREDIT CARD**

**RENTAL CONTRACT SUMMARY & INFORMATION**

ITEM NO. 8002222222  
QUANTITY 1  
UNIT PRICE 34.00  
TOTAL PRICE 34.00

SALES TAX 2.00  
COMPANY PROTECTION 2.00  
TOTAL 38.00

DATE 8/1/06  
TIME 10:00 AM  
LOCATION 101 SQUIRREL CREEK SERVICE  
MILWAUKEE, WI 53211

RENTAL EQUIPMENT  
ITEM NO. 8002222222  
QUANTITY 1  
UNIT PRICE 34.00  
TOTAL PRICE 34.00

SALES TAX 2.00  
COMPANY PROTECTION 2.00  
TOTAL 38.00

DATE 8/1/06  
TIME 10:00 AM  
LOCATION 101 SQUIRREL CREEK SERVICE  
MILWAUKEE, WI 53211

PERMIT REQUIRED YES / NO  
PERMIT NO. 1011111111

SALES TAX 2.00  
COMPANY PROTECTION 2.00  
TOTAL 38.00

DATE 8/1/06  
TIME 10:00 AM  
LOCATION 101 SQUIRREL CREEK SERVICE  
MILWAUKEE, WI 53211

RENTAL EQUIPMENT  
ITEM NO. 8002222222  
QUANTITY 1  
UNIT PRICE 34.00  
TOTAL PRICE 34.00

SALES TAX 2.00  
COMPANY PROTECTION 2.00  
TOTAL 38.00

DATE 8/1/06  
TIME 10:00 AM  
LOCATION 101 SQUIRREL CREEK SERVICE  
MILWAUKEE, WI 53211

CUSTOMER COPY  
\$306.00 (LOW BLEN)

317207

STATEMENT		DATE	TERMS
TO		9/10/08	
City of West Allis			
ADDRESS			
7525 W Greenfield Av.			
West Allis W. 53214			
IN ACCOUNT WITH			
BADGER PLUMBING			
EXCAVATING			
10343 W. Fond Du Lac Av.			
Milwaukee, WI 53224			
414-464-6760			
Job	- 1805 S. 69 ST		\$ 400 00
	T.V. and Clean Sewer		\$ 750 00
	Cut and Repair Road		\$ 850 00
	Materials		\$ 4250 00
10	hrs at \$425 <sup>00</sup> per hr.		\$ 4250 00
	Permits		\$ 137 50
	Total Due		\$ 6387 50

FORM DC6812

