

Regional. Reliable. Everyday.

June 30, 2022

Mr. Randy Reznicek President Rose Hill Special Utility District 1377 CR 274 Terrell, Texas 75160

RE: PRELIMINARY CHARGES FOR FISCAL YEAR 2023

Dear Mr. Reznicek:

To assist the Rose Hill Special Utility District in the preparation of its budget, the District is providing preliminary estimates of revenues, expenses, and city charges for FY 2023. These estimates, including your Regional Water System minimum annual demand, are based on the most recent information available and are subject to change as the District continues to develop its FY 2023 annual budget. As the District progresses through the budget process, demand projections will be revised accordingly in an effort to reflect your estimated minimum annual demand for the upcoming year. Once the July water consumption is recorded, the minimums for next year will be calculated.

At this time, the proposed Customer City Water Rate for FY 2023 is expected to be \$3.44 per 1,000 gallons. Enclosed are the Preliminary 2022-23 Budget Summary and Billing Schedules for the following charges:

•	Regional Water System	\$ 492,852.24
•	Kaufman 4-1 Water Distribution Facilities - Water	\$ 124,379.20
•	Kaufman 4-1 Water Distribution Facilities - O&M	\$ 9.804.12

Please note current economic and market conditions are placing significant pressure on commodity prices, staffing costs and disrupting supply chains the District is reliant upon. The combination of world-wide events including the pandemic and the Russia/Ukraine conflict has exacerbated the significant supply issues and limited vendor options for chemicals to treat water and wastewater. To mitigate the unprecedented increase in chemicals, we conducted out-of-cycle rebids for many of the chemicals we need to meet the mission, which shifted the contract terms from a historically utilized fixed unit price contract to a contract that adjusts pricing quarterly based on appropriate indices. These new contracts allow the District to secure the essential supply of chemicals necessary for our services and water quality standards by sharing an acceptable level of market risk with our supply partners, until such time that the chemical market regains predictability, and we can shift back to an annual fixed pricing model. This resulted in the District forecasting a 49% increase in the Regional Water System's chemical budget from approximately \$50 million to approximately \$74 million in FY 2023. Our current year budget is also affected by the increase in chemical prices. As a result, the District is currently not budgeting to provide a variable cost rebate in the FY 2022 amended budget.

Mr. Randy Reznicek June 30, 2022 Page 2

The Kaufman 4-1 System's FY 2023 annual budget is estimated at \$150,685, which is \$20,335 or 15.6% greater than the FY 2022 original budget. The increase is primarily related to air relief valve repair and replacement. The budget increase was determined through planning with Kaufman 4-1 partners.

As is occurring in organizations throughout the country, the District is challenged with a high turnover rate and the highest inflation numbers in 40 years. We have seen some stabilization in the District's turnover rate, however as of May 31st, 2022 it remains higher than average at 11.6%. It is imperative that the District offer competitive pay to attract and retain professional staff to plan, provide and manage the District's continually growing systems and services. The proposed FY 2023 budget also incorporates revisions to our capital improvement programs to address growth, maintenance of aging infrastructure, and peak flows. In the Regional Water System, the District is planning for new water sources to meet the needs of a fast-growing region. Additionally, construction costs and interest rates are on the rise adding to debt service expense.

At your convenience, you may visit our website at http://www.ntmwd.com, for additional Financial Transparency information and to view past committee meeting presentations. Should you have any questions or need additional information, please contact Jeanne Chipperfield, Deputy Director – Administrative Services, by e-mail at jchipperfield@ntmwd.com.

Sincerely,

JENNAFER P. COVINGTON

unnater Covington

Executive Director

JPC/JC/EAF/DTF/kar Enclosures

cc: Nancy Essary, General Manager

Net Revenues

Revenues and Expenses		2020-21		2021-22 Original		2021-22 Amended		2022-23 Proposed		Variance \$ To Original	Variance % To Original
		Actual		Budget		Budget		Budget		Budget	Budget
Revenues											
Water Sales:											
Member Sales	\$	290,090,413	\$		\$				\$	45,875,774	15.38%
Customer Sales		66,007,189		67,217,086		72,336,408		83,235,625		16,018,539	23.83%
Retail Customer Sales		23,237		21,000		16,000		16,000		(5,000)	-23.81%
Raw Water Sales		1,865		990		2,105		1,490		500	50.51%
Total Water Sales	\$	356,122,705	\$	365,589,418	\$	372,913,158	\$	427,479,231	\$	61,889,813	16.93%
Other Revenues:											
Tfr - Prior Year Recovery	\$	-	\$	-	\$	231,030	\$	-	\$	-	0.00%
Other		8,574,557		331,547		359,312		541,559		210,012	63.34%
Total Other Revenues	\$	14,991,557	\$	331,547	\$	590,342	\$	541,559	\$	210,012	63.34%
Interest Income		44,676		51,540		56,100		56,100		4,560	8.85%
Tfr from Rate Stabilization		2,550,000		3,000,000		3,000,000		-		(3,000,000)	-100.00%
Total Revenues	\$	373,708,938	\$3	868,972,505	\$	376,559,600	\$	428,076,890	\$	59,104,385	16.02%
Expenses											
Personnel:											
Salaries	\$	8,222,459	\$	9,873,670	\$	9,307,275	\$	11,360,605	\$	1,486,935	15.06%
Other	4	4,276,084	Ψ	4,460,920	Ψ	4,378,505	4	5,501,235	4	1,040,315	23.32%
Total Personnel	\$	12,498,543	\$	14,334,590	\$	13,685,780	\$	16,861,840	\$	2,527,250	17.63%
Supplies:											
Fuel	\$	68,948	\$	85,870	\$	85,870	\$	139,238	\$	53,368	62.15%
Chemicals	•	36,031,628	-	49,768,805	•	55,581,565	•	73,965,125	•	24,196,320	48.62%
Other		3,738,858		3,506,800		3,878,480		4,988,999		1,482,199	42.27%
Total Supplies	\$	39,839,433	\$	53,361,475	\$	59,545,915		79,093,362	\$	25,731,887	48.22%
Services:											
Consulting	\$	2,860,245	\$	3,594,500	\$	3,666,045	\$	3,299,000	\$	(295,500)	-8.22%
PUC		6,600,000		-		***		***		-	0.00%
Insurance		950,829		1,704,680		1,704,680		2,257,450		552,770	32.43%
Landfill Service Fees		715		-		-		***		_	0.00%
Maintenance		12,239,838		13,431,710		13,783,480		17,167,690		3,735,980	27.81%
Power		34,585,683		21,698,100		21,698,100		26,440,355		4,742,255	21.86%
Shared Services		40,188,481		40,914,885		40,914,885		44,469,075		3,554,190	8.69%
Water Purchases		4,914,063		5,995,355		5,382,265		6,472,005		476,650	7.95%
Other		6,621,987		5,978,965		6,453,175		4,401,286		(1,577,679)	-26.39%
Total Services	\$	108,961,841	\$		\$			104,506,861	\$	11,188,666	11.99%
Capital Outlay	\$	1,331,035	\$	1,655,500	\$	1,480,395	\$	2,993,500	\$	1,338,000	80.82%
Escrow	\$	50,000		1,250,000		1,250,000		88,070		(1,161,930)	-92.95%
Capital Improvement Fund	\$	36,200,000		15,000,000		15,000,000		20,000,000		5,000,000	33.33%
Debt Service	\$							194,803,145		4,205,350	2.21%
Fund Bal. Incr. to 90 Days	\$		\$		\$		\$			8,900,000	0.00%
Total Expenses								427,246,778		57,729,223	15.62%

\$ 865,745 \$ (545,050) \$ 1,397,085 \$ 830,112 \$ 1,375,162

2022-23 Billing Schedule - Customers

	Al	oles Springs WSC	Bea	r Creek SUD		BHP Water Supply Corp	Bonham		Caddo Basin SUD	Cash SUD	Colle	ege Mound SUD
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)		106,838		366,938		159,006	640,000		484,014	360,719		78,066
October	\$	30,625.72	\$	105,187.72	\$	45,578.64	\$ 180,800.00	\$	138,747.16	\$ 103,407.36	\$	22,378.04
November		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
December		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
January		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
February		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
March		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
April		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
May		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
June		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
July		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
August		30,627.00		105,189.00		45,582.00	180,800.00		138,751.00	103,406.00		22,379.00
September		30,627.00		105,189.00	_	45,582.00	180,800.00	_	138,751.00	103,406.00		22,379.00
Total	\$	367,522.72	\$	1,262,266.72	\$	546,980.64	\$ 2,169,600.00	\$	1,665,008.16	\$ 1,240,873.36	\$	268,547.04

	Co	peville SUD	East Fork SUD	Fairview	Fate #1	Fate #2	Forney Lake WSC	Gastonia-Scurry SUD
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)		134,140	677,347	907,180	279,932	592,215		110,490
October	\$	38,458.60	\$ 194,170.68	\$ 260,061.20	\$ 80,249.08	\$ \$ 169,771.60	174,839.36	\$ 31,671.60
November		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
December		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
January		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
February		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
March		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
April		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
May		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
June		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
July		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
August		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
September		38,453.00	194,173.00	260,058.00	80,247.00	169,768.00	174,836.00	31,674.00
Total	\$	461,441.60	\$ 2,330,073.68	\$ 3,120,699.20	\$ 962,966.08	\$ 2,037,219.60	\$ 2,098,035.36	\$ 380,085.60

2022-23 Billing Schedule - Customers (continued)

	GTUA	Josephine	Kaufman	K	(aufman 4-1	Little Elm	Lucas	Melissa
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)	1,157,466	205,288	459,989		555,695	1,821,310	648,444	377,632
October	\$ 331,806.04 \$	58,851.72 \$	131,858.16	\$	159,301.80	\$ 522,107.40 \$	185,890.36	108,249.08
November	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
December	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
January	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
February	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
March	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
April	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
May	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
June	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
July	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
August	331,807.00	58,849.00	131,864.00		159,299.00	522,109.00	185,887.00	108,255.00
September	 331,807.00	58,849.00	131,864.00		159,299.00	 522,109.00	185,887.00	108,255.00
Total	\$ 3,981,683.04	706,190.72	1,582,362.16	\$	1,911,590.80	\$ 6,265,306.40	2,230,647.36	1,299,054.08

	М	illigan WSC	Mt Zion WSC	Murphy	Nevada #1	Nevada #2	North Collin SUD	Parker
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)		149,894	159,302	1,638,553	70,356	70,985	346,239	582,746
October	\$	42,965.36	\$ 45,661.88 \$	469,713.32	20,165.64	\$ 20,349.40	\$ 99,257.16 \$	167,052.24
November		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
December		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
January		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
February		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
March		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
April		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
May		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
June		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
July		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
August		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
September		42,970.00	45,667.00	469,719.00	20,169.00	20,349.00	99,255.00	167,054.00
Total	\$	515,635.36	547,998.88	5,636,622.32	242,024.64	\$ 244,188.40	\$ 1,191,062.16 \$	2,004,646.24

2022-23 Billing Schedule - Customers (continued)

	Prosper	Rose Hill SUD	Rowlett		Sachse	S	ieis Lagos MUD	 Sunnyvale	Terrell
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)	2,998,903	143,271	3,192,039		1,332,153		147,416	732,206	1,415,098
October	\$ 859,680.32	\$ 41,071.24	\$ 915,053.16	\$	381,882.32	\$	42,262.04	\$ 209,899.64 \$	405,666.12
November	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
December	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
January	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
February	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
March	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
April	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
May	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
June	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
July	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
August	859,686.00	41,071.00	915,051.00		381,884.00		42,259.00	209,899.00	405,661.00
September	 859,686.00	41,071.00	915,051.00	_	381,884.00	_	42,259.00	 209,899.00	405,661.00
Total	\$ 10,316,226.32	\$ 492,852.24	\$ 10,980,614.16	\$	4,582,606.32	\$	507,111.04	\$ 2,518,788.64 \$	4,867,937.12

	١	Wylie NE #1		Wylie NE #2		Total
ESTIMATED MIN. ANNUAL DEMAND (1,000 Gal)		307,630		186,311		24,205,705
October	\$	88,190.20	\$	53,410.84	\$	6,936,292.20
November		88,187.00		53,409.00		6,936,303.00
December		88,187.00		53,409.00		6,936,303.00
January		88,187.00		53,409.00		6,936,303.00
February		88,187.00		53,409.00		6,936,303.00
March		88,187.00		53,409.00		6,936,303.00
April		88,187.00		53,409.00		6,936,303.00
May		88,187.00		53,409.00		6,936,303.00
June		88,187.00		53,409.00		6,936,303.00
July		88,187.00		53,409.00		6,936,303.00
August		88,187.00		53,409.00		6,936,303.00
September		88,187.00		53,409.00		6,936,303.00
Total	\$	1,058,247.20	\$	640,909.84	\$	83,235,625.20

Kaufman Four-One Water Distribution Facilities

Revenues and Expenses	enues and Expenses 2020-2		2	021-22		2021-22		2022-23	3 Variance \$		Variance %
		Actual		Driginal Budget	A	lmended Budget	F	Proposed Budget	٦	o Original Budget	To Original Budget
Revenues											
Sewer Sales:											
Water Facilities: College Mound	\$	19,278	\$	23,561	\$	23,555	\$	27,230	\$	3,669	15.57%
Water Facilities: City of Crandall		35,170		42,984		43,004		49,713		6,729	15.66%
Water Facilities: Gastonia-Scurry		45,261		55,317		55,304		63,932		8,615	15.57%
Water Facilities: Rose Hill		6,941		8,483		8,481		9,804		1,321	15.57%
Total Sewer Sales	\$	106,650	\$	130,345	\$	130,345	\$	150,680	\$	20,335	15.60%
Total Other Revenues	\$	44,796	\$	-	\$	_	\$	_	\$	-	0.00%
Interest Income	\$	8	\$	5	\$	5	\$	5	\$	_	0.00%
Total Revenues	\$	151,454	\$	130,350	\$	130,350	\$	150,685	\$	20,335	15.60%
Expenses											
Supplies:											
Other	\$	8,374	\$	27,460	\$	27,460	\$	33,460	\$	6,000	21.85%
Total Supplies	\$	8,374	\$	27,460	\$	27,460	\$	33,460	\$	6,000	21.85%
Services:											
Insurance	\$	732	\$	935	\$	935	\$	1,020	\$	85	9.09%
Maintenance		300		9,750		9,750		8,450		(1,300)	-13.33%
Power		119,381		40,000		40,000		45,000		5,000	12.50%
Shared Services		22,490		41,560		41,560		51,975		10,415	25.06%
Other		178		140		140		275		135	96.43%
Total Services	\$	143,080	\$	92,385	\$	92,385	\$	106,720	\$	14,335	15.52%
Escrow	\$	-	\$	10,505	\$	10,505	\$	10,505	\$	-	0.00%
Total Expenses	\$	151,454	\$	130,350	\$	130,350	\$	150,685	\$	20,335	15.60%
Net Revenues	\$		\$	-	\$		\$		\$		0.00%

Kaufman Four-One Water Distribution Facilities

Member City Charges	2	2020-21	2	021-22		2	021-22		2022-23			
		Actual	Origi	inal Budget		Amen	ded Budget		Propo	sed Budget		
College Mound	\$	19,278	\$	23,561		\$	23,555		\$	27,230		
Crandall		35,170		42,984			43,004			49,713		
Gastonia Scurry		45,261		55,317			55,304			63,932		
Rose Hill		6,941		8,483			8,481			9,804		
Total	\$	106,650	\$	130,345		\$	130,345		\$	150,680		
Annual Flow (1,000):												
College Mound		100,447		100,447	18.076%		100,447	18.072%		100,423	18.072%	
Crandall		183,252		183,252	32.977%		183,381	32.993%		183,339	32.993%	
Gastonia Scurry		235,831		235,831	42.439%		235,831	42.429%		235,776	42.429%	
Rose Hill		36,165		36,165	6.508%		36,165	6.507%		36,157	6.507%	
Total		555,695		555,695	100.000%		555,824	100.000%		555,695	100.000%	

Kaufman Four-One Consumption FY 21-22

6/8/2022 11:42

	College		Gastonia			Master
	<u>Mound</u>	<u>Crandall</u>	<u>Scurry</u>	<u>Rosehill</u>	<u>Sum</u>	<u>Meter</u>
Aug-21	11,820	18,944	22,635	-	53,399	51,586
Sep-21	8,513	23,491	24,836	-	56,840	55,183
Oct-21	10,217	22,613	19,582	-	52,412	50,998
Nov-21	7,905	14,888	15,838	-	38,631	37,984
Dec-21	12,333	14,521	16,970	-	43,824	42,056
Jan-22	6,006	10,998	14,375	-	31,379	32,926
Feb-22	6,778	11,515	13,705	-	31,998	32,110
Mar-22	7,200	11,282	15,060	-	33,542	34,013
Apr-22	3,784	13,236	19,065	-	36,085	34,971
May-22	146	12,627	19,506	-	32,279	33,072
Jun-21 *	8,967	15,088	21,415	-	45,470	44,877
Jul-21 *	8,977	16,993	19,585	-	45,555	44,058
	92,646	186,196	222,572	_	501,414	493,834

^{*}Estimated based on June - July 2021 Consumption.

Kaufman Four-One Adjustment of Minimums

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	FY Minin		FY Individua	22 al Meters	(1) FY22 Master Meter Allocation				
	(a)	(b)	(c)	(d)	(e)	(f = d)			
College Mound	100,447	18.0758%	92,646	18.4769%	91,245	18.4769%			
Crandall	183,252	32.9771%	186,196	37.1342%	183,381	37.1342%			
Gastonia - Scurry	235,831	42.4390%	222,572	44.3889%	219,207	44.3889%			
Rose Hill	36,165	6.5081%		0.0000%		0.0000%			
Total	555,695	100.0000%	501,414	100.0000%	493,834	100.0000%			

	(2) FY22 Adjusted Minimums			(3) FY23 Minimums		
	(g = > a or e)	(h)		(i)	(j = h)	
College Mound	100,446.575	18.0716%		100,423.226	18.0716%	
Crandall	183,381.305	32.9927%		183,338.678	32.9927%	
Gastonia - Scurry	235,831.172	42.4291%		235,776.353	42.4291%	
Rose Hill	36,165.150	6.5066%		36,156.744	6.5066%	
Total	555,824	100.0000%	:	555,695	100.0000%	

Notes: Minimums and Metered Consumption are stated in 1,000 gallons.

- (1) To Allocate the Master Meter in Proportion to Individual Meters.
- (2) Based on the greater of the FY22 Minimums or the FY22 Master Meter Allocation.
- (3) Allocation of the greater of FY22 Minimum or FY22 Master Meter in Proportion to FY22 Adjusted Minimums.

Kaufman Four-One Allocation of FY23 Annual Budget

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Cost of Water: 555,695,000 gallons x \$3.44 per 1,000 gallons = \$1,911,590.80

Operations & Maintenance:

 Expenditures
 \$ 150,685

 Tsf from Maintenance Reserve
 \$

 Other Income
 \$ (5.00)

 Total O&M
 \$ 150,680
 \$ 150,680.00

Total Cost \$2,062,270.80

Cost Allocation by Participant:

	FY23 Minimums (1,000 gallons)		 Cost of Water	Cost of O&M	Total Cost
College Mound	100,423	18.0716%	\$ 345,455.90	\$ 27,230.35	\$ 372,686.25
Crandall	183,339	32.9927%	630,685.05	49,713.37	680,398.42
Gastonia - Scurry	235,776	42.4291%	811,070.65	63,932.16	875,002.81
Rose Hill	36,157	6.5066%	124,379.20	9,804.12	134,183.32
Total	555,695	100.0000%	\$ 1,911,590.80	\$150,680.00	\$2,062,270.80
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