



#### **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 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 St. 69 St. notes "factory hairline crack". South of the connection to 1804 St. 69 St. is noted "ready to collapse, dips to ½ 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.

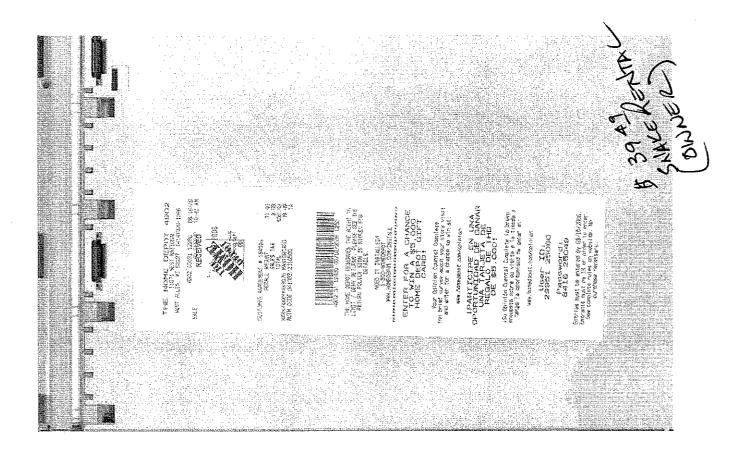
I am also recommending the reimbursement of \$425.29 to the property owners, Jeff and Linda Parmann for the cost to lease sewer snake from Home Depot, as shown on Home Depot Invoice No. 184026, and also for the cost to hire Blau Plumbing to attempt to clear the line, as shown on Blau Plumbing Invoice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

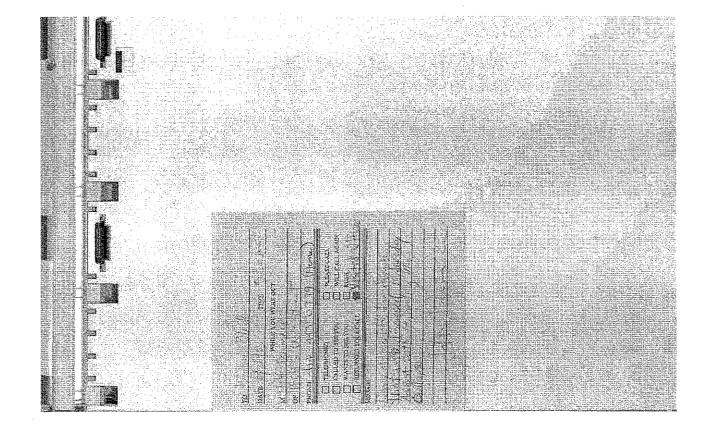
BDB:

CC:

Joseph Burtch Michael Scherer

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





	lf	
1		
	_7	00000F
		ò
	3	Š,
4	Į	
	4	
		Č
		TOTOL SEPTEMBER
2.0503		4
		1

RENTAL INVOICE

STOR GODS W ASLES 1107: W NATIONAL WISST ALUS, WI 88227 Of 14: 328/2440

MEN POLITION IN THE ANALYSIS OF THE ANALYSIS O

5888888 20,000

STAPLE RESISTER RECEIPTHERE No. 184026

RECEIVED

196 2 3 d00s THE WASHINGTON

12.3.7:	- Dare 1 180, 150, 150, 180	- 100 CO	15 market 31
			2010
The Metal of Language	35.47	Ki shi maantisahaan	
25 69 8 805			O CARD
Data yan Yana Gar	Date and Port Day at	Date And Table Co. Date and Proceedings of the Processing State and Proc	Zwitajo Puliko
ms 82 % 8002 51.000	\$8116,2868 E.ZE	26.15.25.08 10:40 and the contraction of the contra	A RA
RENTAL EQUIPMENT			
Part Number Out in	Description Mis	Print Standar Dat. In Deskripton Min Charge Earlichee Par Day Per West Per Kleinshi DF Flux	Per Stonds DF Lax Amount
5440105714 1 Server and	he (40' X 1/2' (Bleefule)	\$440108714 1 Sever same (G. X 127 1865185 C44.03 3 GO 48.30 193.03 578.03 Y X	2: 578,00 Y Y 84,00
25021d : Caserq fo	- Chosairty For - Setaint Chist		<i>&gt;</i> .

inysine Suurosal 34.00. Cantego Protection, 3.63. Sains Tink, 2.600 39.49 Iotal Payntiest Amount \* Romshing Balance Due \* NOT VALID WITHOUT REGISTER VALIDATION

INVOICE SUMMARY

(9801) 03 0043733#

Customer Copy

No. 184026

Proper of %

Transfer to the second
The set Parks, the half of the set of the se
EDECTOR DESCRIPTION

SYCICE	0362	Application of the state of the					Carrier of the carrie			Na light Sept Tage 3.6 Physics	313 S S S S S S S S S S S S S S S S S S		Noticed Association	Printer.
My ynch	** ** ** ** ** ** ** ** ** ** ** ** **	THE PROPERTY OF THE PROPERTY O	Day O	And the second commence of the second commenc	A the second sec	3852624	Ganacak	The state of the s	Company of College Commencer Commenc	Disky Picky	TXXOXOXAVVINE WIN		consistence is destructed by the first management of the property of the prope	2007(): 4 494()
	A THE WALL THE STATE OF	SAME AND TRUCKS SAME AND ALLEYS		A CONTRACTOR OF THE CONTRACTOR	7.5		The state of the s			Norgistra hadal	Transport of points of the case of the cas		The state of the s	- property and a page
Space Co.	MAN SONT CONT.	の 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		See	14					Price	PROPERTY.	A CONTRACTOR OF THE PARTY OF TH	The second secon	Programs Course

FIXED BUILT. COVERNER SERVED S Sec. of a SMESS WAYNESS P. Com. Nom be thep of com.

J. M. Kalling, A. Worley, W. Com. See all the proposed of visite by the communication of the proposed of the communication of the communica AND STATE OF THE S

young the described departs separate that also bus the sa

VERNOT REQUIRED YES J NOT (1976) The control of particular and control of the contro March 1997 (1997) (1997 THE STATE OF THE SEAL.

[Napskie 11 | Napskie 12 | Naps The control of the co TRUCK CHABGE SANTON AND AND STORY SANTON SA

TOTAL JOSE LEIGHTER (NEW) SIMPORAL DIAGNOSTIC FRY PROPOSAL N PROPOSAL A

UNITEE MARKATE SEE REVERSE SIDE POPTINGIED WARRANEY ERMIS AND CONDITIONS

CUSTOMER COPY



TEN TO THE TENT OF	STATEMENT DATE //O/OB	West Allis	Green Field AU.	Allis W. 53314	BADGER PLUMBING	10343 W. Fond Dw Line 4v.	The state of the s	1805 5 6951	1/ 2nd Clean Start	**	850	\$435 Per hr	cmits 6	2	10Tal Due 638150									
--	-----------------------	------------	-----------------	----------------	-----------------	---------------------------	--	-------------	--------------------	----	-----	--------------	---------	---	------------------	--	--	--	--	--	--	--	--	--

## GREEN BAY PIPE & TV CONTRACTORS, LLC TELEVISING REPORT

	T		A Challe and Challer to the company	£		manageriges communicated and communicate							
PROJECT	WEST	TALLIS,	W)	DATE	8/2/04	Walking & Constitution of the constitution of	PAGE	148	ensi <b>en v</b> oorden van de versche van de versche voorden van de versche voorden van de versche voorden van de versche voorden van de versche va				
LOCATION	S. 69 <sup>17</sup>	STREET		FROM MH	i ini	······································	TO MH	viti					
SANITARY X	STO	RM		TYPE OF PIPE	CLAY	uatokyanakaromunokyovýv	SIZE	<b>8</b>					
PIPE LENGTH	2	DENYILL CONTROL OF THE PARTY OF		ME DEPTH	18		SURFACE	E BLACKTOP					
OPERATOR	RAN	DY HERN	ians	JOINT	TAR		VIDEO TAPE	and the state of t					
TAPE MEASURE LENGTH	219			The state of the s			WEATHER	R SUNNY					
	HOU SER	SE VICES		ESTIMATE	РНОТО-	-VIDEO	A number mann conserve to an armonomous profession ( ) ( ) ( ) ( ) ( ) ( )	VIEWING	SOUTH				
FOOTAGE	L	R	TOP	† INFIL   GPM	PHOTO NO.	TAPE H:M:S	N year old	FLOWING	SOUTH				
0						3:12:14	1.97161	Control of the second section of the second	Examena x x x x x x x x x x x x x x x x x x x				
3				Summer of the second			CRACKS AT 1500, FG	!, 639, 9 0a (CCS)	T&UED)				
5 	<u></u>						GROKEN JOENT AT AL	11)					
14 ************************************				\$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$			FIDE IS POKUE, READY	XEADY TO COLLARSE					
19		Į Y	} 		\$		FACTORY - HARLING	AY-PARASECKACK					
	l Y						FACTORY - FACTORY	utory - Hairline Clauk E of Water					
(8	Section of Section 1	Y		and a parameter and a second and the		) MARKO 2012) AN MICHININA POR PORT	FACTORY GOOD	and the state of the second state of the desire of the second state of the second seco					
70	ΪΥ	*		ACCRECATE OF THE PARTY OF THE P	l	Mut Kentubu enieneile etiin :	FACTORY - 0000.	(alakses) estimation attimation antimateria materiales estimations estimates est section estimates est per pro-					
78		1	Ì		il a november of the control of the	3	LARGEHOLE WITE						
9)		Υ				Andrew Constitute of State Constitution of the State Constitution of t	FACTORY - CKETP	was war was too the same while the state of the transfer of the same and the same a					
93	Y	710					FACTURY GOOD	T GOOD					
112		1					NORMAL FLOW	i kan					
115		ĬΥ					FACTORY - MINERAL	EEALDERSIT					
117	ĺΥ						RACTURY GOOD	стология с постания в выполня в настания в н Сторогия в настания в					
124	ii Lawanaanaanaana						Himiral deposit of	AND CONTEN	JED)				
138		ĮУ		1865 187 ME / de 1988 Me 1970 Me			FACTORY - GOOD						
141	ł Y		yenden kanadarangahan m				PACTORY GOOD	LT 2007 17 1707 2007 1 2 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7 1 2 5 7					
161	) 	ľ	Seripidad Selection - Land Series			MANAGE AND	TAP - MINERAE DEPO	517					
166	Υ	<u> </u>	Salah da andara na			AND THE PROPERTY OF THE PROPER	FACTORY GOOD	TORY - GOOD					
188	<u> </u>	Į V			Same and the same	Carana de Alla de Antonio de Carana (Carana) de Galada (Carana	FACTORY - COOD	V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					
[3]	¥					18 (900) ( 1981.) ( 1887 - 1888 - 1889 )	FACTORY - BOOD	ACTORY - BOOD					
201	<u> </u>	<b>L</b>	201200200000000000000000000000000000000			p Lejanski a osiarista sustani	DIPS TO SPIFE OF WATER						
216	Transmitt Lebisla Kok	} }		Contraction of the Contraction o	S. S	Xahamahanaman arang sering ay	CHARGE TO TWO PIPE	1994 i 1995 po capa co como come acome come come come como como como como					
214	<u></u>					3:24:48	MIRA						
	accessoration on the control of					di iliani iro kansa anamida e toko ki 440.		NAME OF THE PROPERTY OF THE PR					
MANAGARAN SARAHAN SARA	Saransainiaithili E	printerioristani.	252111421111111111111		Annous comme	/	LPE IS POOR	125/Arteriornessen					
	ļ	ļ											
grafensk med de grafen och fram 1980 i 1884 Kritisk fill fram 1880 i serim im en sammen grafen som		<u> </u>	TEX. 100 - 17 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -	та предоставляющий пременяющий предоставления в предоставления по предоставления по предоставления по предоста Предоставляющий предоставления предоставления предоставления предоставления по предоставления предоставления п	<u> </u>	jujumous meneroma est sus sections de l'est est		PAZZiani meimorene, egungen massa	MENONA BURGES A NOCUMENTO OCCUPANTO ANTONIO A ANTO				
201411578457845784545454444444444444444444	ļ	International				gennee ann anna he seile (1977)		MARKETER DE LA COUNTRE CE CONTRE LA					
destructions are consistent and a second of the second	ļ			**************************************		***************************************							
	ļ	Č. marinistici (* )	, w nezhotujú nazájiná XXX		-	and a supplementation of the supplementation	A STATE OF THE STA		half & Selecta flow of the Section (18) - Committee Configuration (18)				
							act Mantabacticis, const						
	<u></u>	Çananarı reserve en energi		20000		vojniza amazarare es a negrenes ve							
							The state of the s						

.....