

Proclamation

CITY OF BUNKER HILL VILLAGE, TEXAS

WHEREAS, The United Nations Education, Scientific and Cultural Organization designated October 5th of every year as “World Teachers’ Day,” which is a day to celebrate the central role that teachers play in guiding children, youth and adults through the life-long learning process; and

WHEREAS, The City of Bunker Hill Village’s future strength depends on providing a high-quality education to all students; and

WHEREAS, Teacher quality matters more to student achievement than any other school-related factor; and

WHEREAS, Teachers spend countless hours preparing lesson plans and supporting students; and

WHEREAS, Our Spring Branch Independent School District Teachers have demonstrated great resilience, adaptability, and creativity during the COVID-19 crisis; and

WHEREAS, Our community recognizes and supports its teachers in educating the children of this community; and

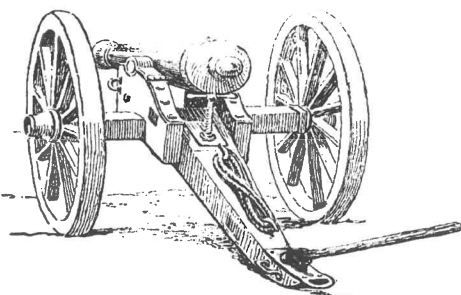
WHEREAS, #TeachersCan is a statewide movement supported by more than 125 partnering businesses and organizations committed to elevating the teaching profession and honoring the critical role teachers play in the success of Texas; and

NOW, THEREFORE, on behalf of the City Council
of the City of Bunker Hill Village,
I, Mayor Robert P. Lord, do hereby proclaim and join

#TeachersCan and Its Partnering Entities Across Texas In Celebrating World Teachers’ Day In the City of Bunker Hill Village October 5, 2022

And BE IT FURTHER RESOLVED that the City of Bunker Hill Village City Council encourages members of our community to “Be a light for Texas teachers” and personally express appreciation to our teachers and display a light blue ribbon outside homes or businesses the week of October 5, 2022 as a symbol of support for our Spring Branch Independent School District Educators.

In Witness Whereof, I have hereunto set my hand and have caused the Official Seal of the City of Bunker Hill Village to be affixed this 5th day of October 2022.



Robert P. Lord, Mayor

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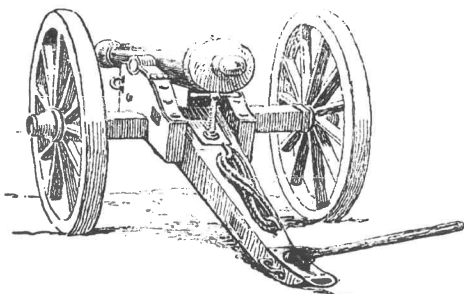
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#TeachersCan and Its Partnering Entities Across Texas In Celebrating World Teachers’ Day *In the City of Bunker Hill Village* October 5, 2022

And BE IT FURTHER RESOLVED that the City of Bunker Hill Village City Council encourages members of our community to “Be a light for Texas teachers” and personally express appreciation to our teachers and display a light blue ribbon outside homes or businesses the week of October 5 as a symbol of support for our Spring Branch Independent School District Educators, and in particular, our excellent teachers at Frostwood Elementary School.

In Witness Whereof, I have hereunto set my hand and have caused the Official Seal of the City of Bunker Hill Village to be affixed this 5th day of October 2022.



Robert P. Lord, Mayor

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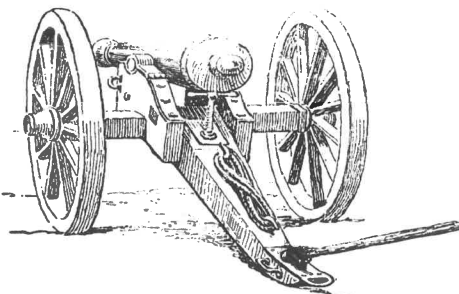
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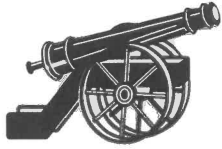
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In Witness Whereof, I have hereunto set my hand and have caused the Official Seal of the City of Bunker Hill Village to be affixed this 5th day of October 2022.



Robert P. Lord, Mayor



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: V A - C

Subject/Proceeding: PRESENTATION ON THE PROPOSED 2023 BUDGET

PUBLIC HEARINGS ON THE 2023 BUDGET AND
THE 2022 PROPOSED PROPERTY TAX RATE

ADOPTION OF THE 2023 BUDGET AND 2022 TAX RATE

Exhibits: Public Hearing Notices
Ordinance 22 -582 & Attachment 2023 Budget – *as filed August 4, 2022*
Ordinance 22 -583

Clearance: Karen Glynn, City Administrator/Acting City Secretary
Susan Grass, Finance Director

Executive Summary

The City Staff recognize that the annual budget process is the single most important financial responsibility of a local government. In accordance with the Local Government Code, Chapter 102, Texas cities are required to adopt an annual budget. The Texas Tax Code Section 26.05 requires cities that levy a property tax to approve their tax rate by September 30th or by the 60th day after the taxing unit receives the certified roll, whichever date is later regardless of the date their fiscal year starts.

A budget workshop was held with the Mayor and City Council on June 29, 2022 to present the assumptions; capital projects; draft financial statements and details; and priorities outlined for 2023. Pursuant to Senate Bill 2 and the Texas Tax Code, the City Council voted on August 4, 2022 to propose a tax rate of \$0.2750 as well as the tax rate allocation between debt service (\$0.040248) and M&O (\$0.234752) to support debt service, operations, and the capital improvement program. The proposed truth-in-taxation tax rate calculations included:

Proposed Tax Rate	\$0.275000
No New Revenue Tax Rate	\$0.264113
Voter Approved Tax Rate	\$0.283036
De Minimis Tax Rate	\$0.278178

The budget was filed with the City Council on August 4, 2022 based on the proposed tax rate of \$0.27500. The proposed budget totals \$13.6 million; \$3.8 million for capital improvements; \$8.5 million for operating expenditures/expenses, including police, fire, water/wastewater, and solid waste, and \$1.3 million for the City's annual debt service obligation. Public Safety accounts for 29% of the City's total operating budget and 74% of the City's General Fund operating budget. Public Safety priorities includes funding a second ambulance in the Fire Department and making salary adjustments for both Police and Fire.

The Capital Budget of \$3.8 million, includes the design for the Memorial Drive (west City boundary line, through the Gessner Road intersection) and Gessner Road (northbound lanes from south City boundary line to Memorial) reconstruction project. The project will also make improvements to the water line, sidewalks, and pedestrian safety along these roadways and at the intersection. An asphalt overlay project is planned for Bunker Hill Road and Taylorcrest, and the City will determine if an overlay is needed on Knipp Road and Strey Lane. A new Public Works and Disaster Operations Facility will be completed in 2023. The City plans to continue the rehabilitation of water and wastewater lines. The City will provide funding for capital projects for the Memorial Village Police Department. The Capital Budget is funded with cash of \$3.05 million. Other funding sources include Metro Funds in the amount of \$450,000 and \$300,000 from the Coronavirus Local Fiscal Recovery Funding.

The budget balances the needs of the community, prepares for the future, and sustains operating costs as low as possible.

In accordance with the Local Government Code, the City is holding a public hearing at the September 20, 2022 Council Meeting to receive input from the public, either oral or written, regarding the 2023 proposed budget.

In accordance with Property Tax Code and Truth-in-Taxation, the City will also hold a public hearing on the proposed tax rate at the September 20, 2022 Council Meeting to receive input from the public on the proposed tax rate.

The notices of the public hearings were in the City's newspaper of record and on the City's website. The City has received no public comments to date.

The City will have the opportunity to take action on the 2023 Budget and 2022 Tax Rate.

Ordinance 22-582 Adopts the 2023 Budget which must be adopted first.

CONSIDERATION AND APPROVAL OF ORDINANCE 22-582 ADOPTING THE CITY OF BUNKER HILL VILLAGE, TEXAS ANNUAL BUDGET FOR THE YEAR 2023, MAKING APPROPRIATIONS FOR THE CITY FOR SUCH YEAR AS REFLECTED IN SAID BUDGET; ESTABLISHING THE PROCEDURE FOR INTRA-BUDGET TRANSFERS; AND CONTAINING OTHER PROVISIONS RELATING TO THE SUBJECT

Specific record votes are required on the tax rate:

BY SEPARATE MOTION – CONSIDERATION AND APPROVAL OF THE 2022 PROPOSED MAINTENANCE AND OPERATING TAX RATE OF \$0.234752/\$100 OF ASSESSED VALUATION ON ALL AUTHORIZED PROPERTY WITHIN THE CITY TO FUND THE 2023 BUDGET.

BY SEPARATE MOTION – CONSIDERATION AND APPROVAL OF THE 2022 PROPOSED DEBT SERVICE TAX RATE OF \$0.040248/\$100 OF ASSESSED VALUATION ON ALL AUTHORIZED PROPERTY WITHIN THE CITY TO FUND THE 2023 DEBT OBLIGATION.

Ordinance No. 22-583 will adopt the full tax rate with the allocation as voted above:

CONSIDERATION AND APPROVAL OF ORDINANCE 22-583 FOR THE ASSESSMENT, LEVY, AND COLLECTION OF AD VALOREM TAXES OF THE CITY OF BUNKER HILL VILLAGE, TEXAS, FOR THE YEAR 2022 AND FOR EACH YEAR THEREAFTER UNTIL OTHERWISE PROVIDED; PROVIDING THE RATE ON WHICH SUCH TAXES SHALL BE DUE AND PAYABLE; PROVIDING FOR PENALTY AND INTEREST ON ALL TAXES NOT TIMELY PAID; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith.

If City Council should propose to adopt a budget and a tax rate other than the proposed \$0.27500/100, then a motion to amend the Ordinance(s) and motions and to direct staff to make such change in the budget would need to be made and passed.

Notice of Public Hearing

The City Council of the City of Bunker Hill Village, Texas will hold a public hearing in the Council Chambers and online via ZOOM, Bunker Hill Village City Hall, 11977 Memorial Drive, Houston, Texas at 5:30 p.m. on Tuesday, September 20, 2022, to consider the following:

2023 ANNUAL BUDGET

THIS BUDGET WILL RAISE MORE TOTAL PROPERTY TAXES THAN LAST YEAR'S BUDGET BY \$356,211 OR 5.35%, AND OF THAT AMOUNT, \$81,684 IS TAX REVENUE TO BE RAISED FROM NEW PROPERTY ADDED TO THE TAX ROLL THIS YEAR.

The proposed budget is available for inspection on the City's website at <http://www.bunkerhilltx.gov> and in the office of the Finance Director, 11977 Memorial Drive, during normal business hours between the hours of 7:00 a.m. and 4:30 p.m. Mondays through Thursdays and 7:00 a.m. to 12:00 p.m. noon on Fridays excluding City Holidays.

At said hearing all interested parties shall have the right and opportunity to appear and be heard on the subject. Instructions to provide public comments via ZOOM are included on the City's website at www.bunkerhilltx.gov.

Karen Glynn

City Administrator/Acting City Secretary

This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting. Please contact the office at 713-467-9762 for further information.

NOTICE OF PUBLIC HEARING ON TAX INCREASE

A tax rate of \$0.275000 per \$100 valuation has been proposed by the governing body of City of Bunker Hill Village.

PROPOSED TAX RATE	\$0.275000 per \$100
NO-NEW-REVENUE TAX RATE	\$0.264113 per \$100
VOTER-APPROVAL TAX RATE	\$0.283036 per \$100

The no-new-revenue tax rate is the tax rate for the 2022 tax year that will raise the same amount of property tax revenue for City of Bunker Hill Village from the same properties in both the 2021 tax year and the 2022 tax year.

The voter-approval rate is the highest tax rate that City of Bunker Hill Village may adopt without holding an election to seek voter approval of the rate.

The proposed tax rate is greater than the no-new-revenue tax rate. This means that City of Bunker Hill Village is proposing to increase property taxes for the 2022 tax year.

A PUBLIC HEARING ON THE PROPOSED TAX RATE WILL BE HELD ON SEPTEMBER 20, 2022 AT 5:30 PM AT CITY HALL, 11977 MEMORIAL DR., HOUSTON, TX 77024.

The proposed tax rate is not greater than the voter-approval tax rate. As a result, City of Bunker Hill Village is not required to hold an election at which voters may accept or reject the proposed tax rate. However, you may express your support for or opposition to the proposed tax rate by contacting the members of the City Council of City of Bunker Hill Village at their offices or by attending the public hearing mentioned above.

YOUR TAXES OWED UNDER ANY OF THE RATES MENTIONED ABOVE CAN BE CALCULATED AS FOLLOWS:

Property tax amount= (tax rate) x (taxable value of your property)/100

FOR the proposal: Susan Schwartz Eric Thode
Keith Brown Laurie Rosenbaum
Carl Moerer

AGAINST the proposal:

PRESENT and not voting: Robert Lord

ABSENT:

Visit [Texas.gov/PropertyTaxes](https://www.texas.gov/PropertyTaxes) to find a link to your local property tax database on which you can easily access information regarding your property taxes, including information about proposed tax rates and scheduled public hearings of each entity that taxes your property.

The 86th Texas Legislature modified the manner in which the voter-approval tax rate is calculated to limit the rate of growth of property taxes in the state.

The following table compares the taxes imposed on the average residence homestead by City of Bunker Hill Village last year to the taxes proposed to be imposed on the average residence homestead by City of Bunker Hill Village this year.

	2021	2022	Change
Total tax rate (per \$100 of value)	\$0.275000	\$0.275000	increase of 0.000000, or 0.00%
Average homestead taxable value	\$1,750,639	\$1,920,448	increase of 169,809, or 9.70%
Tax on average homestead	\$4,814.26	\$5,281.23	increase of 466.97, or 9.70%
Total tax levy on all properties	\$6,663,204	\$7,019,415	increase of 356,211, or 5.35%

For assistance with tax calculations, please contact the tax assessor for City of Bunker Hill Village at Spring Branch ISD Tax Office at 713-251-7960 or taxoffice@springbranchisd.com, or visit www.bunkerhilltx.gov for more information.

ORDINANCE NO. 22-582

AN ORDINANCE APPROVING AND ADOPTING THE CITY OF BUNKER HILL VILLAGE, TEXAS, ANNUAL BUDGET FOR THE YEAR 2023; MAKING APPROPRIATIONS FOR THE CITY FOR SUCH YEAR AS REFLECTED IN SAID BUDGET; ESTABLISHING THE PROCEDURE FOR INTRA-BUDGET TRANSFERS; AND CONTAINING OTHER PROVISIONS RELATING TO THE SUBJECT.

* * * * *

WHEREAS, within the time and in the manner required by law, the Mayor presented to the City Council a proposed annual budget of expenditures of the City of Bunker Hill Village for the calendar year 2023, the same being the fiscal year of the City; and

WHEREAS, pursuant to a motion of the City Council and after notice required by law, a public hearing on such annual budget was held online via Zoom and in the regular meeting place of the City Council at the City Hall of the City of Bunker Hill Village, 11977 Memorial Drive, on the 20th day of September, 2022, at which hearing all citizens and taxpayers of the City had the right to be present and to be heard and those who requested to be heard were heard; and

WHEREAS, the City Council has considered the proposed annual budget and has made such changes therein as in its judgment were warranted by law and were in the best interest of the citizens and taxpayers of the City; and

WHEREAS, a copy of such annual budget has been filed with the City Secretary and the City Council now desires to approve and adopt the same; now, therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BUNKER HILL VILLAGE, TEXAS:

Section 1. The facts and recitations set forth in the preamble of this Ordinance are hereby found to be true and correct.

Section 2. The City Council hereby approves and adopts the annual budget described in the preamble of this Ordinance, a copy of which is attached hereto and made a part of this Ordinance for all purposes and a copy of which is on file with the City Secretary.

Such budget, as thus endorsed, shall be kept on file in the office of the City Secretary as a public record.

Section 3. In support of said budget and by virtue of the adoption thereof, including any and all changes adopted thereto, the several amounts specified for the various purposes named in said budget are hereby appropriated to and for such purposes.

Section 4. The City Council takes cognizance of the fact that in order to facilitate operations of the City and its various departments and activities and to make adjustments occasioned by events transpiring during the year, some transfer may be necessary to and from some accounts contained within the budget as originally adopted. Accordingly, should the Mayor or City Administrator, from time to time, determine that transfers are necessary from unexpended funds in one or more budget accounts to another budget account, and the same may be accomplished without creating a deficit in the requirements of any City Department or activity, he shall recommend such transfers to the City Council. Upon approval thereof by the City Council, an amendment sheet reflecting such transfer or transfers shall be attached to the budget as specifically adopted, whereupon the City Council shall treat such funds as if they had been thus budgeted in the first instance.

PASSED, APPROVED, AND ADOPTED this 20th day of September 2022.

Robert P. Lord, Mayor

ATTEST:

Karen Glynn
Acting City Secretary

Attachment: 2023 Budget

**CITY OF BUNKER HILL VILLAGE
PROPOSED 2023 BUDGET
SUMMARY OF FUND**

	General Fund	Cap Proj GF	Utility Fund	Cap Proj UF	Debt Srv Fund	Solid Waste	Offsite Tree	Court Fund	Metro Fund	TOTAL
Projected Beginning Balances	\$ 3,694,486	\$ 415,253	\$ 830,230	\$ 1,230,133	\$ 163,120	\$ 166,458	\$ 103,171	\$ 30,772	\$ 509,580	\$ 7,143,203
Revenues	\$ 7,458,795	\$ -	\$ 3,458,175	\$ -	\$ 1,032,636	\$ 495,200	\$ 60,000	\$ 14,240	\$ 134,000	\$ 12,653,046
Total revenues	\$ 7,458,795	\$ -	\$ 3,458,175	\$ -	\$ 1,032,636	\$ 495,200	\$ 60,000	\$ 14,240	\$ 134,000	\$ 12,653,046
Public Safety	\$ 3,994,149							\$ 9,950		\$ 4,004,099
Personnel	\$ 543,100		\$ 725,300							\$ 1,268,400
Commodities	\$ 72,100		\$ 54,700						\$ -	\$ 126,800
Maintenance	\$ 15,790		\$ 144,200							\$ 159,990
Contract Services	\$ 395,800		\$ 1,088,000			\$ 501,808	\$ 100,000		\$ 134,000	\$ 2,219,608
Support Services	\$ 366,550		\$ 320,800							\$ 687,350
Debt Service					\$ 1,321,255					\$ 1,321,255
Capital Outlays		\$ 2,642,091		\$ 1,157,500						\$ 3,799,591
Total M&O Expenditures	\$ 5,387,489	\$ 2,642,091	\$ 2,333,000	\$ 1,157,500	\$ 1,321,255	\$ 501,808	\$ 100,000	\$ 9,950	\$ 134,000	\$ 13,587,093
Revenues Over/Under Exp.	\$ 2,071,306	\$ (2,642,091)	\$ 1,125,175	\$ (1,157,500)	\$ (288,619)	\$ (6,608)	\$ (40,000)	\$ 4,290	\$ -	\$ (934,047)
Transfers In/(Out)	\$ (2,119,310)	\$ 2,174,719	\$ (1,072,830)	\$ 1,050,000	\$ 322,830				\$ (450,000)	\$ (94,591)
Net Change In Balances	\$ (48,004)	\$ (467,372)	\$ 52,345	\$ (107,500)	\$ 34,211	\$ (6,608)	\$ (40,000)	\$ 4,290	\$ (450,000)	\$ (1,028,638)
Ending Balance	\$ 3,646,482	\$ (52,119)	\$ 882,575	\$ 1,122,633	\$ 197,331	\$ 159,851	\$ 63,171	\$ 35,062	\$ 59,580	\$ 6,114,565
Reserves:										\$ -
Emergency	\$ 334,034									\$ 334,034
Vehicles & Tech	\$ 34,826		\$ 267,861							\$ 302,687
Facilities	\$ 289,725									\$ 289,725
Police	\$ 229,536									\$ 229,536
American Protection Plan	\$ -									\$ -
Designated Reserves								\$ 26,602		
3 or 6 Mo. Operating	\$ 2,693,745		\$ 583,250			\$ 125,452				\$ 3,402,446
Total Reserves	\$ 3,581,866		\$ 851,111	\$ -	\$ -	\$ 125,452	\$ -	\$ 26,602	\$ -	\$ 4,585,030
Over/Under Reserve Req	\$ 64,616	\$ (52,119)	\$ 31,464	\$ 1,122,633	\$ 197,331	\$ 34,399	\$ 63,171	\$ 8,460	\$ 59,580	\$ 1,529,535

CITY OF BUNKER HILL VILLAGE
GENERAL FUND
PROPOSED 2023 BUDGET

	2021 ACTUAL	2022 ADOPTED BUDGET WITH AMENDMENTS	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
PROPERTY TAX	5,165,343	5,392,871	5,402,000	6,024,079
SALES TAX	222,471	225,000	235,000	235,000
FRANCHISE FEES	267,400	254,212	254,212	254,000
FINES & FOREFEITURES	60,053	110,000	110,723	110,750
LICENSES AND PERMITS	456,664	375,650	506,400	450,550
MISC INCOME	141,639	254,943	258,984	42,416
INTERGOVERNMENTAL	-	487,519		300,000
INTEREST INCOME	61,860	64,048	64,048	42,000
TOTAL REVENUE	6,375,430	7,164,243	6,831,367	7,458,795
EXPENDITURES				
PUBLIC SAFETY	3,433,687	3,540,905	3,661,872	3,994,149
PERSONNEL	439,536	496,784	496,784	543,100
COMMODITIES	55,544	66,600	74,500	72,100
MAINTENANCE	7,027	15,790	13,040	15,790
CONTRACT SERVICES	330,598	289,000	334,000	395,800
SUPPORT SERVICES	265,258	375,550	375,150	366,550
TOTAL OPERATING EXPENDITURES	4,531,649	4,784,629	4,955,346	5,387,489
OPERATING INCOME/(LOSS)				
TRANSFERS (OUT) - CARES			-	300,000
TRANSFERS (OUT) - CIP	1,886,435	1,672,873	1,672,873	1,819,310
TRANSFERS IN	-	-	-	-
CHANGE IN FUND BALANCE	(42,654)	706,741	203,148	(48,004)
BEGINNING FUND BALANCE	3,533,992	3,491,338	3,491,338	3,694,486
ENDING FUND BALANCE	3,491,338	4,198,079	3,694,486	3,646,482
RESERVE FOR:				
VEHICLE REPLACEMENT	27,156	27,441	27,441	34,826
BUILDING RESERVE	195,000	254,725	254,725	289,725
POLICE RESERVE	324,127	324,127	324,127	229,536
EMERGENCY RESERVE	305,887	305,887	334,034	334,034
AMERICAN PROTECTION PLAN ACT		975,038		
6 MONTHS OPERATING RESERVE	2,265,824	2,392,315	2,477,673	2,693,745
TOTAL RESERVES	3,117,994	4,279,533	3,418,000	3,581,866
OVER/(UNDER) POLICY	373,344	(81,453)	276,487	64,616

CITY OF BUNKER HILL VILLAGE
PROPOSED 2023 BUDGET
GENERAL FUND

Account #	Description	2021 Actual	2022 Adopted Budget w/Amenments	2022 Projected Budget.	2023 PROPOSED BUDGET	Increase/ Decrease	% Increase
01 00-00-4010	Taxes - Current Year	5,114,392	5,369,871	5,370,000	5,992,079	622,208	12%
01 00-00-4020	Taxes - Prior Years	25,789	5,000	10,000	10,000	5,000	100%
01 00-00-4030	Taxes - Penalty & Interest	25,161	18,000	22,000	22,000	4,000	22%
01 00-00-4110	Franchise Fees	267,400	254,212	254,212	254,000	(212)	0%
01 00-00-4120	Sales Tax Revenue	222,471	225,000	235,000	235,000	10,000	4%
01 00-00-4210	Court - Fines	57,896	110,000	110,000	110,000	-	0%
01 00-00-4227	Court - Local Truancy Preventi	1,185	-	723	750	750	0%
01 00-00-4245	Court - Judicial Support Fund	-	-	-	-	-	0%
01 00-00-4246	Court - Local Municipal Jury	24	-	-	-	-	0%
01 00-00-4265	Court - Local Building Security Fund	1,162	-	-	-	-	0%
01 00-00-4275	Court - Local Court Tech Fund	948	-	-	-	-	0%
01 00-00-4310	Permits - Animal Licenses	275	500	400	400	(100)	-20%
01 00-00-4315	Permits - Building	454,302	375,000	505,000	450,000	75,000	20%
01 00-00-4325	Permits - Miscellaneous	925	150	1,000	150	-	0%
01 00-00-4350	Dedication Program	6,500	4,000	8,000	4,000	-	0%
01 00-00-4351	Offsite Tree Program	-	-	-	-	-	-
01 00-00-4910	Interest Income	61,860	64,048	64,048	42,000	(22,048)	-34%
01 00-00-4920	Miscellaneous Income	119,155	234,959	235,000	17,632	(217,327)	-92%
01 00-00-4940	Rent Income	15,984	15,984	15,984	20,784	4,800	30%
01 00-00-4980	Intergovernmental Revenue	-	487,519	-	300,000	(187,519)	-38%
TOTAL GF REVENUES		6,375,430	7,164,243	6,831,367	7,458,795	294,552	4%
General Fund Expenditures							
Personnel							
01 00-00-5010	Wages	348,174	390,194	390,194	425,200	35,006	9%
01 00-00-5020	Wages - Overtime	3184	1,000	1,000	2,000	1,000	100%
01 00-00-5110	Payroll Taxes - FICA Employer	24,515	30,000	30,000	33,000	3,000	10%
01 00-00-5120	Payroll Taxes - TWC	1,496	1,000	1,000	1,000	-	0%
01 00-00-5210	Retirement - TMRS Employer	32,899	34,500	34,500	37,500	3,000	9%
01 00-00-5211	RETIREMENT 457 PLAN	-	6,300	6,300	6,300	-	0%
01 00-00-5310	Insurance - Workers Comp	1,208	1,000	1,000	1,200	200	20%
01 00-00-5325	Insurance - Dental	385.47	440	440	550	110	25%
01 00-00-5330	Insurance - Disability	957.34	1,100	1,100	1,100	-	0%
01 00-00-5340	Insurance - Medical	25,279	30,000	30,000	34,000	4,000	13%
01 00-00-5350	Insurance - Life	219.8	250	250	250	-	0%
01 00-00-5510	Employee Relations	1,218	1,000	1,000	1,000	-	0%
TOTAL Personnel		439,536	496,784	496,784	543,100	46,316	9%
Public Safety							
01 00-00-5600	Fire Department	1,397,206	1,416,155	1,537,122	1,651,071	234,916	17%
01 00-00-5602	Police Department	2,036,481	2,119,750	2,119,750	2,318,078	198,328	9%
01 00-00-5604	Public Safety Other	0	5,000	5,000	25,000	20,000	400%
TOTAL Public Safety		3,433,687	3,540,905	3,661,872	3,994,149	453,244	13%
Commodities							
01 00-00-6250	Fuel	450	500	500	600	100	20%
01 00-00-6410	Landscaping	34,228	41,000	47,500	45,000	4,000	10%
01 00-00-6490	Janitorial	6,180	6,300	7,000	7,000	700	11%
01 00-00-6650	Postage	814	2,000	2,000	2,000	-	0%
01 00-00-6660	Printing & Stationary	6,032	3,300	4,000	4,000	700	21%
01 00-00-6730	Supplies - General	4,407	4,000	4,000	4,000	-	0%
01 00-00-6740	Supplies - Office	2,985	4,000	4,000	4,000	-	0%
01 00-00-6810	Tools & Equipment	0	500	500	500	-	0%
01 00-00-6890	Traffic Signs & Signals	448	5,000	5,000	5,000	-	0%
TOTAL Commodities		55,544	66,600	74,500	72,100	5,500	8%

Account #		Description	2021 Actual	2022 Adopted Budget	2022 Projected Budget	2023 Proposed Budget	Increase/Decrease	% Increase
01	00-00-7110	Building Maintenance	5,296	12,250	10,000	12,250	-	0%
01	00-00-7220	Equipment - General	-	790	790	790	-	0%
01	00-00-7230	Equipment - Office Equip	589	1,250	1,250	1,250	-	0%
01	00-00-7410	Vehicles	1,142	1,500	1,000	1,500	-	0%
		TOTAL Maintenance	7,027	15,790	13,040	15,790	-	0%
		Contract Services						
01	00-00-7500	HC Appraisal District	45,009	50,000	50,000	55,000	5,000	10%
01	00-00-7501	Tax Assessor - SBISD	8,000	8,000	8,000	8,000	-	0%
01	00-00-7502	Prof Fees - Accounting	19,113	16,000	16,000	22,800	6,800	43%
01	00-00-7503	Prof Fees - Eng. & Other	85,381	50,000	55,000	55,000	5,000	10%
01	00-00-7504	Prof Fees - LEGAL	60,475	50,000	55,000	55,000	5,000	10%
01	00-00-7505	Prof Fees - INSPECTIONS/PLAN REVIEW	112,545	115,000	150,000	200,000	85,000	74%
01	00-00-7506	Prof Services - Code Enforc.	75	-	-	-	-	0%
01	00-00-7507	Legislative Consulting & PS	-	-	-	-	-	0%
		TOTAL Contract Services	330,598	289,000	334,000	395,800	106,800	37%
		Support Services						
01	00-00-8010	Advertising	4,852	5,000	5,000	5,000	-	0%
01	00-00-8130	Bank & Credit Card Charges	24,774	16,000	25,000	25,000	9,000	56%
01	00-00-8150	Community Relations	15,903	30,000	30,000	30,000	-	0%
01	00-00-8170	Data Processing	35,309	45,000	40,000	45,000	-	0%
01	00-00-8210	Delivery Service	86	150	150	150	-	0%
01	00-00-8250	Dues/Tuition & Subscriptions	4,819	9,000	6,000	9,000	-	0%
01	00-00-8260	Elections	0	12,500	-	12,500	-	0%
01	00-00-8270	Electricity	5,362	5,000	6,000	8,000	3,000	60%
01	00-00-8290	Emergency Management	341	650	650	650	-	0%
01	00-00-8410	Animal Control	5,315	4,500	5,000	5,500	1,000	22%
01	00-00-8450	Insurance - General	13,916	17,350	17,350	17,350	-	0%
01	00-00-8530	Meetings & Seminars	7,277	4,000	4,000	6,000	2,000	50%
01	00-00-8610	Court - General	7,088	6,500	6,500	6,500	-	0%
01	00-00-8750	Special Fees/Codification	2,366	4,000	4,000	4,000	-	0%
01	00-00-8751	Dedication Program	10,684	4,000	8,000	4,000	-	0%
01	00-00-8805	Streets - Mosquito Spraying	24,750	25,000	26,000	26,000	1,000	4%
01	00-00-8810	Streets - Drainage	2,485	40,000	50,000	40,000	-	0%
01	00-00-8830	Streets - Repairs	75,418	132,000	122,000	100,000	(32,000)	-24%
01	00-00-8835	Streets - TPDES	1,984	2,500	2,500	2,500	-	0%
01	00-00-8890	Telephone	13,626	8,400	13,000	13,400	5,000	60%
01	00-00-8930	Travel & Subsistence	654	4,000	4,000	4,000	-	0%
01	00-00-9140	Capital Outlay-New Telephone System	8,249	-	-	2,000	2,000	0%
		TOTAL Support Services	265,258	375,550	375,150	366,550	(9,000)	-2%
		TOTAL 6 & A Operating Expenses	4,531,649	4,784,629	4,955,346	5,387,489	602,880	12.60%
		Capital Outlay						
01	00-00-9250	Police Reserves	-	-	-	94,591	94,591	0%
01	00-00-9251	RESERVE FACILITIES	65,000	-	-	-	-	-
01	00-00-9252	TRANSFER TO CAPITL PROJECTS	1,743,000	1,595,000	1,595,000	1,684,719	89,719	6%
01	00-00-9253	TRANSFER FOR BEAUTIFICATION	35,000	40,000	40,000	40,000	-	0%
01	00-00-9254	Transfer to Debt Service	43,435	37,873	37,873	-	(37,873)	-100%
01		Transfer to UF Const Cares Funds	-	-	-	300,000	-	-
01	00-00-4990	Transfer from UF	0	-	-	-	-	-
01	00-00-9250	Transfer to Fuel Fund	0	-	-	-	-	-
		TOTAL Transfers	1,886,435	1,672,873	1,672,873	2,119,310	146,437	9%
		TOTAL General Fund EXPENDITURES	6,418,083	6,457,502	6,628,219	7,506,799	749,297	12%
		REVENUE OVER/(UNDER) EXPENDITURE	-42,654	706,741	203,148	(48,004)	(454,745)	-64%

**CITY OF BUNKER HILL VILLAGE
DEBT SERVICE FUND
PROPOSED 2023 BUDGET**

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
PROPERTY TAX	1,039,163	1,130,679	1,130,679	1,032,336
TRANSFER FROM UTILITY FUND	49,527	106,130	106,130	322,830
TRANSFER FROM GENERAL FUND	-	37,873	37,873	-
INTEREST INCOME	300	-	300	300
TOTAL REVENUE	1,088,990	1,274,682	1,274,982	1,355,466
EXPENDITURES				
INTEREST & FEES	290,960	338,493	344,493	311,255
PRINCIPAL	910,000	945,000	945,000	1,010,000
TOTAL OPERATING EXPENDITURES	1,200,960	1,283,493	1,289,493	1,321,255
REVENUES OVER/(UNDER) EXPENDITURES	(111,970.0)	(8,811)	(14,511)	34,211
BEGINNING FUND BALANCE	289,601	177,631	177,631	163,120
ENDING FUND BALANCE	177,631	168,820	163,120	197,331
DS TAX RATE	0.045747	0.047662	0.047662	0.043840
10% POLICY (EXCLUDING W/S CO'S)				99,843
OVER / (UNDER) POLICY				97,488

DEBT SERVICE

6

**CITY OF BUNKER HILL VILLAGE
UTILITY FUND SUMMARY
PROPOSED 2023 BUDGET**

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
WATER CHARGES	2,045,298	2,352,882	2,502,882	2,642,385
WASTEWATER CHARGES	720,105	756,200	777,000	794,790
MISC INCOME	72,094	21,000	28,000	21,000
TOTAL REVENUE	2,837,498	3,130,082	3,307,882	3,458,175
EXPENDITURES				
PERSONNEL	625,114	667,522	667,522	725,300
COMMODITIES	33,172	49,800	54,000	54,700
MAINTENANCE	142,831	157,700	159,700	144,200
CONTRACT SERVICES	1,022,411	1,088,000	1,088,000	1,088,000
SUPPORT SERVICES	266,233	303,600	311,300	320,800
TOTAL OPERATING EXP	2,089,761	2,266,622	2,280,522	2,333,000
OPERATING INCOME/(LOSS)	747,737	863,460	1,027,360	1,125,175
TRANSFERS IN / (OUT)	(2,895,699)	(846,130)	(828,669)	(1,072,830)
NET CHANGE IN POSITION	(2,147,962)	17,330	198,691	52,345
BEGINNING BALANCE	2,779,501	631,539	631,539	830,230
ENDING BALANCE	631,539	648,869	830,230	882,575
RESERVE FOR:				
VEHICLE REPLACEMENT	190,400	215,400	232,861	267,861
3 MONTHS OPERATING RESERVE	522,440	566,656	570,131	583,250
TOTAL RESERVES	712,840	782,056	802,991	851,111
OVER/(UNDER) POLICY	(81,301)	(133,187)	27,238	31,464

CITY OF BUNKER HILL VILLAGE

PROPOSED 2023 BUDGET

UTILITY FUND

Account #		Description	2021 ACTUAL	2022 ADOPTED BUDGET WITH AMENDMENTS	2022 PROJECTIONS	2023 PROPOSED BUDGET	Increase/ Decrease	% Increase
04	00-00-4410	Water Sales	1,967,443	2,292,882	2,442,882	2,582,385	289,503	13%
04	00-00-4420	Water Taps	37,710	60,000	60,000	60,000	-	0%
04	00-00-4510	Wastewater Sales	712,905	749,000	769,000	786,790	37,790	5%
04	00-00-4520	Wastewater Taps	7,200	7,200	8,000	8,000	800	11%
04	00-00-4750	Late Payment Fees	8,945	16,000	16,000	16,000	-	0%
04	00-00-4920	Miscellaneous Income	72,094	5,000	12,000	5,000	-	0%
TOTAL UTILITY REVENUES			2,806,298	3,130,082	3,307,882	3,458,175	328,093	10%
Utility Fund Expenses								
Personnel								
04	00-00-5010	Wages	446,487	482,612	482,612	531,000	48,388	10%
04	00-00-5020	Wages - Overtime	49,560	27,000	27,000	27,200	200	1%
04	00-00-5110	Payroll Taxes - FICA Employer	36,734	39,300	39,300	43,000	3,700	9%
04	00-00-5120	Payroll Taxes - TWC	2,298	1,620	1,620	1,620	-	0%
04	00-00-5210	Retirement - TMRS Employer	17,992	53,500	54,500	60,000	6,500	12%
04	00-00-5211	Retirement 457 Plan	-	9,825	9,825	9,825	-	0%
04	00-00-5310	Insurance-Workers Compensation	7,516	7,800	7,800	8,400	600	8%
04	00-00-5325	Insurance - Dental	1,070	1,260	1,260	1,260	-	0%
04	00-00-5330	Insurance - Disability	1,705	1,875	1,875	1,875	-	0%
04	00-00-5340	Insurance - Medical	45,068	50,000	52,000	54,700	4,700	9%
04	00-00-5350	Insurance - Life	431	490	490	490	-	0%
04	00-00-5410	Contract Labor	16,253	25,000	22,000	20,000	(5,000)	-20%
04	00-00-8990	Solid Waste Collection	(31,200)	(32,760)	(32,760)	(34,070)	(1,310)	4%
TOTAL Personnel			593,914	667,522	667,522	725,300	57,778	9%
Commodities								
04	00-00-6090	Chemicals	7,061	20,000	18,000	18,000	(2,000)	-10%
04	00-00-6250	Fuel	5,805	7,000	9,000	10,000	3,000	43%
04	00-00-6340	Garbage - Dumping Fees	2,768	1,500	1,500	1,500	-	0%
04	00-00-6410	Landscaping	1,890	8,250	8,250	8,250	-	0%
04	00-00-6490	Janitorial	1,238	1,200	4,400	4,600	3,400	283%
04	00-00-6650	Postage	2,976	3,000	3,000	3,000	-	0%
04	00-00-6660	Printing & Stationary	4,021	2,500	3,000	2,500	-	0%
04	00-00-6730	Supplies - General	1,850	1,500	2,000	2,000	500	33%
04	00-00-6740	Supplies - Office	163	350	350	350	-	0%
04	00-00-6810	Tools & Equipment	2,252	1,500	1,500	1,500	-	0%
04	00-00-6970	Uniforms	3,146	3,000	3,000	3,000	-	0%
TOTAL Commodities			33,172	49,800	54,000	54,700	4,900	10%
Maintenance								
04	00-00-7110	Building Maintenance	4,859	6,700	6,700	6,700	-	0%
04	00-00-7220	Equipment - General	2,284	-	-	-	-	0%
04	00-00-7230	Equipment - Office Equip	502	2,000	2,000	2,000	-	0%
04	00-00-7410	Vehicles	16,846	6,500	8,500	6,500	-	0%
04	00-00-7510	Water - Fire Hydrants	8,837	13,500	13,500	13,500	-	0%
04	00-00-7520	Water Well/Pumps	63,864	45,000	45,000	49,500	4,500	10%
04	00-00-7530	Water - Tanks	11,758	-	-	-	-	-
04	00-00-7535	Water Lines	7,104	10,000	10,000	11,000	1,000	10%
04	00-00-7540	Water - Water Meters	23,861	64,000	64,000	44,000	(20,000)	-31%
04	00-00-7610	Wastewater - Lines	2,914	10,000	10,000	11,000	1,000	10%
TOTAL Maintenance			142,831	157,700	159,700	144,200	(13,500)	-9%

Account #		Description	2021 ACTUAL	2022 ADOPTED BUDGET WITH AMENDMENTS	2022 PROJECTIONS	2023 PROPOSED BUDGET	Increase/ Decrease	% Increase
		Contract Services						
04	00-00-7502	Prof Serv - Accounting	8,052	13,000	13,000	13,000	-	0%
04	00-00-8001	Prof Fees - Engineering	32,638	30,000	30,000	30,000	-	0%
04	00-00-8002	Water Purchase/COH	595,585	740,000	620,000	620,000	(120,000)	-16%
04	00-00-8003	WW Treatment Fee	386,136	280,000	400,000	400,000	120,000	43%
04	00-00-8004	WW Treatment/COH	-	25,000	25,000	25,000	-	0%
		TOTAL Contract Services	1,022,411	1,088,000	1,088,000	1,088,000	0	0%
		Support Services						
04	00-00-8010	Advertising	(266)	-	-	-	-	0%
04	00-00-8130	Bank & Credit Card Charges	10,279	19,500	25,000	30,000	10,500	54%
04	00-00-8170	Data Processing	28,617	30,000	30,000	30,000	-	0%
04	00-00-8210	Delivery Service	12	-	-	-	-	0%
04	00-00-8250	Dues/Tuition & Subscriptions	4,197	5,000	5,000	5,000	-	0%
04	00-00-8270	Electricity	86,940	95,000	95,000	95,000	-	0%
04	00-00-8450	Insurance - General	18,724	17,800	20,000	22,000	4,200	24%
04	00-00-8630	Natural Gas	1,185	1,800	1,800	1,800	-	0%
04	00-00-8722	Gain Loss on Sale of Cap Asset	(4,770)	-	-	-	-	0%
04	00-00-8750	Special Fees	107,376	120,000	120,000	120,000	-	0%
04	00-00-8890	Telephone	13,939	13,000	13,000	15,500	2,500	19%
04	00-00-8930	Travel & Subsistence	-	1,500	1,500	1,500	-	0%
		TOTAL Support Services	266,233	303,600	311,300	320,800	17,200	6%
		TOTAL M&O UTILITY	2,058,561	2,266,622	2,280,522	2,333,000	66,378	3%
		Capital Outlay						
04	00-00-9250	TRANSFER TO UT CIP	2,846,172	740,000	740,000	750,000	10,000	1%
04	00-00-9252	TRANSFER TO DEBT SERVICE FUN	49,527	106,130	106,130	322,830	216,700	204%
New Account		TRANSFER FROM FUEL			(17,461)			
		TOTAL Capital Outlay	2,895,699	846,130	828,669	1,072,830	226,700	27%
		TOTAL UTILITIES EXPENSES	4,954,260	3,112,752	3,109,191	3,405,830	293,078	9%
		REVENUE OVER/(UNDER) EXP	(2,147,962)	17,330	198,691	52,345	35,015	

**CITY OF BUNKER HILL VILLAGE
GENERAL FUND-CAPITAL PROJECTS FUND
PROPOSED 2023 BUDGET**

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
BOND PROCEEDS	-	-	-	-
INTEREST INCOME	-	-	-	-
TOTAL REVENUE	-	-	-	-
EXPENDITURES				
STREETS	195,619	1,340,000	1,295,000	2,320,000
DRAINAGE	64,505	3,235,000	3,402,190	50,000
FACILITIES	15,060	595,000	595,000	137,500
PUBLIC SAFETY	-	-	-	94,591
BEAUTIFICATION	33,836	40,000	40,000	40,000
VEHICLE/FACILITIES	-	-	-	-
CLOSING COST	29,834	-	-	-
TOTAL OPERATING EXPENDITURES	338,853	5,210,000	5,332,190	2,642,091
OPERATING INCOME/(LOSS)				
TRANSFERS IN	3,883,725	1,635,000	1,635,000	2,269,310
TRANSFERS (OUT)	-	-	-	-
CHANGE IN FUND BALANCE	3,544,871	(3,575,000)	(3,697,190)	(372,781)
BEGINNING FUND BALANCE	567,572	4,112,443	4,112,443	415,253
ENDING FUND BALANCE	4,112,443	537,443	415,253	42,472

CITY OF BUNKER HILL VILLAGE						
PROPOSED 2023 BUDGET						
GENERAL FUND CONTRUCTION FUND						
Account #		Description	2021 ACTUAL	2022 ADOPTED BUDGET WITH AMENDMENTS	2022 PROJECTIONS	2023 PROPOSED BUDGET
06	00-00-4500	Annual Contribution	1,743,000	1,595,000	1,595,000	1,684,719
06	00-00-4600	Contributions from Reserves	74,897	-	-	94,591
		Transfer from Metro				450,000
06	00-00-4700	BEAUTIFICATION	35,000	40,000	40,000	40,000
15	00-00-4960	Bond Proceeds	2,030,828	-	-	-
		TOTAL GF CONTRUCTION FUND REVENUE	3,883,725	1,635,000	1,635,000	2,269,310
		Contract Services				
15	00-00-7503	PS Engineering & Other	51,204	-	-	-
15	00-00-7504	PS - LEGAL	1,870	-	-	-
		TOTAL Contract Services	53,074	-	-	-
		Support Services				
15	00-00-8751	Underwriter Discount	11,225	-	-	-
15	00-00-8752	Closing Cost	18,406	-	-	-
		TOTAL Support Services	29,631	-	-	-
		Capital Outlay				
06	00-00-8832	BEAUTIFICATION	33,836	40,000	40,000	40,000
06	00-00-9183	Drainage	614	1,399,636	1,464,636	
06	00-00-9183.01	Localized Drainage	921	-	-	50,000
06	00-00-9183.01	Drainage Eaton Court		35,000	35,000	
06	00-00-9184	Streets	-	-	-	
06	00-00-9184	Strey Taylor Crest Knipp				960,000
06	00-00-9184	Bunker Hill Road Overlay				380,000
06	00-00-9184.01	Asphalt Rehabilitation	16,126	45,000	-	50,000
06	00-00-9184.02	Chapel Bell/Other Rates as 6	165,278	1,200,000	1,200,000	
06	00-00-9184.03	Gessner Northbound & Memorial	14,215	75,000	75,000	850,000
06	00-00-9184.04	Sidewalks		20,000	20,000	80,000
06	00-00-9190	Public Safety	-	-	-	94,591
06	00-00-9191	Facilities	15,060	595,000	595,000	137,500
15	00-00-9183	Drainage at BHE	-	1,800,364	1,902,554	
15	00-00-9250	Transfer to General Const.	9,897	-	-	-
15	00-00-9800	Payment to Escrow Agent	203	-	-	-
		TOTAL Capital Outlay	256,148	5,210,000	5,332,190	2,642,091
		TOTAL EXPENDITURES	338,852	5,210,000	5,332,190	2,642,091
		REVENUE OVER/(UNDER) EXPENDITURES	3,544,872	(3,575,000)	(3,697,190)	(372,781)

General Fund CIP

Description	ACTUAL 2021	ADOPTED BUDGET 2022 with AMENDMENTS	2022 PROJECTIONS	PROJECTED BUDGET 2023
Streets				
Asphalt Rehab -- Point Repairs and minor streets	\$16,126	\$45,000		\$50,000
Streets General - Sidewalks		\$20,000	\$20,000	
Strey, Taylor Crest, Knipp (every 7 years)				\$960,000
Bunker Hill Road Overlay (every 5 years)				\$380,000
Gessner Northbound & Memorial - AFA, Design & Construction *Additional Funds in Metro - Design Costs in 2023; 20% match in 2024	\$14,215	\$75,000	\$75,000	\$850,000
Sidewalks in the City				\$80,000
Chapel Belle -- Include section of Tamerlaine Drive Design 2021; Construction 2022	\$165,278	\$1,200,000	\$1,200,000	
Total Streets:	\$195,619	\$1,340,000	\$1,295,000	\$2,320,000
Special Projects - Drainage				
Localized Drainage Projects		\$35,000	\$35,000	\$50,000
Regional Drainage Projects / Policy Projects - Bunker Hill Elem and closing costs	\$94,340	\$3,200,000	\$3,367,190	
Total Drainage:	\$94,340	\$3,235,000	\$3,402,190	\$50,000
Facilities & Public Safety				
Public Works Facility	\$15,060	\$595,000	\$595,000	\$137,500
Public Safety - MVPD				\$94,591
Total Facilities/Public Safety Projects	\$15,060	\$595,000	\$595,000	\$232,091
Beautification				
Beautification	\$33,836	\$40,000	\$40,000	\$40,000
Total Beautification:	\$33,836	\$40,000	\$40,000	\$40,000
TOTAL GENERAL FUND PROJECTS	\$338,855	\$5,210,000	\$5,332,190	\$2,642,091

CITY OF BUNKER HILL VILLAGE
UTILITY FUND-CAPITAL PROJECTS FUND
PROPOSED 2023 BUDGET

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
BOND PROCEEDS	5,300,000	-	-	-
TOTAL REVENUE	5,300,000	-	-	-
EXPENDITURES				
WATER & WW LINES	88,145	240,000	40,000	925,000
WATER PRODUCTION	2,645,621	3,895,000	3,875,000	20,000
FACILITIES	16,500	1,105,000	1,105,000	212,500
BOND ISSUANCE / CONTINGENCY	98,224	-	150,000	-
VEHICLES & EQUIPMENT		64,730	67,120	-
TOTAL OPERATING EXPENDITURES	2,848,490	5,304,730	5,237,120	1,157,500
OPERATING INCOME/(LOSS)				
TRANSFERS (OUT)	-	-	-	-
TRANSFER IN LOCAL COVID RELIEF				300,000
TRANSFERS IN UTILITY FUND	2,846,172	740,000	740,000	750,000
NET CHANGE IN POSITION	5,297,683	(4,564,730)	(4,497,120)	(107,500)
BEGINNING FUND BALANCE	429,570	5,727,253	5,727,253	1,230,133
ENDING FUND BALANCE	5,727,253	1,162,523	1,230,133	1,122,633

CITY OF BUNKER HILL VILLAGE
PROPOSED 2023 BUDGET
UTILITY FUND CONSTRUCTION FUND

			2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
Account #	Description					
07 00-00-4501	ANNUAL CONTRIB - UTILITY		846,172	740,000	740,000	750,000
07 00-00-4600	Contributions from Reserves		2,000,000	-		-
New account	Contribution from CARES Funds					300,000
16 00-00-4960	Bond Proceeds		5,300,000	-		-
	TOTAL UTILITY FUND CAPITAL PROJECTS REVE		8,146,172	740,000	740,000	1,050,000
	Contract Services					
16 00-00-7503	PS -Engineering Well		92,808	265,000	265,000	
16 00-00-7504	PS- Engineering Trans Line		52,197	-	-	-
16 00-00-7505	PS-Legal Fees Well		888	-		-
	TOTAL Contract Services		145,893	265,000	265,000	-
	Support Services					
16 00-00-8010	Advertisement Well		973	-		-
16 00-00-8011	Advertisement Trans Line		3,100	-		-
16 00-00-8750	WW#5 Contengency & Debt Issuance Cost		49,764	150,000	150,000	
16 00-00-8751	Underwriter Discount		30,348	-		-
	TOTAL Support Services		84,186	150,000	150,000	-
	Capital Outlay					
07 00-00-9180.01	Trans Line to Taylor Crest		-	1,900,000	1,900,000	
07 00-00-9180.02	Tele of Concrete Lines WW		10,413		-	90,000
07 00-00-9180.03	Tele SCADA			150,000	150,000	
07 00-00-9180.05	Generator at TC			400,000	400,000	
07 00-00-9180.04	Replace of Concrete Lines WW		22,435	-	-	-
07 00-00-9181	TRANS LINE TO TAYLOR CREST		-	-	-	-
07 00-00-9182	REPLACE WATER LINES		-	100,000	20,000	400,000
	Gessner Water Lines with Roadway Design					125,000
07 00-00-9182.02	WP#2 Recoat Storage Tank		329,823	-		-
07 00-00-9182.03	WP #2 VFD Booster Pumps		-	40,000	-	40,000
07 00-00-9184	REPLACE OF WASTEWATER LINES		-	100,000	20,000	
07 00-00-9187	WP #2 VFD BOOSTER PUMPS		95,942	-	-	
07 00-00-9188	Irrigation Systems		-	30,000	10,000	20,000
07 00-00-9191	Facilities		16,500	1,105,000	1,105,000	212,500
16 00-00-6410	WW#5 Landscaping			100,000	100,000	
16 00-00-8490	Interest Expense		17,564	-		
16 00-00-9053	Drilling Design and Cont Well		1,882,886	-		
16 00-00-9054	Well Site Work		60,300	1,050,000	1,050,000	
16 00-00-9100	Contingency Well		11,119	-		-
New account	Meter Replacement					250,000
New account	Paint Fire Hydrant					20,000
16 00-00-9250	Transfer to Utility Const		170,882	-		-
16 00-00-9800	Payment to Escrow Agent		548	-		-
16 00-00-9700	All-Terraine Vehicle		-	17,610	20,000	
16 00-00-9701	Mini Excavator		-	47,120	47,120	
	TOTAL Capital Outlay		2,618,410	5,039,730	4,822,120	1,157,500
	TOTAL EXPENDITURES		2,848,490	5,454,730	5,237,120	1,157,500
	REVENUE OVER/(UNDER) EXPENDITURES		5,297,683	(4,714,730)	(4,497,120)	(107,500)

UTILITY FUND CIP

Description	ACTUAL 2021	2022 ADOPTED BUDGET	2022 PROJECTIONS	PROJECTED BUDGET 2023
Utility Water Lines				
Construction of Transmission Main for new Water Well		\$1,900,000	\$1,900,000	
Replacement of Water Lines		\$100,000	\$20,000	\$400,000
Gessner Water Line with Roadway Reconstruction				\$125,000
Utility Wastewater Lines				
Replacement of Waste Water Lines	\$22,435	\$100,000	\$20,000	
Televising Concrete Lines	\$10,413			\$90,000
Total Water & WW Lines:	\$32,848	\$2,100,000	\$1,940,000	\$615,000
Utility Water Production				
Booster Pumps	\$95,942	\$40,000		\$40,000
Recoat Storage Tanks WP #2	\$329,823			
Engineering & Other for Water Well #5 and	\$230,079	\$265,000	\$265,000	
Construction of Water Well # 5	\$2,082,999			
Construction of Water Well # 5 Site Work (includes	\$60,300	\$1,050,000	\$1,050,000	
Telecommunications for SCADA		\$150,000	\$150,000	
WW #5 and Transmission Main Contingency 5% on		\$150,000	\$150,000	
Construction and Issuance Costs				
Water Well #5 Landscaping		\$100,000	\$100,000	
Meter Replacement				\$250,000
Fire Hydrants				\$20,000
Replacement Generator at Taylorcrest Water Plant		\$400,000	\$400,000	
Irrigation Systems at Water Wells		\$30,000	\$10,000	\$20,000
Total Water Production:	\$2,799,143	\$2,185,000	\$2,125,000	\$330,000
Public Works Facility				
Public Works Facility	\$16,500	\$1,105,000	\$1,105,000	\$212,500
Total Facility:	\$16,500	\$1,105,000	\$1,105,000	\$212,500
Vehicle and Equipment				
All Terrain Vehicle (ATV)		\$17,610	\$20,000	
Mini Excavator- Capital Lease		\$47,120	\$47,120	
Total Vehicle and Equipment:		\$64,730	\$67,120	
TOTAL UTILITY FUND	\$2,848,491	\$5,454,730	\$5,237,120	\$1,157,500

**CITY OF BUNKER HILL VILLAGE
SOLID WASTE FUND SUMMARY
PROPOSED 2023 BUDGET**

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
SOLID WASTE SALES	482,292	495,200	495,200	495,200
TOTAL REVENUE	482,292	495,200	495,200	495,200
EXPENDITURES				
CONTRACTUAL SERVICES	496,646	482,065	482,065	501,808
TOTAL OPERATING EXPENDITURE	496,646	482,065	482,065	501,808
REVENUES OVER/(UNDER) EXPENI	(14,354)	13,135	13,135	(6,608)
BEGINNING BALANCE	167,677	153,323	153,323	166,458
ENDING BALANCE	153,323	166,458	166,458	159,851
3 MONTHS RESERVE	124,161	120,516	120,516	125,452
OVER (UNDER) POLICY		45,942	45,942	34,399

CITY OF BUNKER HILL VILLAGE								
PROPOSED 2023 BUDGET								
SOLID WASTE FUND								
			2022		2023			
			ADOPTED	2022	PROPOSED	Increase/	%	
Account #	Description	2021 ACTUAL	BUDGET	PROJECTIONS	BUDGET	Decrease	Increase	
	Solid Waste							
09	00-00-4610	Solid Waste Sales	480,646	495,200	495,200	495,200	-	0.00%
09	00-00-4750	Late Fee - Penalty	1,646				-	0.00%
09	00-00-4920	Misc. Income	-	-	-	-	-	0.00%
	TOTAL REVENUES	482,292	495,200	495,200	495,200	-	0.00%	
	Support Services							
09	00-00-8130	Banking/CC Fees	-	1,000	1,000	1,500	500	50.00%
09	00-00-8990	Solid Waste Collection	465,446	448,305	448,305	466,237	17,932	4.00%
09	00-00-8991	Administration Fee	31,200	32,760	32,760	34,070	1,310	4.00%
	TOTAL Support Services	496,646	482,065	482,065	501,808	19,743	4.10%	
	TOTAL SOLID WATER EXP	496,646	482,065	482,065	501,808	19,743	4.10%	
	REVENUE OVER/(UNDER)							
	EXPENDITURES	(14,354)	13,135	13,135	(6,608)	(19,743)	-150.31%	

**CITY OF BUNKER HILL VILLAGE
OFFSITE TREE PROGRAM SUMMARY
PROPOSED 2023 BUDGET**

	2021 ACTUAL	2022 ADOPTED BUDGET	2022 PROJECTIONS	2023 PROPOSED BUDGET
REVENUES				
OFFSITE TREE SALES	168,436	60,000	60,000	60,000
TOTAL REVENUE	168,436	60,000	60,000	60,000
EXPENDITURES				
OFFSITE TREE EXPENSES	25,265	100,000	100,000	100,000
TOTAL OPERATING EXPENDITURE	25,265	100,000	100,000	100,000
REVENUES OVER/(UNDER) EXPENI	143,171	(40,000)	(40,000)	(40,000)
BEGINNING BALANCE		143,171	143,171	103,171
ENDING BALANCE	143,171	103,171	103,171	63,171

** Planting is limited to certain times of the year when planting trees is optimal.*

CITY OF BUNKER HILL VILLAGE
PROPOSED 2023 BUDGET
OFFSITE TREE PROGRAM

			2022		2023		
			ADOPTED	2022	PROPOSED	Increase/	%
Account #	Description	2021 ACTUAL	BUDGET	PROJECTIONS	BUDGET	Decrease	Increase
	Offsite Tree Program						
17 00-00-4351	Offsite Tree Program	125,000	60,000	60,000	60,000	-	0%
17 00-00-4990	Transfer In	43,436					
	TOTAL REVENUES	168,436	60,000	60,000	60,000	-	0%
	Support Services						
17 00-00-8752	Offsite Tree Program	25,265	100,000	100,000	100,000	-	0%
	TOTAL Support Services	25,265	100,000	100,000	100,000	-	0%
	TOTAL SOLID WATER EXP	25,265	100,000	100,000	100,000	-	0%
	REVENUE OVER/(UNDER)						
	EXPENDITURES	143,171	(40,000)	(40,000)	(40,000)	-	.

**CITY OF BUNKER HILL VILLAGE
COURT FUND SUMMARY
PROPOSED 2023 BUDGET**

		2022		2023
	2021 ACTUAL	ADOPTED BUDGET	2022 PROJECTIONS	PROPOSED BUDGET
REVENUES				
COURT FINES	6,455	14,240	14,240	14,240
TOTAL REVENUE	6,455	14,240	14,240	14,240
EXPENDITURES				
PUBLIC SAFETY	7,754	7,950	7,950	9,950
TOTAL OPERATING EXPENDITURES	7,754	7,950	7,950	9,950
REVENUES OVER/(UNDER) EXPENDI	(1,299)	6,290	6,290	4,290
BEGINNING BALANCE	25,781	24,482	24,482	30,772
ENDING BALANCE	24,482	30,772	30,772	35,062
RESERVE FOR:				
CHILD SAFETY	-	5,500	5,500	5,500
SECURITY FUND	14,862	14,362	14,362	12,482
TECHNOLOGY FUND	9,620	10,120	10,120	8,620
TOTAL RESERVES	24,482	29,982	29,982	26,602

CITY OF BUNKER HILL VILLAGE							
PROPOSED 2023 BUDGET							
COURT FUND							
		2022		2023			
Account #	Description	2021 ACTUAL	ADOPTED BUDGET	2022 PROJECTIONS	PROPOSED BUDGET	Increase/ Decrease	% Increase
05	00-00-4215 Court - Time Pay Fees/City	531	1,210	1,210	1,210	-	0%
05	00-00-4216 Court - Time Pay Fees/ Effic	45	310	310	310	-	0%
05	00-00-4217 Court - OMNI	424	650	650	650	-	0%
05	00-00-4225 Child Safety 1015	709	1,650	1,650	1,650	-	0%
05	00-00-4260 Security Fees	461	2,420	2,420	2,420	-	0%
05	00-00-4270 Technology Fees	347	4,000	4,000	4,000	-	0%
05	00-00-4271 CHILD SAFETY HARRIS CO	3,847	4,000	4,000	4,000	-	0%
TOTAL COURT REVENUES		6,455	14,240	14,240	14,240	-	0%
COURT FUND EXPENDITURES							
Support Services							
05	00-00-8140 Child Safety	-	150	150	150	-	0%
05	00-00-8610 Court- General	60	-	-	-	-	0%
05	00-00-8615 Court - Translation	104	-	-	-	-	0%
05	00-00-8625 Technology	3,352	3,500	3,500	5,500	2,000	57%
05	00-00-8626 Security	4,237	4,300	4,300	4,300	-	-
TOTAL COURT EXPENDITURES		7,754	7,950	7,950	9,950	2,000	25%
REVENUE OVER/(UNDER) EXPENDITURE		(1,299)	6,290	6,290	4,290	(2,000)	-32%

**CITY OF BUNKER HILL VILLAGE
METRO FUND SUMMARY
PROPOSED 2023 BUDGET**

		2022		2023
	2021 ACTUAL	ADOPTED BUDGET	2022 PROJECTIONS	PROPOSED BUDGET
REVENUES				
INTERGOVERNMENTAL	134,000	134,000	134,000	134,000
TOTAL REVENUE	134,000	134,000	134,000	134,000
EXPENDITURES				
COMMODITIES	-	-	-	-
CONTRACTUAL SERVICES	130,670	134,000	134,000	134,000
TOTAL OPERATING EXPENDITURE	130,670	134,000	134,000	134,000
TRANSFER OUT				450,000
CHANGE IN FUND BALANCE	3,330	-	-	(450,000)
BEGINNING BALANCE	506,250	509,580	509,580	509,580
ENDING BALANCE	509,580	509,580	509,580	59,580

CITY OF BUNKER HILL VILLAGE								
PROPOSED 2023 BUDGET								
METRO FUND								
		2022			2023			
		ADOPTED			PROPOSED		Increase/	
Account #	Description	2021 ACTUAL	BUDGET	PROJECTIONS	BUDGET		Decrease	% Increase
10	00-00-4810	Sales Tax Metro	134,000	134,000	134,000	134,000	-	0%
		TOTAL METRO REVENUES	134,000	134,000	134,000	134,000	-	0%
	Commodities							
10	00-00-6890	Traffic Signs & Signals	21,668	-	-	-	-	-
		TOTAL Commodities	21,668	-	-	-	-	0%
	Support Services							
10	00-00-8810	Streets - Right of Way	96,286	90,000	90,000	90,000	-	0%
10	00-00-8820	Streets - Lighting	12,716	24,000	24,000	24,000	-	0%
10	00-00-8830	Streets - Lights Installation	-	20,000	20,000	20,000	-	0%
		TOTAL Support Services	109,002	134,000	134,000	134,000	-	0%
	Capital Outlay							
10	00-00-8810	Transfer to GF Cont				450,000	450,000	0%
		TOTAL Capital Outlay	-	-	-	450,000	450,000	0%
		TOTAL EXPENDITURES	109,002	134,000	134,000	584,000	450,000	336%
		REVENUE OVER/(UNDER) EXP	24,998	-	-	(450,000)	(450,000)	

ORDINANCE NO. 22 – 583

AN ORDINANCE PROVIDING FOR THE ASSESSMENT, LEVY, AND COLLECTION OF AD VALOREM TAXES OF THE CITY OF BUNKER HILL VILLAGE, TEXAS, FOR THE YEAR 2022 AND FOR EACH YEAR THEREAFTER UNTIL OTHERWISE PROVIDED; PROVIDING THE DATE ON WHICH SUCH TAXES SHALL BE DUE AND PAYABLE; PROVIDING FOR PENALTY AND INTEREST ON ALL TAXES NOT TIMELY PAID; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

* * * * *

WHEREAS, Section 26.05 of the Texas Property Tax Code provides that by September 30, or the 60th day after the date the certified appraisal roll is received by the taxing unit, the governing body of each taxing unit shall adopt a tax rate for the current tax year; and

WHEREAS, such Section further provides that where the tax rate consists of two components (one which will impose the amount of taxes needed to pay the City's debt service and the other which will impose the amount of taxes needed to fund maintenance and operation expenditures of the City for the next year), each of such two components must be approved separately; and

WHEREAS, the proposed tax rate for the current tax year of the City of Bunker Hill Village, Texas, consists of two such components, a tax rate of Four and 0248/10,000ths Cents (\$0.040248) for debt service and a tax rate of Twenty Three and 4752/10,000ths Cents (\$0.234752) to fund maintenance and operation expenditures; and

WHEREAS, by separate motions heretofore adopted by the City Council of the City of Bunker Hill Village, Texas, at a meeting of said City Council held on this 20th day of September 2022, said City Council has approved separately the tax rate heretofore specified for each of said components; and

WHEREAS, having thus separately approved the tax rate for each of such components, it is necessary and appropriate for the City Council to now formally pass, approve, and adopt a 2022 tax rate ordinance for the City of Bunker Hill Village, Texas; and

WHEREAS, all notices and hearings required by law as a prerequisite to the passage, approval, and adoption of said tax rate ordinance have been timely and properly given and held; now, therefore

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BUNKER HILL VILLAGE, TEXAS:

Section 1. The facts and recitations set forth in the preamble of this Ordinance are hereby found to be true and correct and are hereby adopted, ratified, and confirmed.

Section 2. All property subject to ad valorem taxation by the City of Bunker Hill Village, Texas, shall be equally and uniformly assessed for such purposes at One Hundred Percent (100%) of the fair market value of such property.

Section 3. There is hereby levied for general purposes and use by the City of Bunker Hill Village, Texas, for the year 2022, and for each year thereafter until otherwise provided, an ad valorem tax rate at the rate of Twenty Three and 4752/10,000ths Cents (\$0.234752) on each One Hundred Dollars (\$100) of assessed valuation on all property, real, personal, and mixed, within the corporate limits upon which an ad valorem tax is authorized by law to be levied by the City of Bunker Hill Village, Texas. The proceeds from such tax shall be applied to the payment of the general and current expenses of the government of the City. All such taxes shall be assessed and collected in current money of the United States of America.

THIS TAX RATE WILL RAISE MORE TAXES FOR MAINTENANCE AND OPERATIONS THAN LAST YEAR'S TAX RATE.

THE TAX RATE WILL EFFECTIVELY BE RAISED BY 7.52 PERCENT AND WILL RAISE TAXES FOR MAINTENANCE AND OPERATIONS ON A \$100,000 HOME BY APPROXIMATELY \$ 7.41.

Section 4. For the purpose of paying the interest on bonds, warrants, certificates of obligation, or other lawfully authorized evidence of indebtedness issued by the City of Bunker Hill Village, Texas, including the various installments of principal due on the serial bonds, warrants, certificates of obligation, or other lawfully authorized evidence of indebtedness issued by the City as such installments shall respectively mature, and for the purpose of repaying any sums borrowed in anticipation of current revenues for use in the payment of bonds and certificates of obligation and interest thereon maturing in the fiscal year 2022, and for the purpose of paying interest and making provisions for the sinking fund on such other bond issues, warrants, certificates of obligation, or other lawfully authorized evidence of indebtedness as may be authorized, there is hereby levied for

the year 2022 and for each year thereafter until otherwise provided, to be assessed and collected upon all property described in Section 3 of this Ordinance, an annual ad valorem tax at the rate of Four and 0248/10,000ths Cents (\$0.040248) on each One Hundred Dollars (\$100) of assessed valuation.

Section 5. All ad valorem taxes levied hereby, in the total amount of Twenty Seven and 5000/10,000ths Cents (\$0.275000) on each One Hundred Dollars (\$100) of assessed valuation, as reflected by Sections 3 and 4 hereof, shall be due and payable on or before January 31, 2023. All ad valorem taxes due to the City of Bunker Hill Village, Texas, and not paid on or before January 31 following the year for which they were levied shall bear penalty and interest as prescribed in the Property Tax Code of the State of Texas.

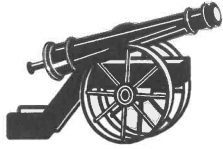
Section 6. All ordinances or parts of ordinances inconsistent or in conflict herewith are, to the extent of such inconsistency or conflict, hereby repealed.

PASSED, APPROVED, AND ADOPTED this 20th day of September 2022.

Robert P. Lord, Mayor

ATTEST:

Karen H. Glynn
Acting City Secretary



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: VI

Subject/Proceeding: Police Commissioner's Report

Exhibits: Chief's Monthly Report *dated September 12, 2022*

- Fire Department Assists
- 2022 Burglary Map – August 31, 2022
- 2022 Auto Burglary Map - August 31, 2022
- ALPR Hit Locations
- ALPR Report, Recoveries & List
- 2022 Total Incidents to Date
- Officer Committed Time Report to Date

Clearance: Karen Glynn, City Administrator

Executive Summary

The Police Commission Report will include the following items:

A. Update on Activities

The Police Commissioner and Police Chief will present this item.



Memorial Villages Police Department
11981 Memorial Drive
Houston, Texas 77024
Tel. (713) 365-3701

Raymond Schultz
Chief of Police

September 12, 2022

TO: MVPD Police Commissioners
FROM: R. Schultz, Chief of Police
REF: August Monthly Report

During the month of August MVPD responded/handled a total of 7,036 calls/incidents. 5,634 House Watch checks were conducted. 547 traffic stops were initiated with 559 citations being issued for 1,022 violations. (Note: 12 Assists in Hedwig, 118 in Houston, 3 in Spring Valley and 0 in Hillshire)

Calls/Events by Village were:

Village	Calls/YTD	House Watches/YTD	Accidents	Citations	Response Time
Bunker Hill:	2108/15448	1735/12769	5	129/288/417	3@3:18
Piney Point:	1789/13046	1413/10292	3	87/248/335	4@3:46
Hunters Creek:	2967/20082	2494/16603	7	67/206/273	6@3:17
				Cites/Warn/Total	13@3:39

Type and frequency of calls for service/citations include:

Call Type	#	Call Type	#	Citations	#
False Alarms:	183	Ord. Violations:	9	Speeding:	121
Animal Calls:	16	Information:	14	Exp. Registration:	180
ALPR Hits:	73	Suspicious Situations	111	No Ins:	122
Assist Fire:	90	Loud Party	4	License	128
Assist EMS:	32	Welfare Checks:	12	Stop Sign	28
				Fake Plate	53

*This month the department generated a total of 94 police reports.
BH-29, PP-18, HC-44, HOU-3, HED-0, SV-0*

Crimes Against of Persons (2)
Assault 2

Crimes Against Property (13)
Burglary of a Motor Vehicle 4
Theft of a Vehicle 1
Theft 4

Forgery 1
Fraud/ID 3

Petty/Quality of Life Crimes/Events (79)
ALPR Hits (valid) 13
Misc. Reports 32
Information Reports 14
Possession of CS 5

Warrants 10
Unlawful Use of Vehicle 3
DWI 1
Possession of DW 1

Arrest Summary: Individuals Arrested (24)
Warrants 10
Class 3 Arrests 9

Felony 4
DWI 1

<u>Budget YTD:</u>	<u>Expense</u>	<u>Budget</u>	<u>%</u>
• Personnel Expense:	3,150,488	5,222,098	60.3%
• Operating Expense:	701,643	959,152	73.1%
• Total M&O Expenditures:	3,852,131	6,181,250	62.3%
• Capital Expenses:	160,100	178,000	89.9%
• Net Expenses:	4,012,232	6,359,250	63%

Follow-up on Previous Month Items/Requests from Commission

- Met with TMRS Staff telephonically who provided resolution for change of retirement from 25-year plan to a 20-year plan effective 1/1/2023. Action item for Commission.

Personnel Changes/Issues/Updates

- Interviewed a dispatcher candidate who has moved to the background phase.
- Presented a conditional offer of employment to a police officer candidate from Katy PD.
- On August 12, 2022, MDPC hosted a retirement celebration for Officer Miller that was well attended.
- On August 18, 2022. A department-wide staff meeting was held at the Town and Country Center.

Major/Significant Events

- Started the 2022/2023 School year. Officers were present at each school during the morning drop-off and pick-up times and monitored school zones.
- Throughout the month officers utilized the ALPR to locate and recover 13 stolen vehicles. In addition, officers recovered two additional stolen vehicles with fraudulent paper tags as part of a fake paper tag tactical operation. In total 53 fake paper tags were recovered.
- MVPD dispatch had a rash of employees get sick with COVID. Officers were assigned to assist ion dispatch as needed over a 10 day period.
- 8/2/22 at 0200 hours officers located a suspicious female walking in the area of the Riverbend Sub-division. The female was found to have a master mailbox key and numerous pieces of stolen mail, check sand credit cards, many of which belonged to residents. The female was arrested.
- 8/26/22 at 0330 Hours a vehicle was stolen from Caroline Trail. Detectives used the ALPR and located the suspects arrive in the area in a green Honda. The ALPR showed the vehicle to have a different plate (swapped) from another vehicle. Through investigation detectives learned the suspects were from Texas City. The victim's vehicle was later recovered in Texas City. Detectives are obtaining a warrant for the suspects arrest in this case. (Note It was discovered they (suspects) also bought gas at a nearby gas station).

Status Update on Major Projects

- During the heavy rainstorms during the month, the roof started leaking in 2 locations. Staff is obtaining bids for repairs.
- The MVPD Foundation donated 2 drinking fountain water filtration systems to the department. The 2 units were installed during the month.
- Continued transition of IT services contract from MergerTree to IOSO.

V-LINC new registrations in August +23

BH – 1495(+4)

PP – 1076 (+10)

HC – 1517 (+6)

Out of Area – 538 (+3)

August VFD Assists

Calls received directly by MVPD via 911/3700

Priority Events

Average Response Times

Total –6	3:52
Fire – 2	3:50
EMS – 4	3:52

By Village

BH Fire – 1	3:30
BH EMS – 1	3:57
PP Fire – 0	0
PP EMS – 2	4:28
HC Fire -1	4:11
HC EMS -1	3:19

Combined VFD Events (Priority + Radio)

Total – 73	4:46
Fire – 59	4:25
EMS – 14	5:58*

Radio Call Events

Total – 67	4:53
Fire- 57	4:27
EMS- 10	6:54*

Radio Call Events by Village

BH – 13	3:11
PP – 27	6:00*
HC – 27	4:27

* Call failed to log. Officer on scene in 3 minutes,
logged at a 19:52 response time.

2022 Burglary Map

Address	Alarm	POE
233 Merrie Way	No	Walk-in UNL Door
706 Country Lane	No	Garage UNL Door
11903 Broken Bough	No	Door Kick
24 Greyton Ln	No	Side Door Wind
321 Bunker Hill Rd	No	Const Site
214 Blalock	No	Open Door
26 Windemere	No	Rear Door Wind

2022 Robberies

Address	MO
201 Kensington	Driveway Robbery



Daytime Burglary



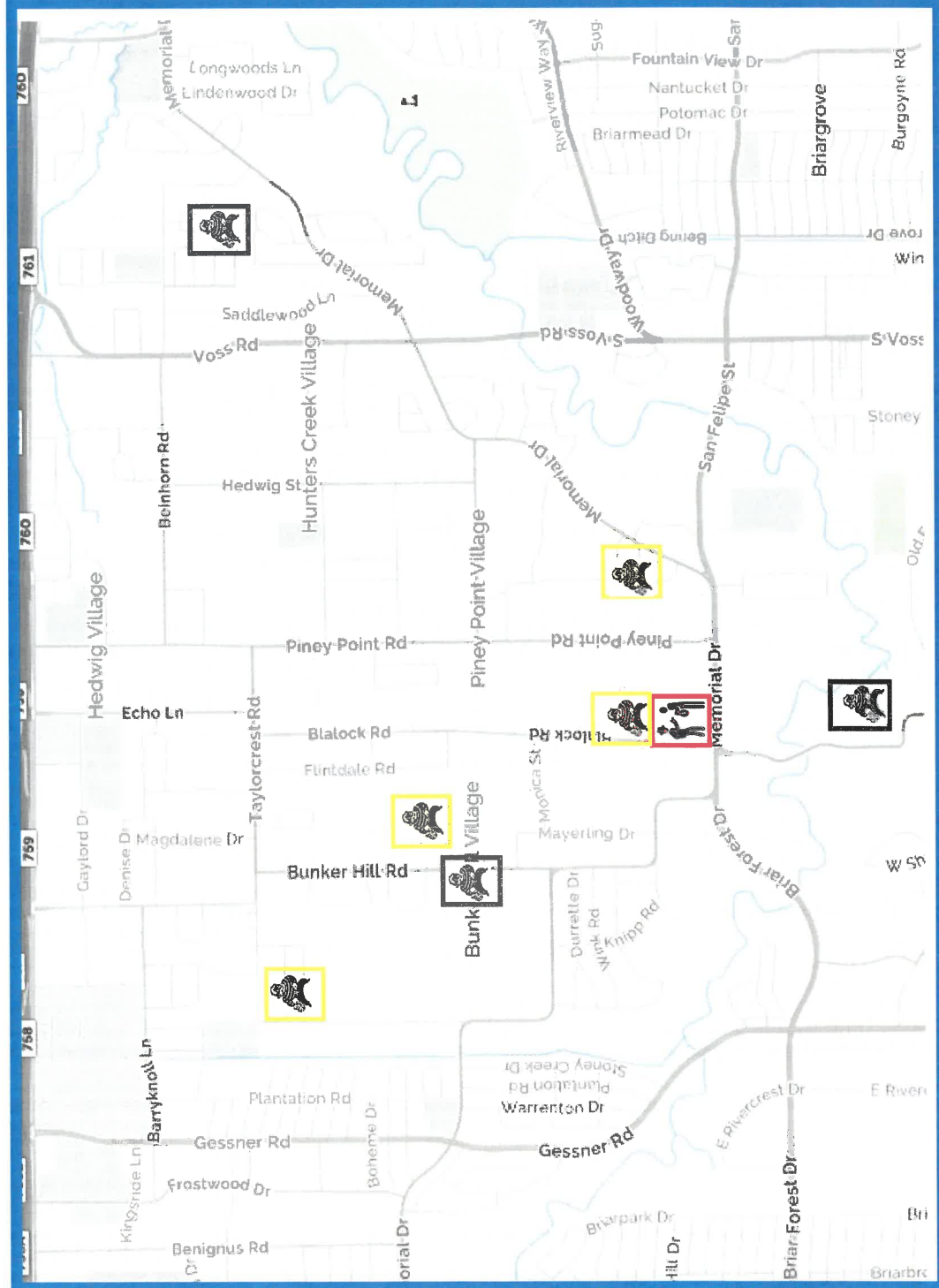
Nighttime Burglary



Robbery

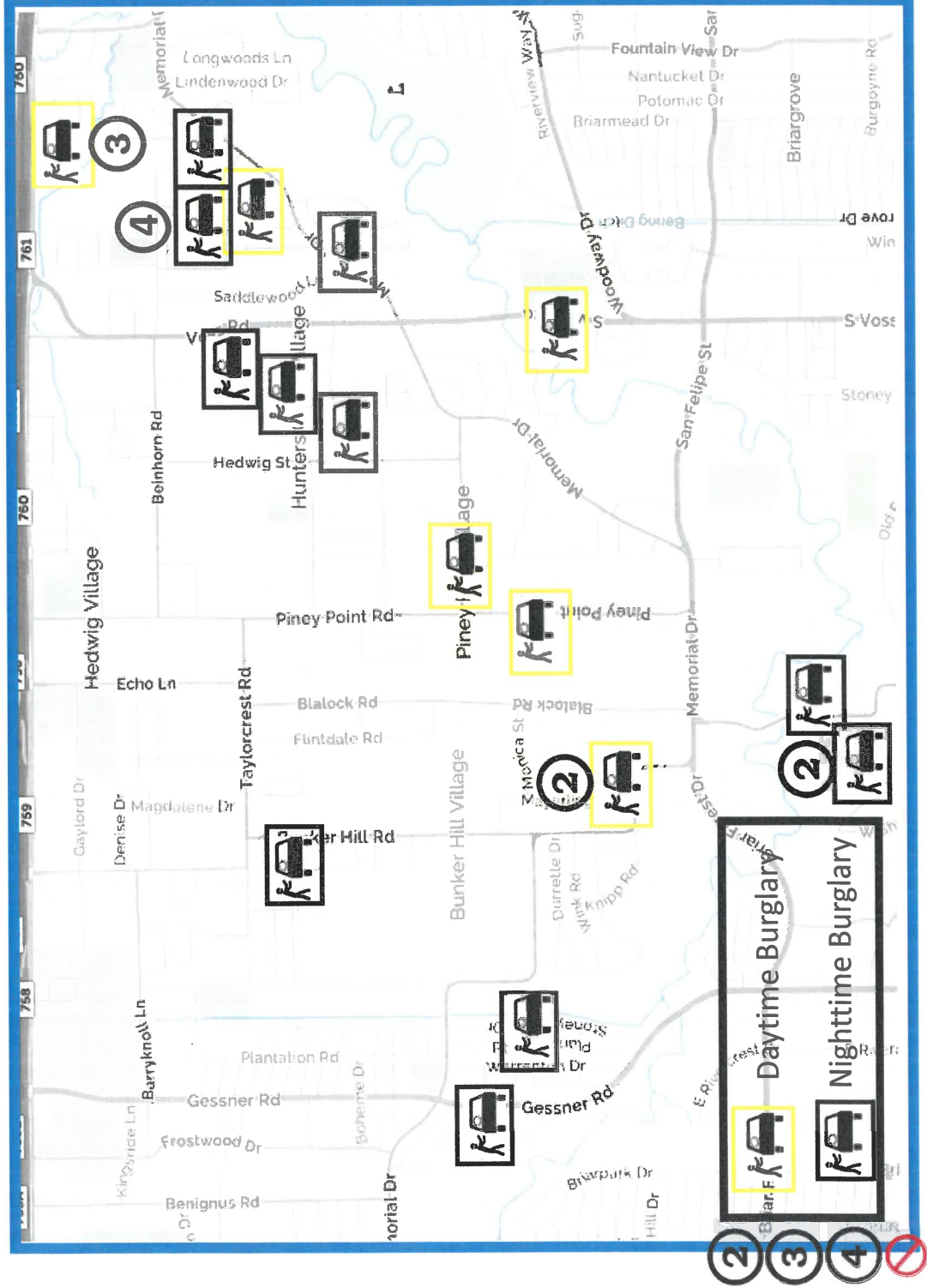


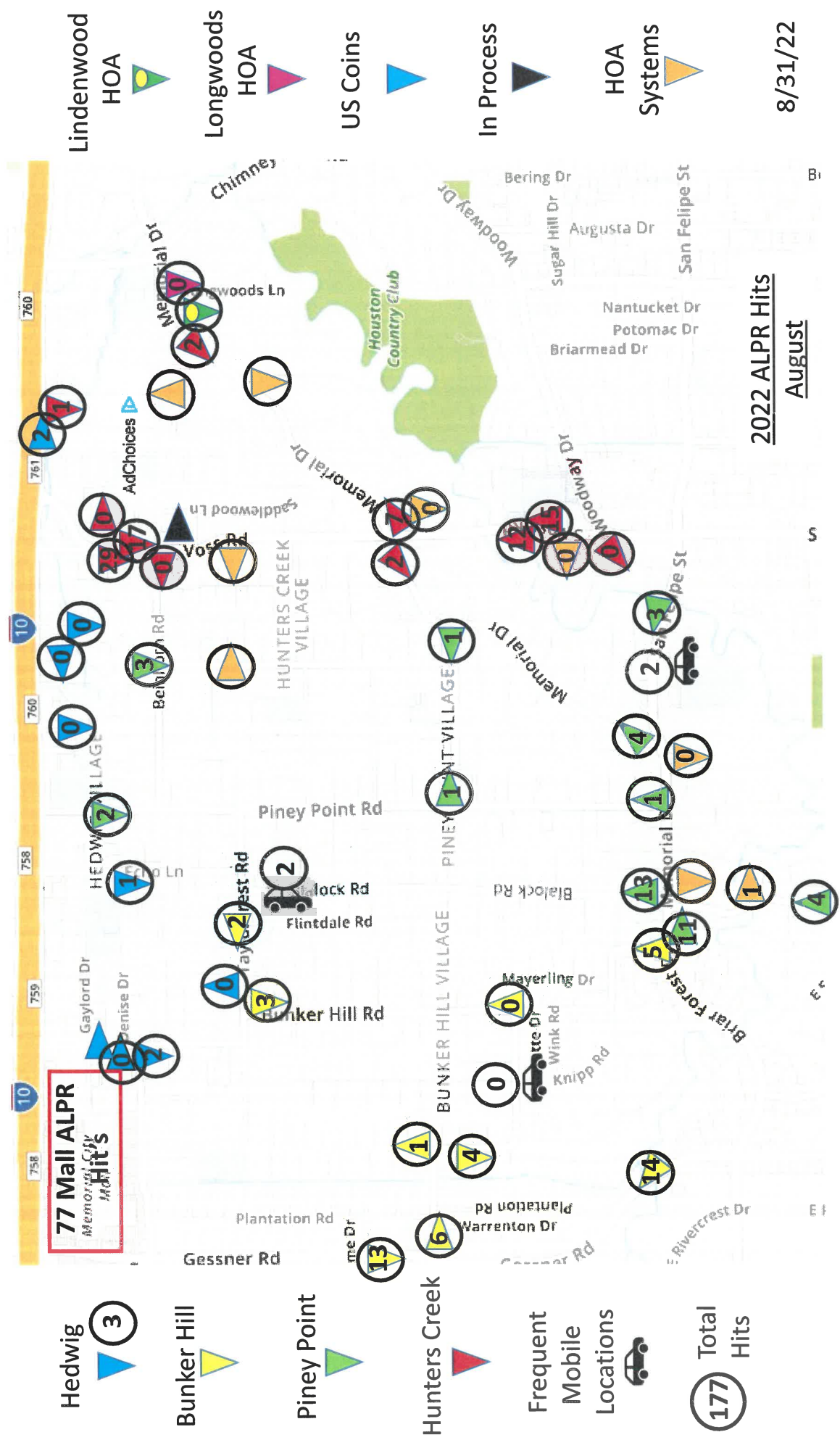
8/31/22



2022 Auto Burglary Map

Address	POE
243 Gessner 22-0042	UNL Vehicle
614 Hunters Grove 22-0046	UNL Vehicle
215 Voss	UNL Vehicle
634 Saddlewood	UNL Vehicle
626 Saddlewood	UNL Vehicle
10710 Bridlewood	UNL Vehicle
718 Camelot	UNL Vehicle
708 Country	UNL Vehicle
1 Windmere	UNL Vehicle
410 Pine Needle	UNL Vehicle
8427 Hunters Creek Drive	UNL Vehicle
8447 Hunters Creek Drive	UNL Vehicle
11024 Greenbay	Side Window
362 Piney Point	UNL Vehicle
11614 Arrowood Cir	UNL Vehicle
251 Plantation	UNL Vehicle
8435 Katy Fwy	UNL Vehicle
11607 Arrowood Cir	UNL Vehicle
708 Country Lane	UNL Vehicle
10917 Roaring Brook	UNL Vehicle
11750 Memorial	UNL Vehicle
11750 Memorial	UNL Vehicle
10403 Memorial	UNL Vehicle
90 Williamsburg	UNL Vehicle





77 Mail ALPR
Houston, TX
Hits

Hedwig
3

Bunker Hill

Piney Point

Hunters Creek

Frequent
Mobile
Locations

Total
Hits
177

Lindenwood
HOA

Longwoods
HOA

US Coins

In Process

HOA
Systems

8/31/22

2022 ALPR Hits
August





August 2022 ALPR REPORT



Total Plate Reads, Incl's multiple reads of same plate
Number of Unique Plates Read – Total without repeats
Number of Hits/Alerts - All 14 possible categories
Number of Hits/Alerts of the 6 monitored categories
Number of Sex Offender Hits (not monitored live)
Total Hits-Reads/total vehicles passed by each camera

2022 ALPR Data Report

Plate Reads Summary

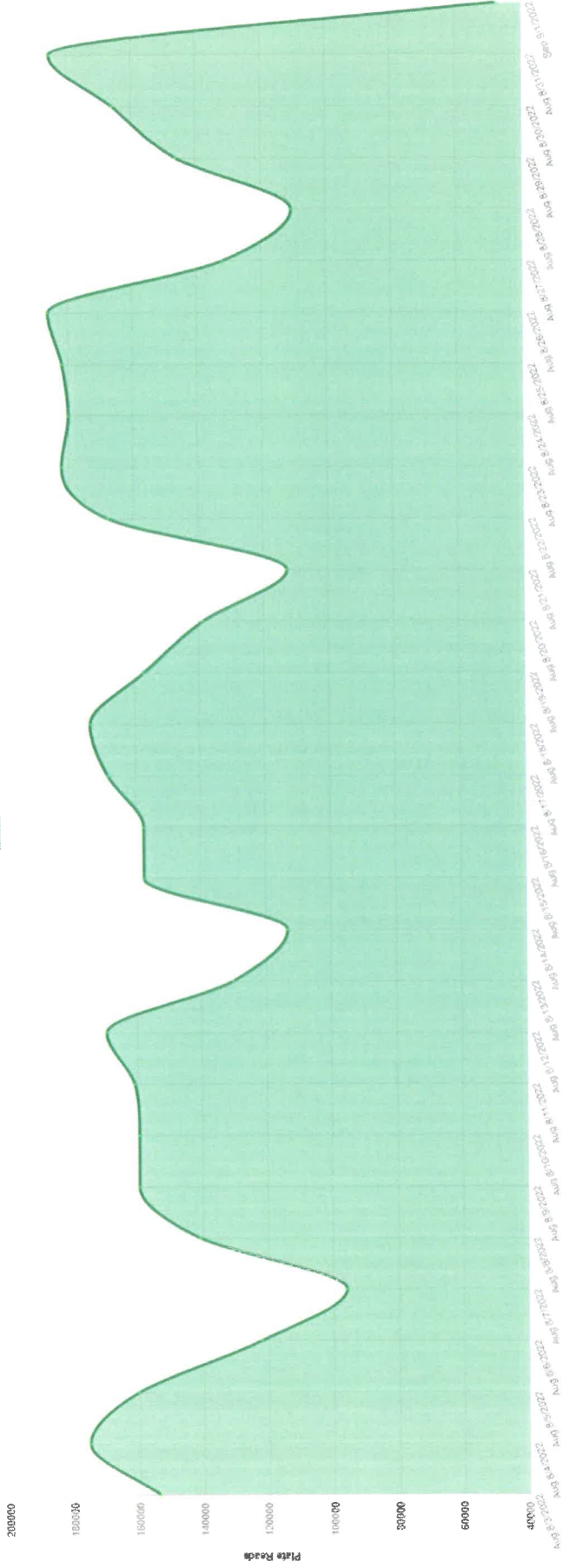
Total Plate Reads:
4,494,638

[Download CSV](#) Aug 3 - Sep 1

Cameras (32)

Search

Plate Reads By Day



Unique Plate Reads Summary

Total Unique Plate Reads:

1,683,196

Download CSV

Aug 3 - Sep 1

Cameras (32)

Search

Plate Reads By Day



All Categories

Hits Report

Total Hits:
618

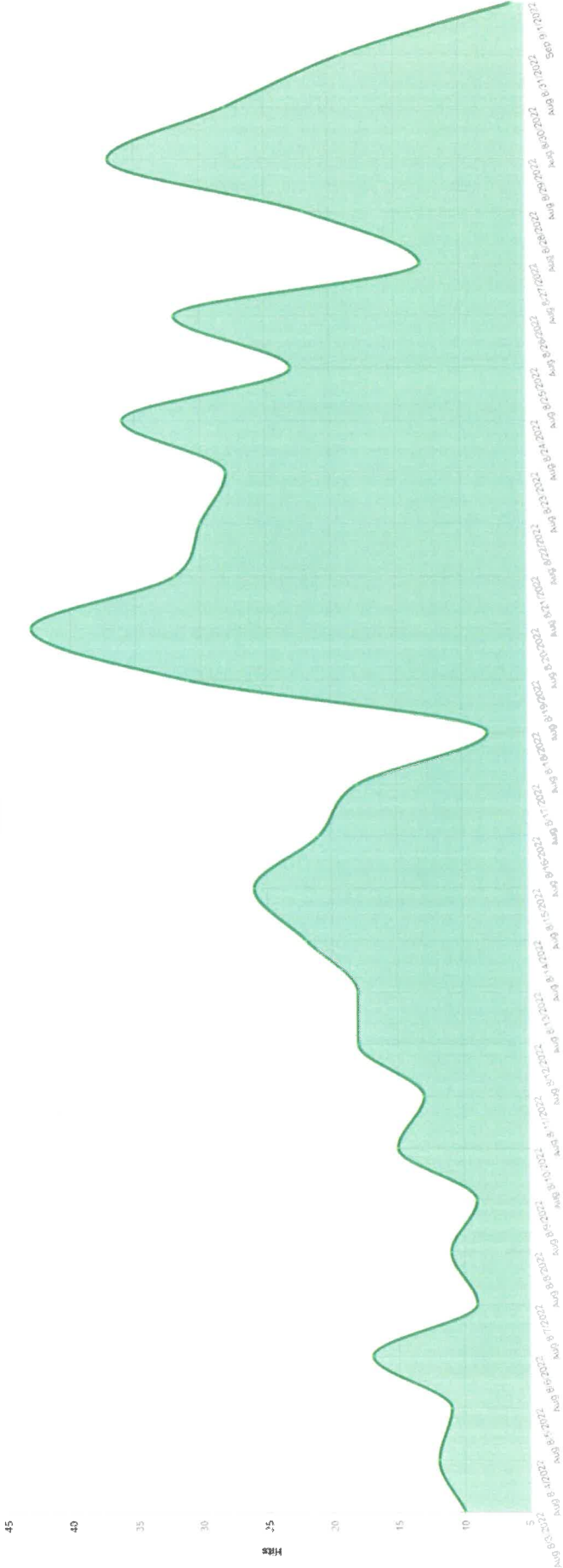
Download CSV

Aug 3 - Sep 1

Topics (14) Cameras (32)

Search

Hit By Day



Top 6 Categories

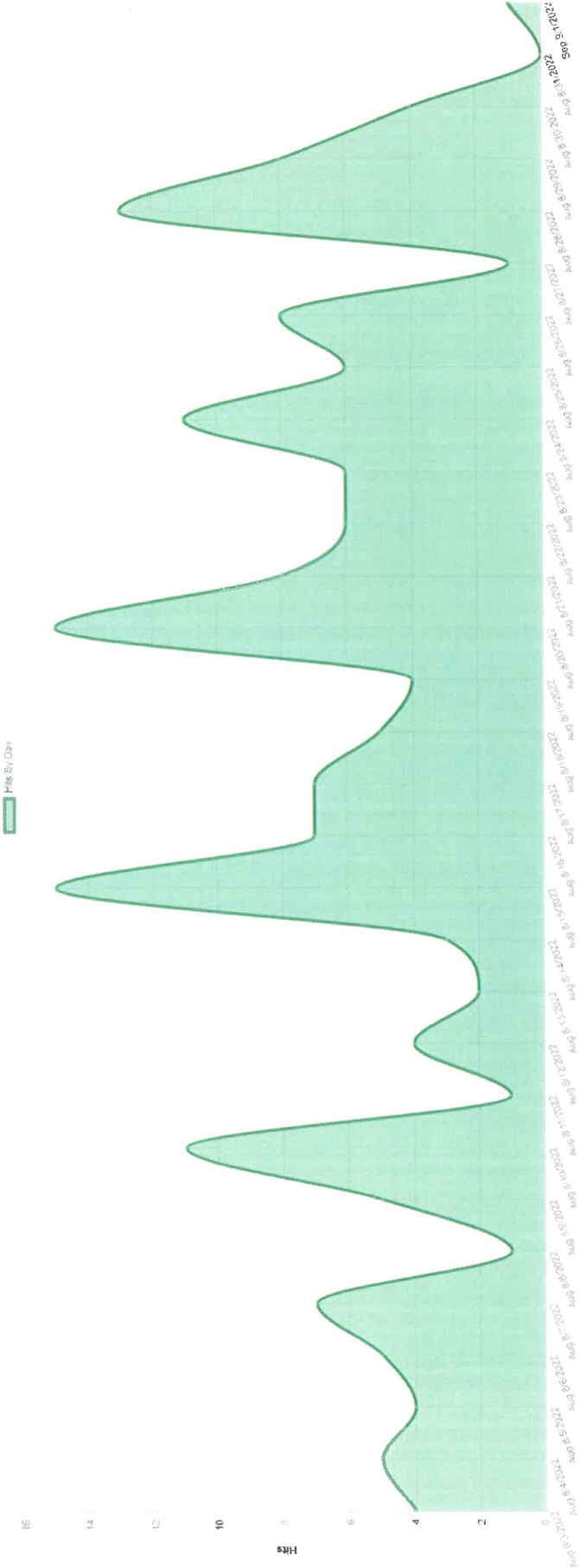
Hits Report

Total Hits:
177

Download CSV

Aug 3 - Sep 1

Topics (6)Cameras (32)Search



Sex Offenders Only Hits

Hits Report

Total Hits:
114

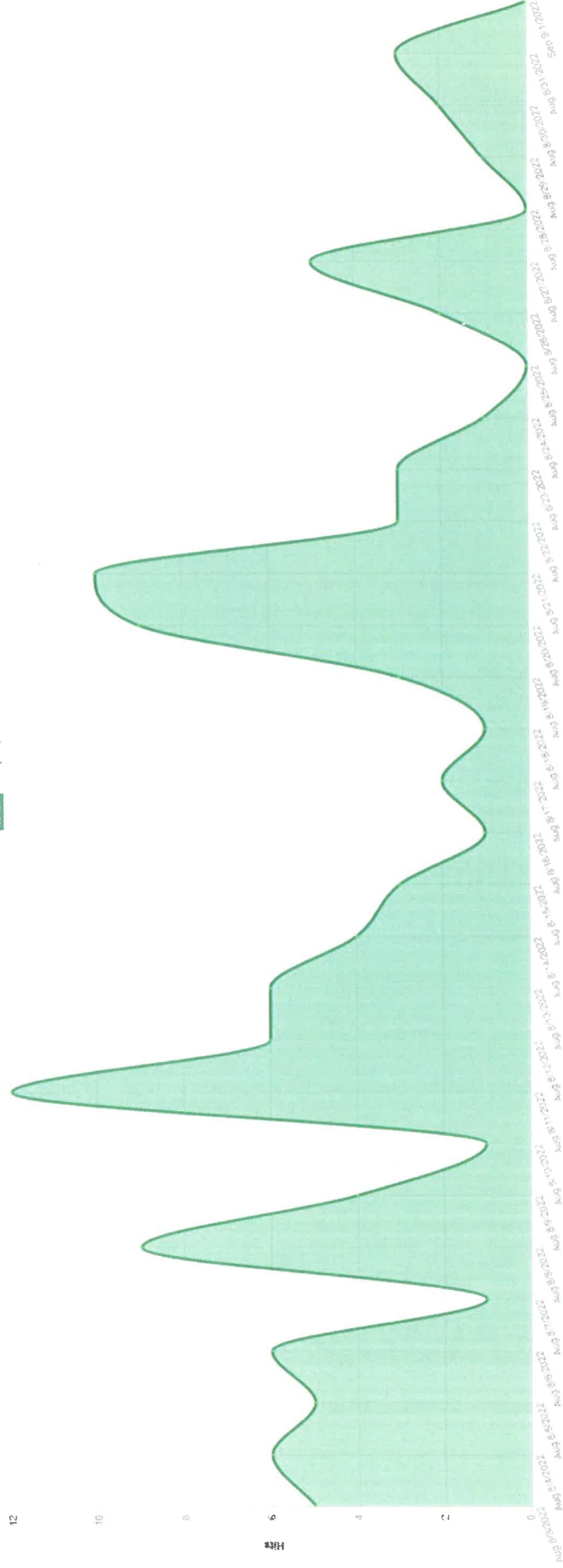
Download CSV

Aug 3 - Sep 1

Topics (1) Cameras (32)

Search

Hits By Day



#1 Gessner S/B at Frostwood	#15 Hunters Creek Drive S/B at I-10	#29 Riverbend Main Entrance
#2 Memorial E/B at Memorial	#16 Memorial W/B at Creekside	#30 Beinhorn E/B at Voss
#3 NO ALPR - Future Location	#17 Memorial W/B at Voss	<u>#31 NO ALPR – Future Location</u>
#4 Memorial N/B at Briar Forrest	#18 Memorial E/B at Voss	#32 Greenbay W/B at Memorial
#5 Bunker Hill S/B at Taylorcrest	#19 S/B Voss at Old Voss Ln 1	#33 Strey N/B at Memorial
#6 Taylorcrest W/B at Flintdale	#20 S/B Voss at Old Voss Ln 2	Private Systems monitored by MVPD
#7 Memorial E/B at Briar Forrest	#21 N/B Voss at Magnolia Bend Ln 1	US COINS - I-10 Frontage Road
#8 2200 S. Piney Point N/B	#22 N/B Voss at Magnolia Bend Ln 2	Memorial Manor NA Lindenwood/Memorial
#9 N. Piney Point N/B at Memorial	#23 W/B San Felipe at Buffalo Bayou	Greyton Lane NA
#10 Memorial E/B at San Felipe	#24 N/B Blalock at Memorial	Calico NA
#11 Greenbay E/B Piney Point	#25 N/B Bunker Hill at Memorial	Windemere NA
#12 Piney Point S/B at Gaylord	#26 S/B Hedwig at Beinhorn	Mott Lane
#13 Gessner N/B at Bayou	#27 Mobile Unit #181	Kensington NA
#14 Beinhorn W/B at Pipher	#28 Mobile Speed Trailer	Stillforest NA
		Farnham Park
		Riverbend NA
		Pinewood NA
		Hampton Court
		Bridlewood West NA
		N Kuhlman NA
		Longwoods NA
		Memorial City Mall - 22

Yellow = Bunker Hill
 Green = Piney Point
 Red = Hunters Creek
 Blue = MVPD Mobile
 Purple = Privately Owned Systems



Hits/Reads By Camera

1	13/327,207	17	3/120,585	Total Reads – 4,494,638
2	6/165,510	18	7/109,949	Unique Reads – 1,683,196
3	0/0 Placeholder	19	29/358,555	Hits- 618
4	5/161,874	20	17/237,902	6 Top Hit List- 177
5	3/93,732	21	12/361,541	• Hotlist
6	2/91,682	22	15/399,551	• Stolen Vehicle
7	11/202,490	23	3/247,286	• Stolen Plate
8	4/220,273	24	13/139,880	• Gang Member
9	1/62,622	25	0/51,558	• Missing
10	4/132,870	26	3/77,762	• Amber
11	1/38,280	27	2/123,515	Recoveries - 13
12	2/192,736	28	2/16,396	
13	14/296,981	29	0/5,902	
14	0/38,909	30	0/52,271	
15	0/8,063	31	0/0 Placeholder	
16	2/94,187	32	2/64,667	
		33	1/42,330	

ALPR Recoveries						
Num	Plate	Vehicle	Loc	Val	Links	Date
1	PYW1930	Jeep Pat	6	\$ 18,000.00	Missing Peson	5-Jan
2	NSZ6202	Chev SPK	19	\$ 14,000.00	Fugitive	9-Jan
3	LBH7413	Toy Cam	8	\$ 18,000.00	Burg/Warr	13-Jan
4	36268G6	Niss Sent	24	\$ 14,500.00		14-Jan
5	P556946	Chevlmpal	22	\$ 21,000.00		20-Jan
6	27517B1	BlkLexus	21	\$ 34,000.00	FelWarrant	30-Jan
7	JMH0296	Ford Must	17	\$ 23,500.00		1-Feb
8	AL32592	U-HAUL	Station	\$ 70,000.00	Poss Meth	24-Feb
9	NPS2672	Ford F150	20	\$ 45,000.00	Carjacking	25-Feb
10	KPH5017	LexG43	17	\$ 18,500.00	Warr	3-Mar
11	NV0203	Chev Mal	103	\$ 16,000.00	Warr	8-Mar
12	C337283	Chev1500	Coins	\$ 21,000.00	Fugitive	13-Mar
13	NKM9110	Toy SUV	19	\$ 30,000.00	Fugitive	19-Mar
14	LTR0879	Honda ACI	21	\$ 18,000.00		20-Mar
15	94AQZQ	ToyCam	2	\$ -	Hotlist Mail Thief	25-Mar
16	MKP5490	Toy Rav4	7	\$ 26,000.00	Fugitive	22-Mar
17	PRF3098	Niss Con	19	\$ 18,750.00	Armed Rob	31-Mar
18	GFBS552	Toy Cor	19	\$ 16,000.00	car Jacking	1-Apr
19	AG89893	Uhaul	1	\$ 41,000.00		23-Apr
20	HTV3407	Ford Esc	1	\$ 20,000.00	Missing Peson	26-Apr
21	MCD4078	HynEln	4	\$ 23,500.00		2-May
22	LB14381	Ram1500	8	\$ 41,000.00		4-May
23	RRB3406	NissXTR	23	\$ 27,000.00		5-May
24	PMJ5213	NissSen	21	\$ 18,500.00		5-May
25	RPZ7921	Ford Foc	RB 23	\$ 12,000.00		6-May
26	48055C8	HumH3	19	\$ 46,000.00	Fugitive	6-May
27	MZZ3102	ChevSub	23	\$ 27,000.00		8-May
28	0252W43	F150	27	\$ 30,000.00		26-May
29	RFK9077	NissMur	8	\$ 23,000.00		26-May
30	RGR4290	Kia	8	\$ 22,500.00	Poss of Narcotics	27-May
31	PBJ4056	Niss	8	\$ 25,500.00	Stolen Firearm	27-May
32	AH01898	UHaul	7	\$ 42,500.00	Stolen misc items	1-Jun
33	KKM3831	ToyCam	8	\$ 20,000.00	Fugitive	11-Jun
34	LFS4848	Honda Civ	20	\$ 15,000.00		14-Jun
35	PXD7306	FordEsc	19	\$ 18,750.00	Fugitive	17-Jun
36	CZY9487	FordF250	24	\$ 37,000.00	Hotwire	18-Jun
37	57BYIV	Kia	24	\$ 24,000.00	hertz Rental	20-Jun
38	RMX4945	Acura	21	\$ 32,000.00	Carjacking	7-Jul
39	0698V50	Toy Cam	Hed	\$ 23,000.00	Fraud	12-Jul
40	4T28195	Trailer	21	\$ 6,000.00	Fraud	18-Jul
41	CQE6383	MerBenz	21	\$ 65,000.00	Fraud	21-Jul
42	RNV3718	Ford Van	21	\$ 17,000.00	Fraud	24-Jul
43	NHV2432	HynEln	1	\$ 18,000.00	Fraud	30-Jul
44	KXR5488	DodJour	6	\$ 9,000.00		2-Aug
45	RL6806	HYNVelos	1	\$ 17,000.00	Fraud	4-Aug
46	DPZ3402	HONCiv	1	\$ 15,000.00	Fugitive	5-Aug
47	RXR2715	HondaCR	Hed	\$ 18,000.00	Fraud	7-Aug
48	PZY0325	INFOX50	8	\$ 21,000.00	Fraud	7-Aug
49	KRL3811	CAD	19	\$ 26,000.00	Fraud	9-Aug
50	RXF2537	HonPilot	21	\$ 17,000.00	Fraud	12-Aug
51	PFG5119	FordExp	6	\$ 19,500.00	Narcotics	17-Aug
52	LWC2986	LandRover	13	\$ 31,000.00	Narcotics	19-Aug
53	AL62414	UHaul	24	\$ 4,000.00		20-Aug
54	AL08211	GMCCargo	22	\$ 30,000.00		20-Aug
55	NYK5679	ToyCor	13	\$ 14,000.00		25-Aug
56	LDPI26 FL	Toy Max	21	\$ 23,000.00		28-Aug
57	RZM2175	BMW328	24	\$ 24,000.00		3-Sep
58	RMV6623	Ford Focus	23	\$ 12,500.00	Fraud-Salv Title	6-Sep
59						
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75						

Program Summary			
2022 Value	\$ 1,378,500.00	Recovered	40
2021 Value	\$ 1,683,601.00	Recovered	75
2020 Value	\$ 1,147,500.00	Recovered	61
2019 Value	\$ 438,000.00	Recovered	22
Program Total	\$ 4,647,601.00		198

INVESTIGATIVE LEADS				
3/11/2022	JXN1575	20	Mail and Vehicle Thefts	HPD Case TOT HPD
3/24/2022	94A02Q FL	19	Mail Thiefs	Lead TO-Be issued
4/4/2022	Green Honda	23	Robbery	Lead TB To-Be issued
4/8/2022	Chev Impala	6	Burglary	lead Arrest
4/19/2022	Cad Esc	#174	UUMV	Lead tot HPD
4/21/2022	Toy Cor	15	BMW	Lead To-Be issued
5/21/2022	LIN6783	Wind	Mail Thieves	Arrest Arrest
5/23/2022	RKH5452	1	BOH	Lead To-Be Issued
7/6/2022	78660E1	Hed	Const Theft	Arrest 3 in-custody

Plate Recoveries					
Plate Recove	Date	Links	Plate Reco	Date	Links
IS11QH	1/4/2022		53821C6	6/25/2022	Fake/Fugitive
63B374	1/4/2022		NSZ6346	6/27/2022	
39496Y1	2/18/2022	same plate on 2 cars	NMD9375	7/7/2022	
39496Y1	2/18/2022	same plate on 2 cars	03339D99	7/8/2022	
NBB1660	3/3/2022		1BD0631	7/26/2022	
US3735	3/7/2022		0541X86	9/2/2022	
KT83323	3/10/2022	Recovered 100+ CC's	7F4429	9/3/2022	
BGFB425	3/15/2022	Hertz	DKS8246	9/3/2022	
72HCF9	3/25/2022				
MKP5490	3/22/2022	On Stolen Veh			
72HCF9	3/26/2022				
43423 E7	7-Apr				
30054V3	5/9/2022				
3491789	5/12/2022				
LCL5909	5/12/2022	Stolen Plate			
0006H59	6/1/2022	Fake Tag			
006H59	6/4/2022	Stolen Plate			
0252W43	6/4/2022	Stolen Plate			
0006H59	6/4/2022	Stolen Plate			
PXD7306	6/17/2022	Stolen on Stolen			
86F1775	6/18/2022	Fake/Stolen			
0271A61	6/24/2022	Fake/Stolen			

Firearm in vehicle
Temp Tag

Located but Fled					
Date	Plate	Camera	Date	Plate	Camera
13-Mar	PGP4565	7	3-Jul	0339D99	21
26-Mar	KZR0019	19	19-Jul	CQE6383	21
12-Jun	KTG0535	17	15-Aug	PYR2967	22
26-Jun	PYV1695	20			
26-Jun	PTD5972	23			

Missing Person
6/7/2022 LZM0966 2
6/7/2022 GLW6656 1

27 of 41 involved in other crimes = 65%

2022 Total Incidents

2022	Crimes Against Persons	Crimes Against Property	Quality of Life Incidents	Total	Arrests	
	January	2	20	54	76	14
	February	0	12	62	74	23
	March	0	16	67	83	21
	April	3	16	64	83	18
	May	0	15	60	75	18
	June	1	15	63	79	18
	July	0	19	65	84	30
	August	2	13	79	94	24
	September					
October						
November						
December						
Total	8	126	514	648	166	

Incidents	House Checks	YTD BH INC	YTD BH HC	YTD PP INC	YTD PP HC	YTD HC INC	YTD HC HC
3781	2849	1191	950	1312	1043	1214	854
3588	2510	984	748	1011	714	1476	1048
6164	4904	1883	1549	1588	1241	2562	2104
4641	3459	1231	908	1393	1055	1907	1495
5737	4292	1762	1333	1617	1223	2217	1736
7901	6595	2735	2357	1724	1375	3285	2855
10,781	9439	3554	3189	2612	2228	4454	4017
7,036	5634	2108	1735	1789	1413	2967	2494
49629	39682	15448	12769	13046	10292	20082	16603

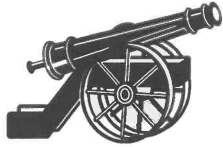
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2022 Officer Committed Time to Service Report

Employee Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Reports	Cites
BAKER, BRIAN C	* 1:12:06	0:25:57	0:41:47	3:39:42	2:14:53	1:17:03	1:36:45	0:01:36						
BALDWIN, BRIAN							13:29:27	26:57:13					7	33
BIEHUNKO, JOHN	18:43:22	2:22:28	16:34:24	16:11:16	0:05:01	30:06:58	20:24:31	13:02:30					3	14
BOGGUS, LARRY	* 15:04:47	5:53:12	4:40:34	3:14:42	4:18:58	8:49:03	4:15:44	2:34:08						
BURGESON, Jason	12:07:07	8:50:51	10:28:24	15:39:39	20:46:39	12:37:07	12:19:19	19:23:50					4	16
CANALES, RALPH EDWARD	15:47:48	12:59:21	20:33:16	7:12:09	18:07:20	18:57:15	24:50:11	20:27:50					4	15
CERNY, BLAIR C.	* 10:28:34	4:46:23	5:09:00	13:16:49	3:28:16	2:39:05	17:08:31	9:42:12					2	
ECKERFIELD, Dillion	14:43:31	50:20:55	41:45:59	20:58:59	46:51:13	46:09:14	33:39:36	36:56:10					7	19
HARWOOD, NICHOLAS	8:52:50	12:08:28	17:02:07	32:38:36	14:55:59	19:34:36	15:51:00	5:12:47					2	14
JARVIS, RICHARD	15:27:18	13:08:35	11:48:58	17:43:16	17:42:14	20:08:16	25:38:04	16:09:36					3	24
JOHNSON, JOHN							1:48:02	40:05:58					10	35
JONES, ERIC	* 0:00:00	0:00:00	0:00:00	2:26:49	0:58:54	0:00:00	0:00:00	0:00:00						
KELSO JR, RONALD K	18:23:38	18:34:45	18:24:13	16:24:02	21:26:07	16:59:04	21:18:40	6:26:15					1	
KUKOWSKI, Andy	8:41:08	29:17:18	19:38:51	10:43:16	14:27:45	35:09:03	23:03:25	22:42:16					2	18
LOWRIE, Andy	22:19:30	25:03:32	25:44:26	30:50:09	37:16:39	47:52:05	49:29:44	35:25:22					7	68
MCELVANY, ROBERT	15:57:19	16:56:24	11:49:41	15:02:12	15:14:52	14:52:41	14:09:33	19:15:01					1	20
MILLER, OSCAR	* 2:11:11	0:26:31	2:26:05	9:03:28	4:23:24									
NASH, CHRISTOPHER	5:48:17	8:01:05	12:25:46	18:40:35	14:35:51	11:49:00	16:46:51	7:04:50					1	2
Ortega, Yesenia	13:37:44	13:06:03	27:04:16	21:00:00	22:35:33	31:13:22	32:38:16	21:42:57					1	20
OWENS, LANE	* 1:19:54	0:00:00	0:01:20	0:00:00	1:17:38	0:00:00	3:05:43	2:39:36						
PAVLOCK, JAMES ADAM	7:53:53	12:46:08	21:56:20	18:00:52	19:42:42	22:02:06	24:04:31	21:29:20					2	54
RODRIGUEZ, CHRISTOPHER	* 3:33:25	1:10:27	2:30:35	3:18:59	9:12:09	2:37:41	3:30:42	4:17:13						
SALAZAR, Efrain							12:39:26	9:48:42					7	58
SCHANMEIR, CHRISTIAN	13:46:24	13:54:19	22:55:54	19:04:49	24:31:16	0:00:00	0:00:00	2:55:01					2	12
SCHULTZ, RAYMOND	* 0:08:10	0:19:11	0:00:00	3:09:04	0:58:56	0:14:11	1:23:01	0:05:17						
SILLIMAN, ERIC	18:28:11	21:46:57	18:28:05	20:43:02	30:52:29	16:55:33	6:26:49	12:22:51					2	21
SPRINKLE, MICHAEL	2:24:25	3:42:07	7:30:26	10:26:51	8:13:27	12:57:33	8:18:24	10:55:32					1	7
TAYLOR, CRAIG	14:23:05	8:57:33	15:22:47	8:22:56	15:25:16	29:26:49	24:23:06	23:14:45					3	20
TORRES, PATRICK	17:51:27	15:18:21	12:19:55	18:43:20	15:41:19	10:59:51	0:00:00	0:30:06					0	
VALDEZ, JUAN	12:53:25	15:40:46	23:53:53	17:10:21	27:45:20	24:50:03	32:46:12	33:34:32					7	16
VASQUEZ, MONICA	17:21:21	13:46:27	13:46:55	29:48:40	27:25:02	17:57:16	20:04:56	18:56:47					2	7
WHITE, TERRY	19:20:30	25:56:34	40:33:51	25:47:31	15:35:11	40:24:45	24:39:05	42:18:21					10	43
WILLIFORD, Adam	2:52:41	16:38:20	42:14:42	22:19:22	24:49:13	14:17:33	29:33:12	23:51:32					3	23
* = Admin												Total	0	559

Dispatch Committed Time													Totals
911 Phone Calls	256	313	376	313	395	311	333	326					2623
3700 Phone Calls	2431	1978	2504	2412	2739	2561	2537	2566					19728
DP General Phone Calls*	55:52:24	43:36:37	62:07:20	60:05:05	63:55:16	62:08:35	61:19:42	6:29:22					

* This is the minimal time as all internal calls route through the 3700 number.



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: VII

Subject/Proceeding: VILLAGE FIRE DEPARTMENT REPORT

Exhibits: August Report - *Number of Incidents to Date*

Letter from VFD Requesting Amendment to 2022 Budget
Information on Fire Fighter Gear:

Joint Statement Regarding PFAS in Fire Fighter Turnout Gear
Various Articles Provided by Chief Foster

Clearance: Karen Glynn, City Administrator

Executive Summary

This Month's Fire Commissioner Report will include the following items:

- A. Update on Activities
- B. Consideration and Possible Action to Approve a Budget Amendment to the 2022 Fire Department Budget Transferring \$150,000.00 from the EMS Revenue Account to the Fire Department Operating Budget for Replacement of Bunker Gear as Recommended by the Fire Commission

Attached are several items provided by Chief David Foster regarding Item B. A joint statement was recently issued from the International Associations of Firefighters and Fire Chiefs regarding bunker gear. In response, a Special Fire Commission Meeting was held on September 6, 2022 to discuss the issue. A recommendation was made by the Fire Commission to initiate the process for a budget amendment to transfer \$150,000 from the EMS Revenue Account to the Fire Department Operating Budget. This transfer will not increase the Cities' assessments. The vote was 4 for the amendment. One Commissioner did not choose to vote, and a second Commissioner abstained.

Response Data Through August 2022

1	2			3			4			5			6			7			8			9			10			11			12			13			14			15																																																		
	Total Number of Incidents 2022															Life Threatening (LT) EMS Incidents															Life Threatening (LT) Fire Incidents															% of 2022 Calls are:															Fire Alarms															% of Fire Calls														
	Fire			EMS			Total			# LT EMS			Natl Stand. 6:30			1st Resp. Time			of 90%			Natl. Stand 10:30			of 90%			# LT Fire			Natl Stand. 6:50			Response Time			100%			Fire			EMS																																															
	103	87	190	36	3:24	3:24	100%	5:31	100%	20	5:27	100%	54%	46%	53	51%																																																																										
	120	192	312	108	3:11	3:11	100%	3:11	100%	16	3:09	100%	38%	62%	54	45%																																																																										
	20	34	54	19	3:55	3:55	100%	5:42	100%	1	5:42	100%	37%	63%	6	30%																																																																										
	170	91	261	37	3:54	3:54	100%	4:30	100%	14	4:26	100%	65%	35%	72	42%																																																																										
	119	76	195	43	3:33	3:33	100%	4:11	100%	12	4:13	100%	61%	39%	79	66%																																																																										
	149	138	287	66	2:46	2:46	100%	4:22	100%	20	4:23	100%	52%	48%	36	24%																																																																										
	60	3	63																																																																																							
	Totals	741	621	1362	309	3:27	3:27	100%	4:34	100%	83	4:27	100%	54%	46%	300	43%																																																																									

Notes: ALL Response Time categories include from the receipt of the call at the Primary Dispatch to arrival on location of the responding units.

Column 1: Reflects the cities listed within the chart.

Column 2: Reflects the year to date number of "fire" type calls within each jurisdiction. Includes: fires, vehicle collisions, gas leaks, rescues, tree in roadways, and others.

Column 3: Reflects the year to date number of "EMS" calls within each jurisdiction.

Column 4: Reflects the year to date, total number of all calls within each jurisdiction.

Column 5: Reflects the year to date, number of "life threatening EMS" calls within each jurisdiction. Includes: heart attacks, strokes, seizures, cardiac arrest, seizures and others.

Column 6, Row A: Reflects the "National Standard for total response time for life threatening EMS Calls of 6 minutes 30 seconds.

Column 7: Reflects the year to date, first responder's response times for each jurisdiction.

Column 8, Row A, Reflects the National Standard of the percentage of calls which the national standard should be met: 90%

Column 9: Reflects the year to date, percentage of calls which the national standard is met during life threatening EMS calls.

Column 10 Row A: Reflects the National Standard for total response time for life threatening EMS calls for arrival of Advanced Life Support Equipment and Personnel: 10 minutes 30 seconds.

Column 11: Reflects the year to date, Advanced Life Support equipment and personnel response time for life threatening calls within each jurisdiction.

Column 12 Row A, Reflects the National Standard of the percentage of calls which the ALS standard should be met: 90%

Column 13: Reflects the year to date, percentage of calls, which the national standards is met of ALS response for each jurisdiction.

Column 14: Reflects the year to date, number of life threatening "Fire Type" calls within each jurisdiction.

Column 15: Reflects the year to date, average total response time to fire type calls within each jurisdiction.

Column 16: Reflects the year to date, percentage of life threatening fire type calls which meet or exceed the National Standard.

Column 17: Reflects the year to date, percentage of calls which are "fire type" calls.

Column 18: Reflects the year to date, percentage of call which are "EMS" calls.

Column 19: Reflects the year to date number of Fire Alarms within each jurisdiction.

Column 20: Reflects the percentage of fire type calls which are fire alarms.

Village Fire Department



901 Corbindale Rd
Houston, Texas 77024
(713) 468-7941
(713) 468-5039 FAX

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SPRING VALLEY VILLAGE

Ms. Wendy Bambridge, City of Hedwig Village
Ms. Susan Blevins, City of Hilshire Village
Mr. Tom Fullen, City of Hunters Creek Village
Ms. Karen Farris, City of Piney Point Village
Ms. Julie Robinson, City of Spring Valley
Ms. Karen Glynn, City of Bunker Hill Village

CC: Village Fire Department Commissioner and Alternates

9/13/2022

Amendment to 2022 budget

Consider the following item to be placed on your agenda. Copies for your VFD Commissioner/Alternate are included in the email. If you have any questions or need anything else, please let me know.

During a special meeting on September 6, 2022, a Motion to amend the 2022 budget to move an amount of \$150,000 from the ambulance billing fund revenue to a budgeted line item for protective gear, increasing said line item from \$26,000 to \$176,000 in order to replace bunker gear that has PFAS with the proviso that the amendment will not increase the Cities' assessment but will be funded by the current ambulance billing revenue funds.

Thank you,

Marlo Longoria



Joint Statement Regarding

PFAS in Fire Fighter Turnout Gear



The International Association of Fire Fighters (IAFF) and Metropolitan Fire Chiefs Association (Metro Chiefs) have come together to notify members of the adverse health risks from fire fighter turnout gear.

Recent studies have shown that all three layers of fire fighter turnout gear contain Per and Polyfluoroalkyl Substances (PFAS), a class of fluorinated chemicals known as “forever chemicals” which have been linked to cancer and other serious health effects.^{1,2} These studies highlight the risks associated with the materials and finishes used in turnout gear even before it is exposed to its first fire.

Identifying safe and effective PFAS-free materials for turnout gear is a long and challenging process. Until PFAS is fully removed from turnout gear, the IAFF and Metro Chiefs are asking fire fighters to reduce exposure to PFAS in turnout gear by using the following precautions:

- Turnout gear should NOT be taken into firehouse living areas.
- When transporting gear in personal vehicles, it should be in a sealed container or bag, and preferably NOT transported in the passenger compartment.
- Apparatus cabs should be cleaned regularly and after every fire.
- Wash your hands after handling turnout gear.
- Legacy turnout gear should be replaced as new PFAS-free technologies become available.
- Do not wear turnout gear on responses where this level of protection is not necessary.*

The IAFF has been working with researchers, advocacy groups, industry stakeholders, and legislative leaders to help address this issue and remove harmful substances from protective equipment. The IAFF has also recently partnered with the American Cancer Society and hired its first ever Chief Medical Officer to expand cancer research.

Both the IAFF and Metro Chiefs are dedicated to removing PFAS chemicals from turnout gear. The joint efforts will take place before regulatory bodies and in continuing discussions with manufacturers in the critical initiative of eliminating PFAS “forever chemicals” from turnout gear.

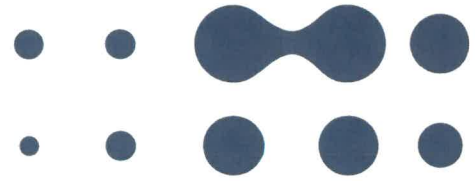
The International Association of Fire Fighters and the Metropolitan Fire Chiefs Association stand shoulder to shoulder in our combined efforts to rid occupational cancer from the fire service. The time has long passed for occupational cancer to be accepted as “part of the job.” You can do your part, and we urge you to take these steps to reduce your exposure.

We must raise our collective voices and diligently work toward a day when firefighting gear will not be a source of fire fighter illness.

**Wearing all PPE and SCBA during firefighting, overhaul, and while working in smoke is still the best first line of defense when it comes to limiting exposures to fireground contaminants. Following any exposure to the products of combustion, all PPE should be cleaned in accordance with NFPA 1851 to reduce cross-contamination and further exposure.*

References

1. Muensterman DJ, Titaley IA, Peaslee GF, Minc LD, Cahuas L, Rodowa AE, Horiuchi Y, Yamane S, Fouquet TNJ, Kissel JC, Carignan CC, Field JA. Disposition of Fluorine on New Firefighter Turnout Gear. *Environ Sci Technol*. 2022 Jan 18;56(2):974-983
2. Peaslee, G. F.; Wilkinson, J. T.; McGuinness, S. R.; Tighe, M.; Caterisano, N.; Lee, S.; Gonzales, A.; Roddy, M.; Mills, S.; Mitchell, K. Another Pathway for Firefighter Exposure to Per- and Polyfluoroalkyl Substances: Firefighter Textiles. *Environ. Sci. Technol. Lett*. 2020, 7, 594–599.
3. Environmental Protection Agency: <https://www.epa.gov/pfas/pfas-explained>
4. Centers for Disease Control and Prevention: https://www.cdc.gov/biomonitoring/PFAS_FactSheet.html
5. Agency for Toxic Substance and Disease Registry: <https://www.atsdr.cdc.gov/pfas/activities/assessments.html>
6. IAFF Position on PFAS: <https://www.iaff.org/news/statement-from-iaff-general-president-edward-a-kelly-on-pfas-lawsuits>



PRESS RELEASE No. 317

1 July 2022

IARC Monographs evaluate the carcinogenicity of occupational exposure as a firefighter

Lyon, France, 1 July 2022 – The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), has evaluated the carcinogenicity of occupational exposure as a firefighter.

A Working Group of 25 international experts, including 3 Invited Specialists, from 8 countries was convened by the *IARC Monographs* programme for a meeting in Lyon.

After thoroughly reviewing the available scientific literature, the Working Group classified occupational exposure as a firefighter as *carcinogenic to humans* (Group 1), on the basis of *sufficient evidence* for cancer in humans.

A summary of the final evaluations has now been published online in *The Lancet Oncology*.¹ The detailed assessment will be published in 2023 as Volume 132 of the *IARC Monographs*.

Evidence for cancer in humans

Occupational exposure as a firefighter causes cancer. There was *sufficient evidence* for cancer in humans for the following cancer types: mesothelioma and bladder cancer.

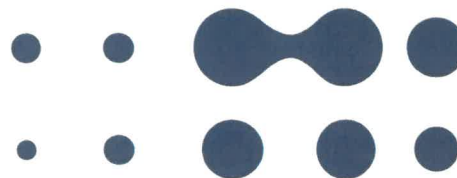
There was *limited evidence* for cancer in humans for the following cancer types: colon cancer, prostate cancer, testicular cancer, melanoma of the skin, and non-Hodgkin lymphoma.

Strong mechanistic evidence

There was *strong* mechanistic evidence in exposed humans that occupational exposure as a firefighter exhibits 5 of the 10 key characteristics (KCs) of carcinogens:² “is genotoxic” (KC2), “induces epigenetic alterations”, (KC4), “induces oxidative stress” (KC5), “induces chronic inflammation” (KC6), and “modulates receptor-mediated effects” (KC8).

¹ Demers P, DeMarini D, Fent K, Glass D, Hansen J, Adetona O, et al. (2022). Carcinogenicity of occupational exposure as a firefighter. *Lancet Oncol*, Published online 30 June 2022; [https://doi.org/10.1016/S1470-2045\(22\)00390-4](https://doi.org/10.1016/S1470-2045(22)00390-4)

² Evaluating carcinogen mechanisms is a challenging part of hazard identification, because the data on this topic are abundant and diverse. An evaluation approach based on 10 key characteristics of human carcinogens (doi: [10.1158/1055-9965.epi-19-1346](https://doi.org/10.1158/1055-9965.epi-19-1346)) provides a holistic and unbiased way to tackle this challenge. The key characteristics of carcinogens were introduced to facilitate systematic consideration of mechanistic evidence in *IARC Monographs* evaluations.



Exposure of firefighters

There are more than 15 million firefighters worldwide. The term “firefighters” encompasses a heterogeneous group of paid and unpaid workers in industrial, municipal, and wildland settings, at the wildland–urban interface, and in other situations. In some settings, firefighting exposures have become more prevalent over time, because of the impacts of climate change.

Firefighters respond to various types of fire, such as structure, wildland, and vehicle fires, as well as other events (e.g. vehicle accidents and building collapses).

Firefighters are exposed to a complex mixture of combustion products from fires (e.g. polycyclic aromatic hydrocarbons, volatile organic compounds, metals, and particulates), diesel exhaust, building materials (e.g. asbestos), and other hazards (e.g. heat stress, shift work, and ultraviolet and other radiation). In addition, the use of flame retardants in textiles and of persistent organic pollutants (e.g. per- and polyfluorinated substances) in firefighting foams has increased over time.

This mixture may include many agents already classified by the *IARC Monographs* programme in Group 1 (*carcinogenic to humans*), Group 2A (*probably carcinogenic to humans*), and Group 2B (*possibly carcinogenic to humans*). Dermal exposure, inhalation, and ingestion are common routes of exposure, and biomarker studies among firefighters have found enhanced levels of markers of exposure to polycyclic aromatic hydrocarbons, flame retardants, and persistent organic pollutants.

IARC Monographs classification

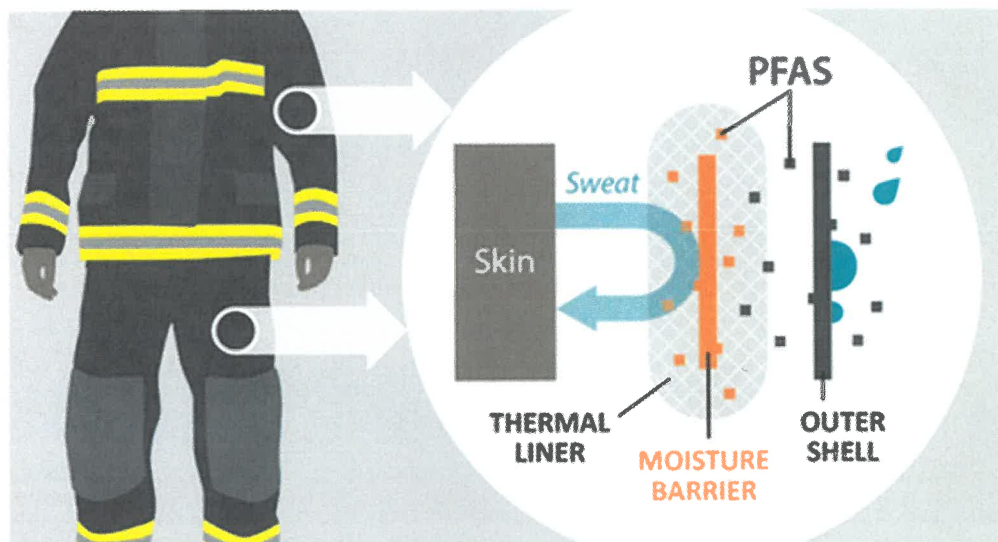
The *IARC Monographs* classification indicates the strength of the evidence that a substance or agent can cause cancer. The *IARC Monographs* programme seeks to identify cancer hazards, meaning the potential for the exposure to cause cancer. However, the classification does not indicate the level of cancer risk associated with exposure at different levels or in different scenarios. The cancer risk associated with substances or agents that are assigned the same classification may be very different, depending on factors such as the type and extent of exposure and the size of the effect of the agent at a given exposure level.

For more information, please contact:

Véronique Terrasse, Communications Team, at +33 (0)6 45 28 49 52 or terrassev@iarc.fr
or IARC Communications, at com@iarc.fr

The International Agency for Research on Cancer (IARC) is part of the World Health Organization. Its mission is to coordinate and conduct research on the causes of human cancer, the mechanisms of carcinogenesis, and to develop scientific strategies for cancer control. The Agency is involved in both epidemiological and laboratory research and disseminates scientific information through publications, meetings, courses, and fellowships. If you wish your name to be removed from our press release emailing list, please write to com@iarc.fr.

Abstract



Occupational exposure to aqueous film-forming foams (AFFF) can lead to elevated concentrations of per- and polyfluorinated alkyl substances (PFAS) in firefighter blood sera. AFFF are also one exposure source of PFAS in the general population because of their environmental persistence and solubility in groundwater. Because of the documented adverse health effects of PFAS, the primary concern to date in the fire services has centered on repeated use and exposure to AFFF. In this work, an additional PFAS exposure source for firefighters is presented: PFAS that are shed from their protective clothing. Textiles used as firefighter turnout gear were found to have high levels of total fluorine (up to 2%), and individual PFAS were identified and measured on new and used firefighting turnout gear. Used gear showed lower levels of PFAS as well as an increased migration into untreated material. A dust measurement from a textile storage area also suggests direct loss of PFAS from the fluoropolymers in the textiles. Because PFAS that are shed from the textiles used in turnout gear are more mobile, they represent another viable exposure source for firefighters that warrants further study.

<file:///U:/Turnout%20Gear%20Material/Another%20Payway%20for%20Firefighter%20exposure%20to%20PFAS%20Substances.html>



National Biomonitoring Program

Per- and Polyfluorinated Substances (PFAS) Factsheet

The per- and polyfluoroalkyl substances (PFAS) are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Fluoropolymer coatings can be in a variety of products. These include clothing, furniture, adhesives, food packaging, heat-resistant non-stick cooking surfaces, and the insulation of electrical wire. Many PFAS, including perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), are a concern because they:

- do not break down in the environment,
- can move through soils and contaminate drinking water sources,
- build up (bioaccumulate) in fish and wildlife.

PFAS are found in rivers and lakes and in many types of animals on land and in the water.

PFAS Exposure in People

PFAS persist in the environment and exposure in people can occur by consuming PFAS-contaminated water or food. Exposure may happen by using products that contain PFAS.

How PFAS Affect People's Health

Human health effects from exposure to low environmental levels of PFAS are uncertain. Studies of laboratory animals given large amounts of PFAS indicate that some PFAS may affect growth and development. In addition, these animal studies indicate PFAS may affect reproduction, thyroid function, the immune system, and injure the liver. Epidemiologic studies on PFAS exposure evaluated several health effects. Descriptions of these studies are available at: <https://www.atsdr.cdc.gov/pfas/>. More research is necessary to assess the human health effects of exposure to PFAS.

Levels of PFAS in the U.S. Population

Since 1999, CDC scientists have measured at least 12 PFAS in blood serum (the clear portion of blood). Blood serum is obtained from participants, aged 12 years and older, who have taken part in the National Health and Nutrition Examination Survey (NHANES) (Fourth National Report on Human Exposure to Environmental Chemicals, Updated Tables). By measuring PFAS in serum, scientists can estimate the amount of PFAS in people's bodies.

CDC scientists found four PFAS (PFOS, PFOA, PFHxS or perfluorohexane sulfonic acid, and PFNA or perfluorononanoic acid) in the serum of nearly all of the people tested. This indicates widespread exposure to these PFAS in the U.S. population. The data tables showing results since 1999 are available here: <https://www.cdc.gov/exposurereport/>.

Finding a measurable amount of PFAS in serum does not imply that the levels of PFAS cause an adverse health effect. Biomonitoring studies on levels of PFAS provide physicians and public health officials with reference values. These reference values can determine whether people have been exposed to higher levels of PFAS than the general population. Biomonitoring data also help scientists plan and conduct research on exposure and health effects.

Additional Resources

Agency for Toxic Substances and Disease Registry

- [Toxicological Profile for Perfluoroalkyls](#)
- [Information about Per- and Polyfluoroalkyl Substances and Your Health](#)

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Disposition of Fluorine on New Firefighter Turnout Gear

Derek J. Muensterman, Ivan A. Titaley, Graham F. Peaslee, Leah D. Minc, Liliana Cahuas, Alix E. Rodowa, Yuki Horiuchi, Shogo Yamane, Thierry N.J. Fouquet, John C. Kissel, Courtney C. Carignan, and Jennifer A. Field*

✓ **Cite this:** *Environ. Sci. Technol.* 2022, 56, 2, 974–983

Publication Date: December 27, 2021 ✓

<https://doi.org/10.1021/acs.est.1c06322>

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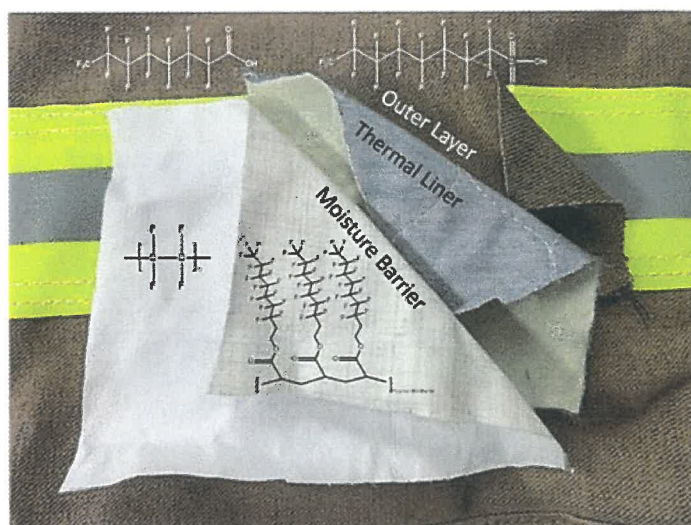


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Firefighter turnout gear is essential for reducing occupational exposure to hazardous chemicals during training and fire events. Per- and polyfluoroalkyl substances (PFASs) are observed in firefighter serum, and possible occupational sources include the air and dust of fires, aqueous film-forming foam, and turnout gear. Limited data exist for nonvolatile and volatile PFASs on firefighter turnout gear and the disposition of fluorine on the individual layers of turnout gear. Further implications for exposure to fluorine on turnout gear are not well understood. Three unused turnout garments purchased in 2019 and one purchased in 2008, were analyzed for 50 nonvolatile and 15 volatile PFASs by liquid chromatography quadrupole time-of-flight mass spectrometry (LC-qTOF-MS) and gas chromatography–mass spectrometry (GC–MS), respectively. Particle-induced gamma ray emission (PIGE), a surface technique, and instrumental neutron activation analysis (INAA), a bulk technique, were used to measure total fluorine. Bulk characterization of the layers by pyrolysis-GC/MS (py-GC/MS) was used to differentiate fluoropolymer (e.g., PTFE) films from textile layers finished with side-chain polymers. The outer layer, moisture barrier, and thermal layers of the turnout gear all yielded measured concentrations of volatile PFASs that exceeded nonvolatile PFAS concentrations, but the summed molar concentrations made up only a small fraction of total fluorine (0.0016–6.7%). Moisture barrier layers comprised a PTFE film, as determined by py-GC–MS, and gave the highest individual nonvolatile (0.159 mg F/kg) and volatile PFAS (20.7 mg F/kg) as well as total fluorine (122,000 mg F/kg) concentrations. Outer and thermal layers comprised aromatic polyamide-based fibers (aramid) treated with side-chain fluoropolymers and had lower levels of individual nonvolatile and volatile PFASs. Equal concentrations of total fluorine by both PIGE and INAA on the outer and thermal layers is consistent with treatment with a side-chain fluoropolymer coating. New turnout gear should be examined as a

KEYWORDS: firefighter turnout gear, side-chain fluoropolymer, PFAS, total fluorine, PTFE, meta- and 

Supporting Information

The Supporting Information is available free of charge at <https://pubs.acs.org/doi/10.1021/acs.est.1c06322>.

- Analytical method description; results of analytical performance for LC, GC, PIGE, and INAA; list of target nonvolatile and volatile PFAS analytes; list of suspect volatile PFAS analytes; whole method precision; nonvolatile PFAS surrogate standard recovery on blank, matrix blank, samples, and matrix spike; sublayers from FF layers and the amount analyzed by py-GC/MS; target PFCA, suflonate (PFS), miscellaneous electrofluorination (ECF) PFAS, and miscellaneous telomer PFAS concentrations; target and suspect FTOHs, Me- and Et-FOSA, MeFASE, EtFASEs, FTAcS, and FTMAcS concentrations; total fluorine concentrations by PIGE and INAA; workflow schematic for comparison by spectral contrast angles of pyGC/MS analysis; frequency of detection for nonvolatile and volatile PFASs in all firefighter turnout gear pants; similarity between the py-GC/MS profiles of a sample and a standard by spectral contrast angle; $-(CF_2)_n-$ extracted profile; mass spectrum; remainders of $-(CF_2)_n-$ extracted profiles; theoretical PTFE film concentration calculation; fraction of the PTFE film on the MB layer; total weight percent of F on non-PTFE layers; and conversion from $\mu\text{g}/\text{m}^2$ to ng/g ([PDF](#))

Supporting Information

Disposition of Fluorine on New Firefighter Turnout Gear

Derek J. Muensterman^a, Ivan A. Titaley^b, Graham F. Peaslee^c, Leah D. Minc^d, Lilian Cahuas^a, Alix E. Rodowa^e, Yuki Horiuchi^f, Shogo Yamane^f, Thierry N.J. Fouquet^f, J Kissel^g, Courtney C. Carignan^h, Jennifer A. Field^b

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Disposition of Fluorine on New Firefighter Turnout Gear

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Table of Contents	Page
Analytical methods description	S3-S5
Results of analytical performance for LC, GC, PIGE and INAA	S5
Table S1: List of target non-volatile PFAS analytes	S6-S7
Table S2: List of target volatile PFAS analytes	S8
Table S3: List of suspect volatile PFAS analytes	S9
Table S4: Whole method precision (% RSD), whole method accuracy (% average recovery), method LOD, and method LOQ (non-volatile PFAS)	S10-S11
Table S5: Non-volatile PFAS surrogate standards recovery on blank, matrix blank, samples, and matrix spike	S12
Table S6: Whole method precision (% RSD), whole method accuracy (% average recovery), method LOD, and method LOQ (volatile PFAS)	S13
Table S7: Sublayers from FF layers and amount analyzed by py-GC/MS	S14
Table S8: Target perfluorocarboxylates (PFCA) concentrations	S15
Table S9: Target perfluoroalkyl sulfonates (PFS) concentrations	S16
Table S10: Target Miscellaneous Electrofluorination (ECF) PFAS concentrations	S17
Table S11: Target Miscellaneous Telomer PFAS concentrations	S18

Table S12: Target and suspect FTOHs, Me- and Et-FOSA, and N-Methyl Perfluoroalkane Sulfonamidoethanol (MeFASEs) concentrations	S19
Table S13: Target and suspect N-Ethyl Perfluoroalkane Sulfonamidoethanol (EtFASEs), FTAcS, and FTMAcS concentrations	S20
Table S14: Total fluorine concentrations by PIGE and INAA.	S21
Figure S1: Workflow schematic for comparison by spectral contrast angles of py-GC/MS Analysis	S22
Figure S2: Frequency of Detection for Non-volatile and Volatile PFAS in all firefighter turnout gear pants	S23
Figure S3: Similarity between the py-GC/MS profiles of a sample and a standard by spectral-contrast-angle	S24
Figure S4: $-(CF_2)_n$ - extracted profile from FF1-MB black sublayer vs. PTFE standard	S24
Figure S5: Mass spectrum from the $-(CF_2)_n$ - extracted FF1-MB black fabric sublayer and PTFE standard	S25
Figure S6: Reminders of $-(CF_2)_n$ - extracted profiles from FF1-MB white fabric sublayer vs. meta-aramid standard	S25
Figure S7: $-(CF_2)_n$ - extracted profile from FF1-OU	S25
Figure S8: Reminders of $-(CF_2)_n$ - extracted profiles from FF1-OU black yarn sublayer vs. para-aramid standard	S26
Figure S9: $-(CF_2)_n$ - extracted profile from FF1-TL white yarn sublayer	S26
Figure S10: Reminders of $-(CF_2)_n$ - extracted profiles from FF1-TL white yarn sublayer vs. meta- and para-aramid standards	S26
Equation S1: Theoretical PTFE film concentration calculation	S27
Equation S2: Fraction of PTFE film on MB layer	S27
Equation S3: Total weight percent of F on non-PTFE layer	S27
Equation S4: Conversion from $\mu\text{g}/\text{m}^2$ to ng/g	S27

Experimental Methods

Standards and Reagents. For LC-MS/MS analysis, HPLC grade water (>99%, high purity, Burdick and Jackson brand) was purchased from Fisher Scientific (Hampton, NH). Ammonium acetate (regent grade, Macrom Chemicals) was purchased from VWR (Radnor, PA). Methanol (>99%, LC/MS grade) was purchased from Fisher Scientific (Hampton, NH). Ethylene Glycol (ReagentPlus® ≥99%) was purchased from Sigma-Aldrich (St. Louis, MO). For GC-MS analysis, methanol (≥99.5%, pesticide residue analysis grade) was purchased from VWR (Radnor, PA).

Non-volatile PFAS Analysis by Liquid Chromatography Quadrupole Time of Flight.

Extraction of PFAS from firefighter turnout gear followed a similar procedure as used in Robel et al.¹ Sample preparation consisted of using methanol-rinsed scissors to cut 2 × 2 cm² pieces of material in order to allow free movement of the material within the centrifuge tube. 0.9 ng of each mass-labeled surrogate were spiked into all 15 mL polypropylene tubes (Fisher Brand, Disposable Centrifuge Tube, 15 mL plug seal cap, Cat. No. 05-539-4) prior to extraction. Methanol (MeOH) was heated to 60-65°C in a water bath prior to extraction. A glass Pasteur pipette (Fisherbrand 5 3/4 " Disposable Pasteur Pipets, Cat. No. 13-678-20A) was used to aliquot 3.3 mL of MeOH into a 10 mL graduated cylinder and transferred to a material sample tube. The 15 mL centrifuge tubes were immediately capped to prevent loss of solvent. Following the 3.3 mL aliquots of MeOH, each tube was placed on a wrist action shaker at a 10° rotation for ten min (Burrell, Model 75, Pittsburgh, PA). Samples were then centrifuged (Thermo Scientific, model Sorvall Legend X1, Waltham, Massachusetts) at 2808g for ten min at ambient temperature. Supernatant was transferred to the second centrifuge tube. The extraction was repeated twice more for a target total volume of 10 mL. Extracts were frozen overnight in a -20°C freezer in order to precipitate any other particulate matter remaining in the extract. Extracts were taken out of the freezer and centrifuged at 2808g for ten min, after which 30 µL of ethylene glycol was added to each centrifuge tube and concentrated under nitrogen to a final volume of 150 µL. Analysis consisted of a 50 µL aliquot of each extract into 300 µL conical vials (VWR, PP Vial Clear, 9-425 screw thread 300 µL) with 0.30 ng of each mass-labelled internal standard. Extracts were stored at -20°C until analysis.

Chromatographic separations were achieved using an Agilent 1260 HPLC (Santa Clara, CA). Aliquots of 100 µL were injected onto a Zorbax Eclipse XDB-C8 (4.6 x 20 mm, 3.5 µm) guard column fitted with a Zorbax Eclipse Plus analytical column (4.6 x 75 mm, 3.5µm; Agilent) as modified after Backe et al.² The aqueous mobile phase (A) was 10 mM ammonium acetate (Fisher Scientific) in 3% v/v HPLC-grade methanol in HPLC-grade water and the organic mobile phase (B) was HPLC-grade MeOH.

A SCIEX X500R QToF-MS/MS system (Framingham, MA) was operated in negative mode and in electrospray ionization (ESI-) mode. Data were collected under SWATH® data-independent acquisition for both TOF-MS and MS/MS modes. PFBA and MPFBA were analyzed in MS/MS mode to reduce background. Over the entirety of the data acquisition period, precursor ion data (TOF-MS) were collected over an m/z range of 100 Daltons (Da; TOF start mass) to 1250 Da (TOF stop). The accumulation time was 200 ms and the ion spray voltage was -4500 V. The source and gas parameters included: a source temperature of 550 °C, ion source gasses at 60 psi, curtain gas at 35 psi, and collision gas at 10 psi. The declustering potential was -20 V (with 0 V spread) and the collision energy was -5 V (with 0 V spread). Product ion scan (TOF-MS/MS) data were collected for a m/z range from 50 Da (TOF start mass) to 1200 Da. The accumulation time for each SWATH® window was 50 ms.

Method accuracy and precision were determined by spiking four replicate blank polyethylene (PE) films with 2.25 ng of all target analytes (Table S1) and extracted as outlined above. Polyethylene (PE) film was used as representative sample due to the difficulty in finding non-fluorinated durable water repellent fabric. To provide a measure of precision on an actual firefighter layer, FF1-OU was extracted and analyzed in quadruplicate. The method limits of detection (LOD) was determined according to Vial and Jardy.³ Ten 2 × 2 cm² PE films were spiked with all non-

volatile target analytes ranging between 0.0045 to 0.45 ng and extracted and analyzed as described above. The method LOD was calculated based on linear regression with 1/x weighting and method limits of quantification (LOQ) was calculated by multiplying method LOD with 3.3.

Volatile PFAS Analysis by Gas Chromatography-Mass Spectrometry. Extraction of volatile PFAS from firefighter turnout gear followed the same procedure as used in Rewerts et al.⁴ with a few modifications. Sample preparation consisted of using MeOH-rinsed scissors to cut $1.5 \times 1.5 \text{ cm}^2$ pieces of material. Samples were weighed and placed in 1.5 mL autosampler vials, MeOH was added, internal standards were spiked, and vials were sonicated for 30 min at 25°C. The samples were directly analysed without any further clean-up.

Sample extracts were analysed using GC-concurrent solvent recondensation large volume splitless injection coupled with mass spectrometry using 10 μL of the extracts injected in splitless mode with inlet temperature of 280°C. A 4 mm i.d. single taper Topaz inlet liner with 15 mg deactivated quartz wool (Restek, Bellefonte, PA) was used. Helium was used as the carrier gas in a constant flow mode of 1.0 mL/min. Separations were performed using an Agilent deactivated, fused silica tubing capillary column (5 m $\times$ 0.53 mm i.d.) connected to a Restek Rxi-624Sil MS capillary column (30 m $\times$ 0.25 mm i.d., 1.40 μm film thickness). The GC oven temperature program was as follows: 50°C for 2.0 min, ramped to 188°C at a rate of 5.0°C/min, then ramped to 250°C at a rate of 15°C/min. The Agilent 6890 GC was connected to an Agilent 5973N MS that was operated in positive chemical ionization mode in selected ion monitoring mode with methane as the reagent gas at a flow rate of 1 mL/min.

Method accuracy and precision for volatile PFAS were determined by spiking three PE film replicates to give a final concentration of 50 pg/ μL of FTOHs, FOSAs, and FOSEs target analytes and 5.0 pg/ μL of FTACs and FTMAs target analytes. Triplicate samples of FF1-OU were extracted to obtain a measure precision for an actual firefighter layer. The method LOD for volatile PFAS was determined according to Vial and Jardy.³ Ten $1.5 \times 1.5 \text{ cm}^2$ PE films were spiked with target volatile PFAS ranging between 0.037 to 150 ng of FTOHs, FOSAs, FOSEs and 0.00075 to 15 ng of FTACs and FTMAs, and were extracted and analyzed as described above. Method LOD and LOQ were calculated as described above.

Total Fluorine by Particle-Induced Gamma Ray Emission. In Rodowa et al., an inorganic fluorine calibration curve was used to determine the total fluorine in materials.⁵ However, in this study, was determined based on an organic fluorine calibration curve. The total fluorine in nmol F/ cm^2 obtained from the conversion with organic fluorine calibration curve were compared with total fluorine in nmol F/ cm^2 obtained based on the inorganic fluorine calibration curve and density of the materials. The ratio of the total fluorine between the organic and inorganic calibration curves ranged from 0.1 to 22 $\times$.

Total Fluorine Analysis by Instrumental Neutron Activation Analysis. Decay time varied according to the initial level of F activity in the sample, and ranged from ca. 25-60 s. Detector dead times were often quite high due to the presence of other short half-life isotopes, potentially leading to peak broadening; accordingly, peak area calculations were verified through interactive peak-fitting. Element concentrations were determined through direct comparison with the standards based on decay-corrected activities of the 1633.6 keV peak. Possible interferences to this peak from the fast neutron reaction $^{23}\text{Na}(n,\alpha)^{20}\text{F}$ were evaluated using the average of two replicates of a single-element Na standard. The measured ratio of interference at 1633.6 keV to the characteristic 1368.6 keV γ -ray peak for Na was used to correct interference in the samples; interference corrections ranged from <1% to 6%.

Bulk Characterization by Pyrolysis-GC/MS. The pyrolyser temperature was set at 600°C. The oven temperature initially set at 40°C was linearly increased at 20°C/min up to 320 °C and maintained for 14 min (total experiment time: 30 min). Mass spectra were recorded using a JMS-T200GC mass spectrometer (JEOL, Japan) equipped with an electron ionization (EI) source and a high-resolution time-of-flight mass analyzer with ~ 1.9 scans per second (TOF, resolving power ~ 10

000 for $m/z < 1000$). The instrument is routinely calibrated using the EI mass spectrum of perfluorotributylamine (19 peaks between m/z 69 and m/z 614) and fine-tuned using a peak from 1,3-dibromotetrafluorobenzene standard at m/z 305.8297 before analyzing the samples. Errors of mass measurements that may gradually occur during py-GC/MS measurements are corrected using the peak from hexamethylcyclotrisiloxane at m/z 207.0324 continually detected as a background signal due to column bleed.

Procedure for extraction of $-(CF_2)_n$ - series and similarity. The $-(CF_2)_n$ - extracted profile for the black coating from FF1 MB displays an intense and broad peak at the early elution times while very minor peaks are barely visible in the $-(CF_2)_n$ - extracted profile for the white fabric. Artifact peaks are due to background signals of very low abundance in the mass spectra which are spaced by only one ~ 49.9968 Da from more intense signals but which cannot be considered as true $(CF_2)_n$ series due to the absence of congener.

Similarity between the py-GC/MS profiles of a sample and a standard. Chosen criteria: spectral-contrast angle “ Θ ” (angle between two mass spectra considered as vectors)⁶; $\Theta = 0^\circ \rightarrow$ perfectly aligned vectors $\rightarrow$ identical mass spectra; $\Theta = 90^\circ \rightarrow$ fully orthogonal vectors $\rightarrow$ completely different mass spectra.

Implementation in kendo for py-GC/MS profiles. Concatenation of scans from one profile using a user-defined width generating a summed mass spectrum to overcome the inevitable variations of retention time from one experiment to another for the same chemical (intrinsic variability of a device) in replacement of the retention time shifting⁷. Chosen width for all the profiles: 0.03 min corresponding to 3 scans, 1160 summed mass spectra for each py-GC/MS profile. Calculation of the 1160 spectral-contrast-angles “ Θ ” between the summed mass spectra from the py-GC/MS profile of the sample and the standard. Grouping of the summed mass spectra by their Θ angle if inferior to a chosen criterion to recover a list of highly similar py-GC peaks and mass spectra. Chosen criterion of high similarity: $\Theta \leq 5^\circ$. A summed mass spectrum from the combined scans with Θ angles $< 5^\circ$ is finally computed for the two py-GC/MS profiles of the sample and the standard. For sake of simplicity the mass spectra of the matching GC peaks are not presented – data available upon request.

Results and Discussion

Non-volatiles Extraction and Analysis by LC-qTOF. Method accuracy for non-volatile PFAS ranged between 41 and 310%, while method precision ranged between 1.2 and 61% (Table S4). FF1-OU precision ranged between 44-122%. Internal standard recovery ranged between 29-120% and 33-130% for MPFOA and MPFOS, respectively (Table S5). Method LOD ranged from 0.0099 to $0.18 \mu\text{g}/\text{m}^2$ and method LOQ ranged from 0.033 – $0.58 \mu\text{g}/\text{m}^2$ (Table S4).

Volatiles Extraction and Analysis by GC-MS. Method accuracy for volatile PFAS ranged between 28 and 120%, while method precision ranged between 0.36 and 4.4% (Table S4). FF1-OU precision ranged between 13 – 22%. Method LOD for volatile PFAS ranged between 0.21 and $8.2 \mu\text{g}/\text{m}^2$ and method LOQ ranged between 0.7 and $27 \mu\text{g}/\text{m}^2$ (Table S6).

Total Fluorine Analysis by PIGE. The accuracy of PIGE ranged between 96 and 106%, while the precision was determined to be $\pm 5.4\%$.⁸ The method quantification limit for PIGE was 16.2 ppm F.⁸

Total Fluorine Analysis by INAA. INAA precision, determined based on the CaF_2 standards, was calculated to be 0.7%. Detection limits for fluorine by INAA are strongly dependent on sample matrix and are adversely affected by the presence of other short half-life isotopes, notably ^{28}Al , ^{38}Cl , and/or ^{80}Br . In the absence of high background counts, an F concentration of 13 ± 5 ppm was detected in a 1.4 g sample.

Table S1: List of target non-volatile PFAS analytes.¹

Analyte	Acronym	Neutral Molecular Formula	Surrogate Standard
Perfluoro-n-butanoic acid	PFBA ²	C ₄ HO ₂ F ₇	MPFBA
Perfluoro-n-pentanoic acid	PFPeA	C ₅ HO ₂ F ₉	M3PFPeA
Perfluoro-n-hexanoic acid	PFHxA	C ₆ HO ₂ F ₁₁	M2PFHxA
Perfluoro-n-heptanoic acid	PFHpA	C ₇ HO ₂ F ₁₃	M4PFHpA
Perfluoro-n-octanoic acid	PFOA	C ₈ HO ₂ F ₁₅	M4PFOA
Perfluoro-n-nonanoic acid	PFNA	C ₉ HO ₂ F ₁₇	M5PFNA
Perfluoro-n-decanoic acid	PFDA	C ₁₀ HO ₂ F ₁₉	MPFDA
Perfluoro-n-undecanoic acid	PFUDa	C ₁₁ HO ₂ F ₂₁	MPFUDa
Perfluoro-n-dodecanoic acid	PFDoA	C ₁₂ HO ₂ F ₂₃	MPFDoA
Perfluoro-n-tridecanoic acid	PFTTrDA	C ₁₃ HO ₂ F ₂₅	MPFDoA
Perfluoro-n-tetradecanoic acid	PFTeDA	C ₁₄ HO ₂ F ₂₇	M2PFTeDA
Perfluoro-n-hexadecanoic acid	PFHxDA	C ₁₆ HO ₂ F ₃₁	M2PFHxDA
Perfluoropropane sulfonate	PFPrS	C ₃ HO ₃ SF ₇	M3PFBS
Perfluorobutane sulfonate	PFBS	C ₄ HO ₃ SF ₉	M3PFBS
Perfluoropentane sulfonate	PFPeS	C ₅ HO ₃ SF ₁₁	M3PFBS
Perfluorohexane sulfonate	PFHxS	C ₆ HO ₃ SF ₁₃	MPFHxS
Perfluoroheptane sulfonate	PFHpS	C ₇ HO ₃ SF ₁₅	MPFHxS
Perfluorooctane sulfonate	PFOS	C ₈ HO ₃ SF ₁₇	MPFOS
Perfluorononane sulfonate	PFNS	C ₉ HO ₃ SF ₁₉	MPFOS
Perfluorodecane sulfonate	PFDS	C ₁₀ HO ₃ SF ₂₁	MPFOS
Perfluorododecane sulfonate	PFDoS	C ₁₂ HO ₃ SF ₂₅	MPFOS
8-chloro-perfluorooctane sulfonate	Cl-PFOS	C ₈ HClF ₁₆ SO ₃	MPFOS
Perfluoroethylcyclohexane sulfonate	PFEtCHxS	C ₈ HO ₃ SF ₁₅	MPFHxS
Perfluorobutane sulfonamide	FBSA	C ₄ H ₂ O ₂ NSF ₉	M8FOSA
Perfluorohexane sulfonamide	FHxSA	C ₆ H ₂ O ₂ NSF ₁₃	M8FOSA
Perfluorooctane sulfonamide	FOSA	C ₈ H ₂ O ₂ NSF ₁₇	M8FOSA
N-methylperfluoro-1-octane sulfonamide	MeFOSA	C ₉ H ₄ O ₂ NSF ₁₇	d-N-MeFOSA-M
N-ethylperfluoro-1-octane sulfonamide	EtFOSA	C ₁₀ H ₆ O ₂ NSF ₁₇	d-N-EtFOSA-M
Perfluorooctane sulfonamido acetic acid	FOSAA	C ₁₀ H ₄ O ₄ NSF ₁₇	d ₃ -N-MeFOSAA
N-methylperfluorooctane sulfonamido acetic acid	MeFOSAA	C ₁₁ H ₆ O ₄ NSF ₁₇	d ₃ -N-MeFOSAA
N-ethylperfluorooctane sulfonamido acetic acid	EtFOSAA	C ₁₂ H ₈ O ₄ NSF ₁₇	d ₅ -N-EtFOSAA
4:2 fluorotelomer sulfonate	4:2 FTS	C ₆ H ₅ O ₃ SF ₉	M2-4:2FTS
6:2 fluorotelomer sulfonate	6:2 FTS	C ₈ H ₅ O ₃ SF ₁₃	M2-6:2FTS
8:2 fluorotelomer sulfonate	8:2 FTS	C ₁₀ H ₅ O ₃ SF ₁₇	M2-8:2FTS
10:2 fluorotelomer sulfonate	10:2 FTS	C ₁₂ H ₅ O ₃ SF ₂₁	M2-8:2FTS
6:2 fluorotelomer carboxylic acid	6:2 FTCA	C ₈ H ₃ O ₂ F ₁₃	M6:2FTA
8:2 fluorotelomer carboxylic acid	8:2 FTCA	C ₁₀ H ₃ O ₂ F ₁₇	M8:2FTA
10:2 fluorotelomer carboxylic acid	10:2 FTCA	C ₁₂ H ₃ O ₂ F ₂₁	M10:2FTA
3:3 fluorotelomer carboxylic acid	3:3 FTCA	C ₆ H ₅ O ₂ F ₇	M6:2FTA

5:3 fluorotelomer carboxylic acid	5:3 FTCA	C ₈ H ₅ O ₂ F ₁₁	M8:2FTA
7:3 fluorotelomer carboxylic acid	7:3 FTCA	C ₁₀ H ₅ O ₂ F ₁₅	M10:2FTA
2H-Perfluoro-2-octenoic acid (6:2)	6:2 UFTCA	C ₈ H ₂ O ₂ F ₁₂	M6:2FTUA
2H-Perfluoro-2-decenoic acid (8:2)	8:2 UFTCA	C ₁₀ H ₂ O ₂ F ₁₆	M8:2FTUA
Dodecafluoro-3H-4,8-dioxanoate	ADONA	C ₇ H ₂ O ₄ F ₁₂	M5PFNA
9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl- PF3ONS	C ₈ HF ₁₆ ClSO ₄	MPFOS
11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11- PF3OUdS	C ₁₀ HF ₂₀ ClSO ₄	MPFOS
hexafluoropropylene oxide-dimer acid	HFPO-DA	C ₆ HF ₁₁ O ₃	MHFPO-DA
bis(1H,1H,2H,2H-perfluorooctyl)phosphate	6:2 diPAP	C ₁₆ H ₉ F ₂₆ O ₄ P	M4 8:2 diPAP
bis(1H,1H,2H,2H-perfluorodecyl)phosphate	8:2 diPAP	C ₂₀ H ₉ F ₃₄ O ₄ P	M4 8:2 diPAP
Bis-[2-(N-ethyleperfluorooctane-1-sulfonamido)ethyl] phosphate	diSAmPAP	C ₂₄ H ₁₉ F ₃₄ N ₂ O ₈ PS ₂	M4 8:2 diPAP

¹[M-H]⁻ adducts were used for quantification

²MRM transitions of 213 → 169 and 217 → 172 were used for quantification of PFBA and MPFBA, respectively, to reduce background.

Table S2: List of target volatile PFAS analytes.

Analyte	Acronym	Neutral Molecular Formula	Surrogate Standard
4:2 fluorotelomer alcohol	4:2 FTOH	C ₆ H ₅ OF ₉	MF BET
6:2 fluorotelomer alcohol	6:2 FTOH	C ₈ H ₅ OF ₁₃	MF HET
8:2 fluorotelomer alcohol	8:2 FTOH	C ₁₀ H ₅ OF ₁₇	M2FOET
10:2 fluorotelomer alcohol	10:2 FTOH	C ₁₂ H ₅ OF ₂₁	MF DET
12:2 fluorotelomer alcohol	12:2 FTOH	C ₁₄ H ₅ OF ₂₅	MF DET
N-methyl perfluoroalkane sulfonamide	MeFOSA	C ₉ H ₄ NO ₂ SF ₁₇	d ₃ -N-MeFOSA-M
N-ethyl perfluoro-1-octane sulfonamide	EtFOSA	C ₁₀ H ₆ NO ₂ SF ₁₇	d ₅ -N-EtFOSA-M
N-methyl perfluorooctane sulfonamidoethanol	MeFOSE	C ₁₁ H ₈ NO ₃ SF ₁₇	d ₇ -N-MeFOSE-M
N-ethyl perfluorooctane sulfonamidoethanol	EtFOSE	C ₁₂ H ₁₀ NO ₃ SF ₁₇	d ₉ -N-EtFOSE-M
4:2 fluorotelomer acrylate	4:2 FTAc	C ₉ H ₇ F ₉ O ₂	d ₃ -6:2 FTAc
6:2 fluorotelomer acrylate	6:2 FTAc	C ₁₁ H ₇ F ₁₃ O ₂	d ₃ -6:2 FTAc
8:2 fluorotelomer acrylate	8:2 FTAc	C ₁₃ H ₇ F ₁₇ O ₂	d ₃ -6:2 FTAc
10:2 fluorotelomer acrylate	10:2 FTAc	C ₁₅ H ₇ F ₂₁ O ₂	d ₃ -6:2 FTAc
6:2 Fluorotelomer methylacrylate	6:2 FTMAc	C ₁₂ H ₉ F ₁₃ O ₂	d ₅ -6:2 FTMAc
8:2 Fluorotelomer methylacrylate	8:2 FTMAc	C ₁₄ H ₉ F ₁₇ O ₂	d ₅ -6:2 FTMAc

Table S3: List of suspect volatile PFAS analytes.

Analyte	Acronym	Neutral Molecular Formula	Surrogate Standard
14:2 fluorotelomer alcohol	14:2 FTOH	C ₁₆ H ₅ OF ₂₉	MFDET
N-methyl perfluoropropane sulfonamidoethanol	MeFPrSE	C ₆ H ₈ NO ₃ SF ₇	d ₇ -N-MeFOSE-M
N-methyl perfluorobutane sulfonamidoethanol	MeFBSE	C ₇ H ₈ NO ₃ SF ₉	d ₇ -N-MeFOSE-M
N-methyl perfluoropentane sulfonamidoethanol	MeFPeSE	C ₈ H ₈ NO ₃ SF ₁₁	d ₇ -N-MeFOSE-M
N-methyl perfluorohexane sulfonamidoethanol	MeFHxSE	C ₉ H ₈ NO ₃ SF ₁₃	d ₇ -N-MeFOSE-M
N-methyl perfluoroheptane sulfonamidoethanol	MeFHpSE	C ₁₀ H ₈ NO ₃ SF ₁₅	d ₇ -N-MeFOSE-M
N-ethyl perfluoroethane sulfonamidoethanol	EtFEtSE	C ₆ H ₁₀ NO ₃ SF ₅	d ₉ -N-EtFOSE-M
N-ethyl perfluoropropane sulfonamidoethanol	EtFPrSE	C ₇ H ₁₀ NO ₃ SF ₇	d ₉ -N-EtFOSE-M
N-ethyl perfluorobutane sulfonamidoethanol	EtFBSE	C ₈ H ₁₀ NO ₃ SF ₉	d ₉ -N-EtFOSE-M
N-ethyl perfluoropentane sulfonamidoethanol	EtFPeSE	C ₉ H ₁₀ NO ₃ SF ₁₁	d ₉ -N-EtFOSE-M
N-ethyl perfluorohexane sulfonamidoethanol	EtFHxSE	C ₁₀ H ₁₀ NO ₃ SF ₁₃	d ₉ -N-EtFOSE-M
N-ethyl perfluoroheptane sulfonamidoethanol	EtFHpSE	C ₁₁ H ₁₀ NO ₃ SF ₁₅	d ₉ -N-EtFOSE-M
4:2 fluorotelomer iodide	4:2 FTI	C ₆ H ₄ F ₉ I	d ₅ -6:2 FTMAc
6:2 fluorotelomer iodide	6:2 FTI	C ₈ H ₄ F ₁₃ I	d ₅ -6:2 FTMAc
8:2 fluorotelomer iodide	8:2 FTI	C ₁₀ H ₄ F ₁₇ I	d ₅ -6:2 FTMAc
10:2 fluorotelomer iodide	10:2 FTI	C ₁₂ H ₄ F ₂₁ I	d ₅ -6:2 FTMAc
Perfluorobutyl iodide	PFBI	C ₄ F ₉ I	d ₅ -6:2 FTMAc
Perfluorohexyl iodide	PFHxI	C ₆ F ₁₃ I	d ₅ -6:2 FTMAc
Perfluorooctyl iodide	PFOI	C ₈ F ₁₇ I	d ₅ -6:2 FTMAc
Perfluorodecyl iodide	PFDI	C ₁₀ F ₂₁ I	d ₅ -6:2 FTMAc
6:2 fluorotelomer olefin	6:2 FTO	C ₈ H ₃ F ₁₃	d ₅ -6:2 FTMAc
8:2 fluorotelomer olefin	8:2 FTO	C ₁₀ H ₃ F ₁₇	d ₅ -6:2 FTMAc
10:2 fluorotelomer olefin	10:2 FTO	C ₁₂ H ₃ F ₂₁	d ₅ -6:2 FTMAc
12:2 fluorotelomer olefin	12:2 FTO	C ₁₄ H ₃ F ₂₅	d ₅ -6:2 FTMAc

Table S4: Whole method precision (% RSD), whole method accuracy (% average recovery), method LOD, and method LOQ based on polyethylene film (sample matrix) spiked with non-volatile PFAS. 5000 ng/L non-volatile PFAS were spiked for whole method precision and whole method accuracy ($n = 4$). 10 – 1000 ng/L non-volatile PFAS were spiked for method LOD ($n = 8$). Method LOQ was calculated by multiplying method LOD with 3.3.

Analyte	Whole method precision (% RSD)	Whole method accuracy (% average recovery)	Method LOD ($\mu\text{g}/\text{m}^2$)	Method LOQ ($\mu\text{g}/\text{m}^2$)
PFBA	6.3	100	0.021	0.07
PFPeA	6.2	86	0.055	0.18
PFHxA	6.1	110	0.044	0.15
PFHpA	6	95	0.037	0.12
PFOA	5	93	0.035	0.12
PFNA	5.5	92	0.043	0.14
PFDA	7.8	120	0.021	0.071
PFUdA	2.5	120	0.033	0.11
PFDoA	2.7	100	0.072	0.24
PFTTrDA	22	86	0.031	0.1
PFTeDA	3.9	100	0.012	0.04
PFHxDA	1.2	100	0.043	0.14
PFPrS	6.7	85	0.03	0.1
PFBS	3.2	91	0.0099	0.033
PFPeS	5.5	81	0.026	0.087
PFHxS	3.2	83	0.021	0.071
PFHpS	6.1	81	0.033	0.11
PFOS	6	89	0.015	0.05
PFNS	7.2	98	0.027	0.089
PFDS	2.7	94	0.032	0.11
PFDoS	14	88	0.026	0.087
Cl-PFOS	7.2	98	0.022	0.073
PFEtCHxS	4.8	81	0.021	0.068
FBSA	4.5	95	0.053	0.18
FHxSA	9.7	88	0.039	0.13
FOSA	7.7	85	0.037	0.12
MeFOSA	11	100	0.058	0.19
EtFOSA	4.1	120	0.053	0.18
FOSAA	6.2	130	0.037	0.12
MeFOSAA	14	110	0.08	0.27
EtFOSAA	23	120	0.027	0.091
4:2 FTS	10	110	0.051	0.17
6:2 FTS	5.1	95	0.072	0.24
8:2 FTS	11	110	0.08	0.27
10:2 FTS	15	310	0.055	0.18
3:3 FTCA	30	96	0.16	0.52
5:3 FTCA	35	96	0.12	0.4
7:3 FTCA	32	120	0.18	0.58
6:2 FTCA	31	160	0.098	0.33

8:2 FTCA	23	82	0.14	0.47
10:2 FTCA	61	130	0.12	0.42
6:2 UFTCA	17	92	0.12	0.4
8:2 UFTCA	16	130	0.14	0.47
ADONA	8.4	80	0.04	0.13
9Cl-PF3ONS	9.8	96	0.02	0.068
11I-PF3OUdS	4.1	91	0.029	0.096
HFPO-DA	23	110	0.079	0.26
6:2diPAP	30	41	0.055	0.18
8:2diPAP	20	110	0.079	0.26
diSAmPAP	31	61	0.03	0.1

Table S5: Non-volatile PFAS surrogate standards recovery on blank, matrix blank, samples, and matrix spike. Polyethylene film was used for matrix blank ($n = 3$) and matrix spike ($n = 3$). Data for matrix blank, matrix spike, and FF1-OU ($n = 4$) were provided in average $\pm$ standard deviation.

Sample Name	M4PFOA/M8PFOA (% recovery)	MPFOS/M8PFOS (% recovery)
Processing Blank	70	75
Matrix Blank	85 $\pm$ 9.0	89 $\pm$ 6.9
FF1-OU	80 $\pm$ 19.8	81 $\pm$ 19.6
FF1-MB	71	100
FF1-TL	60	61
FF2-OU	32	41
FF2-MB	38	57
FF2-TL	71	73
FF3-OU	80	100
FF3-MB	29	33
FF3-TL	57	64
FF4-OU	59	55
FF4-MB	78	91
FF4-TL	120	130
Matrix Spike	74 $\pm$ 21.2	82 $\pm$ 24.6

Table S6: Whole method precision (% RSD), whole method accuracy (% average recovery), method LOD, and method LOQ based on polyethylene film (sample matrix) spiked with volatile PFAS. 50 pg/ μ L (FTOHs, Me- and Et-FOSA, and Me- and EtFOSE) and 5 pg/ μ L (FTAcS and FTMAcS) volatile PFAS were spiked for whole method precision and whole method accuracy ($n = 3$). 0.025 – 100 pg/ μ L (FTOHs, Me- and Et-FOSA, and Me- and EtFOSE) and 0.0005 – 10 pg/ μ L (FTAcS and FTMAcS) volatile PFAS were spiked for method LOD ($n = 10$). Method LOQ was calculated by multiplying method LOD with 3.3.

Analyte	Whole method precision (% RSD)	Whole method accuracy (% average recovery)	Method LOD (μ g/m ²)	Method LOQ (μ g/m ²)
4:2 FTOH	1.0	70	2.4	8.0
6:2 FTOH	1.4	65	3.4	11
8:2 FTOH	2.2	77	8.2	27
10:2 FTOH	3.1	60	2.7	9.1
12:2 FTOH	0.90	57	3.3	11
MeFOSA	0.79	85	2.9	9.5
EtFOSA	0.52	84	3.9	13
MeFOSE	0.36	28	4.5	15
EtFOSE	4.4	33	5.1	17
4:2 FTAc	1.7	96	0.26	0.85
6:2 FTAc	1.9	117	0.21	0.70
8:2 FTAc	2.8	117	6.6	22
10:2 FTAc	3.6	133	3.1	10
6:2 FTMAc	10	101	0.23	0.78
8:2 FTMAc	16	113	0.24	0.78

Table S7: Sublayers from FF layers and amount analyzed by py-GC/MS.

FF	Layer	Sublayer	Mass sample for py-GC/MS(mg)	FF	Layer	Sublayer	Mass sample for py-GC/MS (mg)
1		Blue yarn	128	3		Blue yarn	172
		White yarn	83			White yarn	61
		Yellow fabric	90			Yellow fabric	148
		Black coating	115			White coating	82
		White fabric	110			White fabric	139
		Black yarn	170				77
		Brown yarn	175				
2		Blue yarn	123	4		Blue yarn	90
		White yarn	79			White yarn	76
		Yellow fabric	90			Yellow fabric	105
		Black coating	99			White coating	144
		White fabric	133			White fabric	180
		Brown yarn	154			Black yarn	134
		Yellow yarn	143			Brown yarn	125

Table S8: Target perfluorocarboxylates (PFCA) concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 4$) were provided in average $\pm$ standard deviation.

Samples	Density of Fabric ($\text{g}/4\text{cm}^2$)	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUdA	PFDoA	PFTTrDA	PFTeDA	PFHxDA
FF1-OU	0.0885	2.7 $\pm$ 3.6	0.6 $\pm$ 0.36	1.4 $\pm$ 0.77	1.3 $\pm$ 1.7	0.67 $\pm$ 1.7	1.5 $\pm$ 1.5	0.09 $\pm$ 0.23	<LOQ	1.1 $\pm$ 2.6	<LOD	<LOQ	<LOD
FF1-MB	0.0887	6.2	0.2	2.6	1.3	<LOD	0.53	0.063	<LOQ	2.6	1.9	0.95	<LOD
FF1-TL	0.1446	0.43	<LOD	0.18	0.93	<LOQ	0.57	<LOD	<LOQ	<LOQ	<LOD	<LOD	<LOD
FF2-OU	0.1201	2.3	0.34	1.6	1.5	0.13	0.3	0.15	0.23	0.69	0.13	0.85	<LOD
FF2-MB	0.0848	5.1	0.37	2.2	1.2	<LOD	0.35	0.21	<LOQ	13	0.39	0.44	<LOD
FF2-TL	0.1446	2.8	0.34	1.3	1.6	0.13	0.7	0.15	1.9	1.2	0.22	0.85	<LOD
FF3-OU	0.1542	2	0.38	1.4	1.4	3.2	0.58	1.6	<LOQ	0.86	<LOD	<LOQ	<LOD
FF3-MB	0.0936	2.2	<LOD	1.6	1.1	5.6	<LOD	4.8	<LOQ	0.66	0.21	1.5	<LOD
FF3-TL	0.1555	2.3	0.28	2.7	2.2	9.2	0.67	2.7	0.4	1.2	<LOD	0.96	<LOD
FF4-OU	0.1169	0.65	0.18	1	1.7	0.12	0.13	0.11	<LOD	<LOQ	<LOQ	<LOQ	<LOD
FF4-MB	0.0963	1.1	<LOD	9.2	0.64	0.097	0.12	0.12	<LOQ	1.5	<LOD	<LOD	<LOD
FF4-TL	0.1169	2	0.17	0.39	1.4	0.11	0.19	0.51	<LOQ	4.9	<LOD	<LOQ	<LOD

Table S9: Target perfluoroalkyl sulfonates (PFS) concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 4$) were provided in average $\pm$ standard deviation.

Samples	PFPoS	PFBs	PFPeS	PFHxS	PFHpS	PFOs	PFNS	PFDS	PFDoS
FF1-OU	<LOD	<LOQ	<LOD	2.7 $\pm$ 6.7	<LOD	0.65 $\pm$ 1.6	<LOD	<LOD	<LOD
FF1-MB	<LOQ	4	<LOD	<LOQ	<LOD	1.2	<LOD	<LOD	<LOD
FF1-TL	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOQ	<LOD	<LOD	<LOD
FF2-OU	<LOD	<LOD	<LOD	<LOQ	<LOD	0.71	<LOD	<LOD	<LOD
FF2-MB	<LOQ	3.5	<LOD	<LOQ	<LOD	0.59	<LOD	<LOD	<LOD
FF2-TL	<LOD	<LOQ	<LOD	<LOQ	<LOD	1	<LOD	<LOD	<LOD
FF3-OU	<LOD	<LOD	<LOD	<LOQ	<LOD	0.71	<LOD	<LOD	<LOD
FF3-MB	1.6	0.12	<LOD	<LOD	<LOD	0.18	<LOD	<LOD	<LOD
FF3-TL	<LOD	<LOD	<LOD	<LOQ	<LOD	0.56	<LOD	<LOD	<LOD
FF4-OU	<LOD	<LOD	<LOD	<LOD	<LOD	0.28	<LOD	<LOD	<LOD
FF4-MB	<LOD	<LOD	<LOD	<LOQ	<LOQ	2.1	<LOD	<LOD	<LOD
FF4-TL	<LOD	<LOD	<LOD	<LOQ	<LOD	0.52	<LOD	<LOD	<LOD

Table S10: Target Miscellaneous Electrofluorination (ECF) PFAS concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 4$) were provided in average $\pm$ standard deviation.

Sample	Cl-PFOS	PFEtCHxS	FBSA	FHxSA	FOSA	MeFOSA	EtFOSA	FOSAA	MeFOSAA	EtFOSAA
FF1-OU	<LOD	<LOQ	1.3 $\pm$ 0.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF1-MB	<LOD	<LOD	2.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF1-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF2-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF2-MB	<LOD	<LOD	2	<LOD	<LOD	<LOD	<LOD	<LOD	1	<LOD
FF2-TL	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF3-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD
FF3-MB	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF3-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.35	<LOD
FF4-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF4-MB	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF4-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.41	<LOD

Table S11: Target Miscellaneous Telomer PFAS concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 4$) were provided in average $\pm$ standard deviation.

Samples	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	3:3 FTCA	5:3 FTCA	7:3 FTCA	6:2 FTCA	8:2 FTCA	10:2 FTCA	6:2 UFTCA	8:2 UFTCA	ADONA	9Cl- PF3ONS	11Cl- PF3OUds	HFPO- DA	6:2 diPAP	8:2 diPAP	diSAM PAP
FF1-OU	<LOD	8.7 $\pm$ 21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1.1 $\pm$ 2.7
FF1-MB	<LOD	6.7	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	0.08	<LOD	<LOD
FF1-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.19	<LOD	<LOD
FF2-OU	<LOD	0.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.35	<LOD	1.6
FF2-MB	<LOD	6.3	<LOD	0.087	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.096
FF2-TL	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.47
FF3-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.31	<LOD	<LOQ
FF3-MB	<LOD	0.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF3-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2.3	<LOD	<LOD	<LOD	<LOD	0.12	<LOD	<LOD
FF4-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.17	<LOD	<LOD
FF4-MB	0.23	<LOQ	<LOD	<LOD	<LOD	1.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
FF4-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.09	<LOD	<LOD

Table S12: Target and suspect FTOHs, Me- and Et-FOSA, and N-Methyl Perfluoroalkane Sulfonamidoethanol (MeFASEs) concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 3$) were provided in average $\pm$ standard deviation.

Samples	4:2 FTOH	6:2 FTOH	8:2 FTOH	10:2 FTOH	12:2 FTOH	14:2 FTOH	MeFOSA	EtFOSA	MeFPt-SE	MeFBSE	MeFPeSE	MeFHxSE	MeFHpSE	MeFOSE
FF1-OU	<LOD	260 $\pm$ 35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF1-MB	<LOD	160	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9300	<LOD	<LOD	<LOD	<LOQ
FF1-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF2-OU	<LOD	79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF2-MB	<LOD	170	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8400	<LOD	<LOD	<LOD	<LOQ
FF2-TL	<LOD	190	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF3-OU	<LOD	<LOD	110	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	290
FF3-MB	<LOD	<LOD	460	270	89	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	110
FF3-TL	<LOD	<LOD	<LOD	8.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	95
FF4-OU	<LOD	3500	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF4-MB	<LOD	140	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ
FF4-TL	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOQ

Table S13: Target and suspect N-Ethyl Perfluoroalkane Sulfonamidoethanol (EtFASEs), FTAcS, and FTMAcS concentrations ($\mu\text{g}/\text{m}^2$). Data for FF1-OU ($n = 3$) were provided in average $\pm$ standard deviation. FTIs, PFIs, or FTOs were <LOD for all samples.

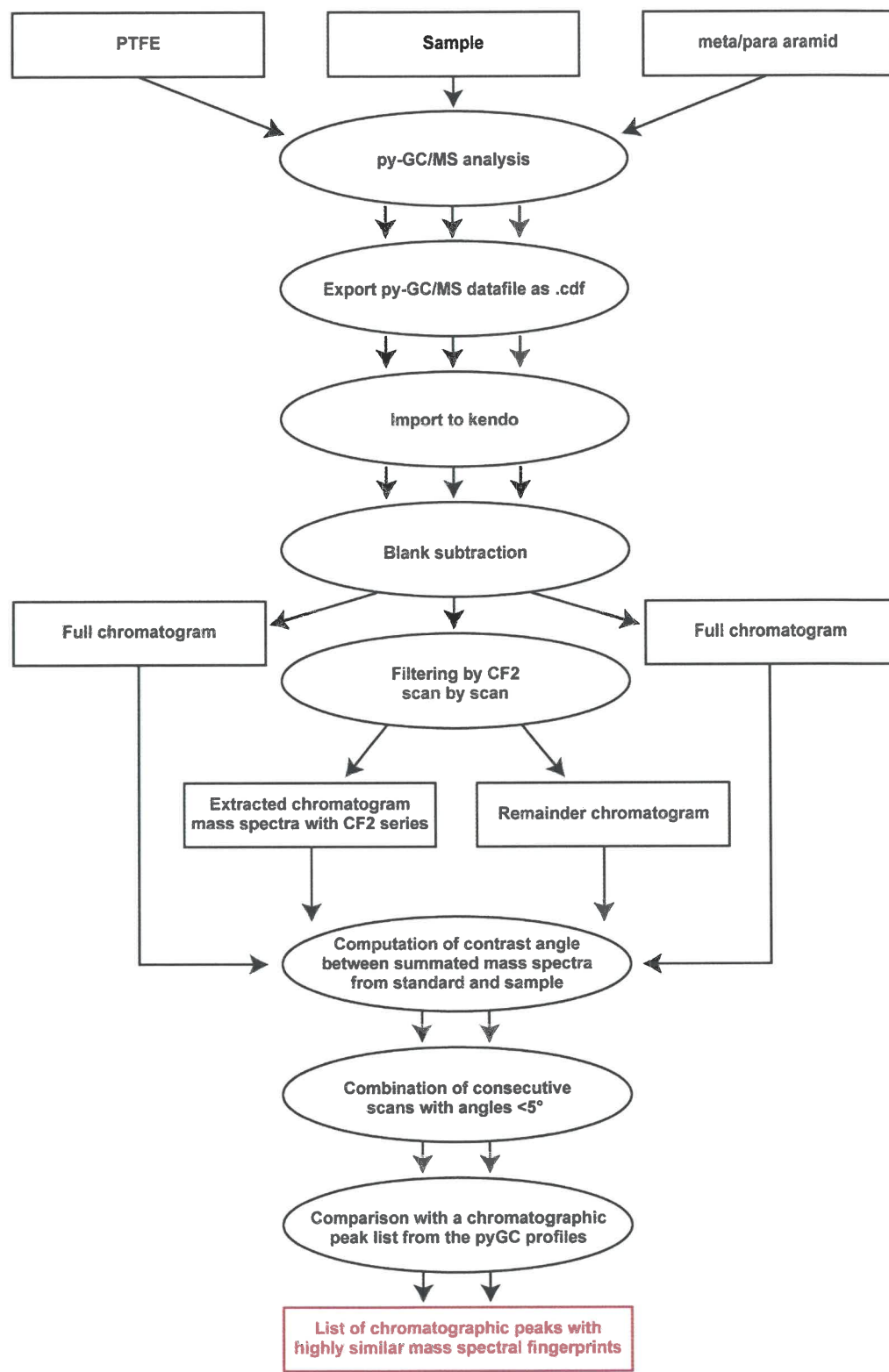
Samples	EtFEtSE	EtFPtSE	EtFBSE	EtFPeSE	EtFHxSE	EtFHpSE	EtFOSE	4:2 FTAc	6:2 FTAc	8:2 FTAc	10:2 FTAc	6:2 FTMAc	8:2 FTMAc
FF1-OU	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	42 $\pm$ 9.4	<LOD
FF1-MB	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	8.5	<LOD
FF1-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	3.2	<LOD
FF2-OU	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	38	<LOD
FF2-MB	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	7.9	<LOD
FF2-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	<LOD	<LOD	14	<LOD
FF3-OU	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	270	<LOD	<LOD	290	170	1.9	<LOD
FF3-MB	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	330	95	1.5	<LOD
FF3-TL	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	98	21	1.3	<LOD
FF4-OU	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	76	14	6.3	<LOD
FF4-MB	<LOQ	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	62	15	2.7	<LOD
FF4-TL	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOQ	<LOD	<LOD	48	12	1.3	<LOD

Table S14: Total fluorine concentrations by PIGE and INAA. FF3 was manufactured in 2008 while FF1, 2, and 4 were manufactured in 2019.

Firefighter Turnout Suit #	PIGE (mg F/kg)	INAA (mg F/kg)
FF1-TL	18	<LOD
FF1-MB	Off scale	122,000
FF1-O	5,960	4,950
FF2-TL	2,030	1,430
FF2-MB	Off scale	120,000
FF2-O	4,110	2,650
FF3-TL	32	13
FF3-MB	Off scale	116,000
FF3-O	2,540	2,360
FF4-TL	17	< LOD
FF4-MB	Off scale	43,700
FF4-O	6,250	5,480

< LOD = less than the limit of detection; off-scope indicates signal off the upper end of the PIGE calibration range (100,000 mg F/kg)

Figure S1: Workflow schematic for comparison by spectral contrast angles of py-GC/MS Analysis



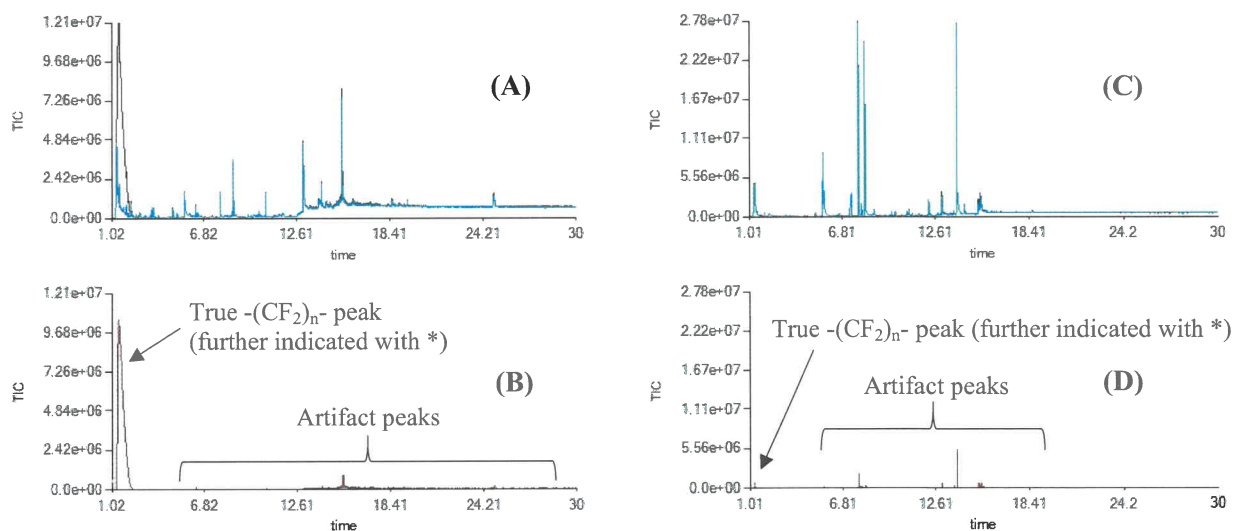


Figure S3: TIC for FF1 MB “black” (A) before and (B) after application of “CF₂-filter”. FF1 MB “white” (C) before and (D) after “CF₂-filter”. For (A-D) Black lines: full py-GC/MS profiles; Blue lines: remainders of profiles after extracting the $-(CF_2)_n$ – series; Red lines: profiles for $-(CF_2)_n$ - series only (comprising true series and artifact peaks due to background noise).

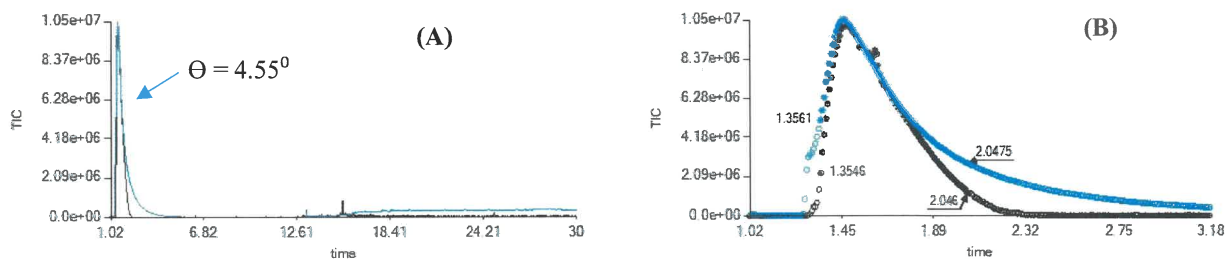


Figure S4: (A) Py-GC/MS profiles of the $-(CF_2)_n$ - extracted FF1 MB black coating (black line/dots) and a PTFE standard (blue line/dots) with the computation of similarity. (B) Magnification of the profiles. Theta angles are computed for concatenated scans within a ± 0.015 min width. If the spectral-contrast-angle between consecutive summed mass spectra from concatenated scan from the sample and the standard is $<5^\circ$, the concatenated scans are combined. Filled dots = combined scans with Θ angles $<5^\circ$ deg (average Θ for 1.35-2.05 min: 4.55 deg)

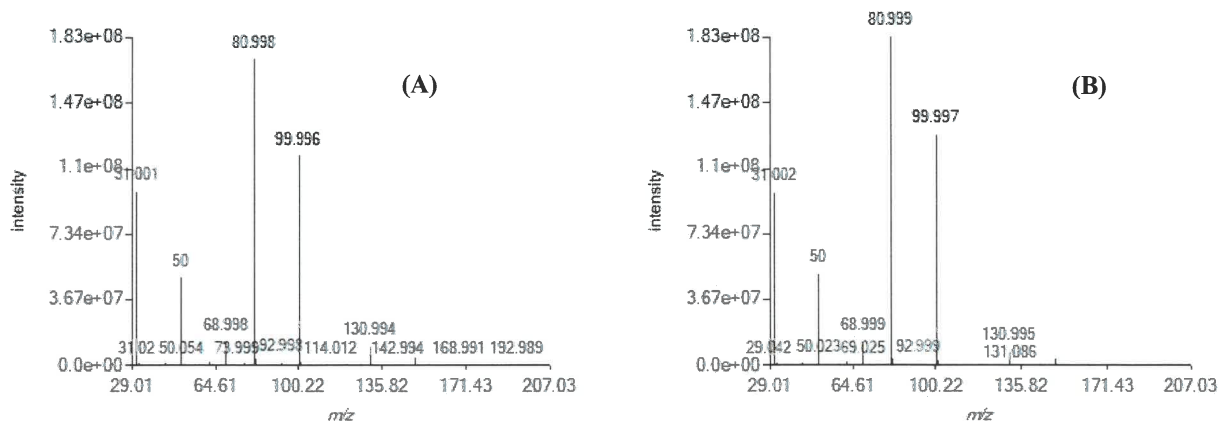


Figure S5: (A) Mass spectrum from the $-(CF_2)_n$ - extracted FF1 MB black coating py-GC/MS profile with $\theta < 5^\circ$ deg vs PTFE (filled black dots, 1.35-2.05 min) (B) Mass spectrum from the raw PTFE py-GC/MS profile with $\theta < 5^\circ$ deg vs $-(CF_2)_n$ - extracted FF1 "middle" black coating (filled blue dots, 1.35-2.05 min)

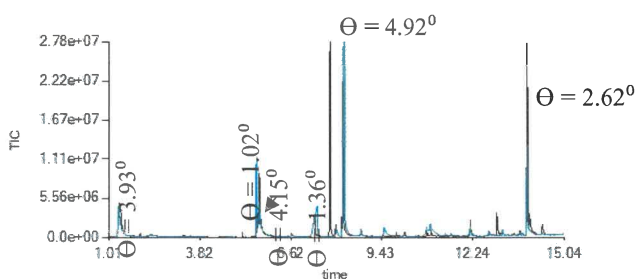


Figure S6: Black line: py-GC/MS profile of the remainders of $-(CF_2)_n$ - extracted profiles from FF1 MB white fabric. Blue line: py-GC/MS profile of meta-aramid. Py-GC peaks with $\theta < 5^\circ$ are indicated.

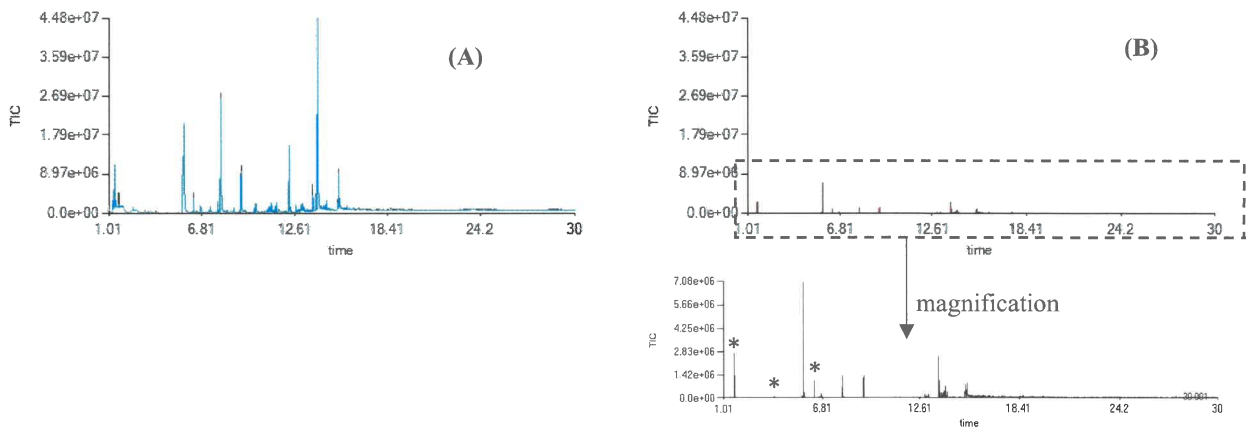


Figure S7: (A) Py-GC/MS profile of FF1 OU black yarn (black line) and remainder of CF_2 -extraction profile (blue line) (B) CF_2 -extracted profile of FF1 OU black yarn (red line)

$$\theta = 2.5^\circ$$

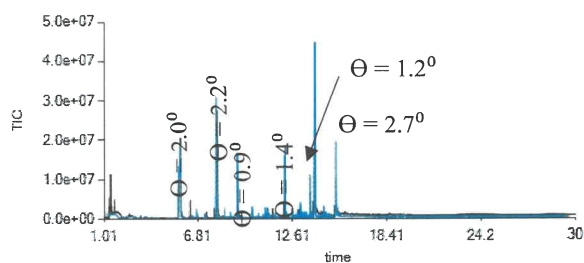


Figure S8: Black line: py-GC/MS profile or the remainders of $-(CF_2)_n$ - extracted profiles from FF1 OU black yarn
Blue line: py-GC/MS profile of para-aramid. Py-GC peaks with $\Theta < 5^\circ$ deg are indicated.

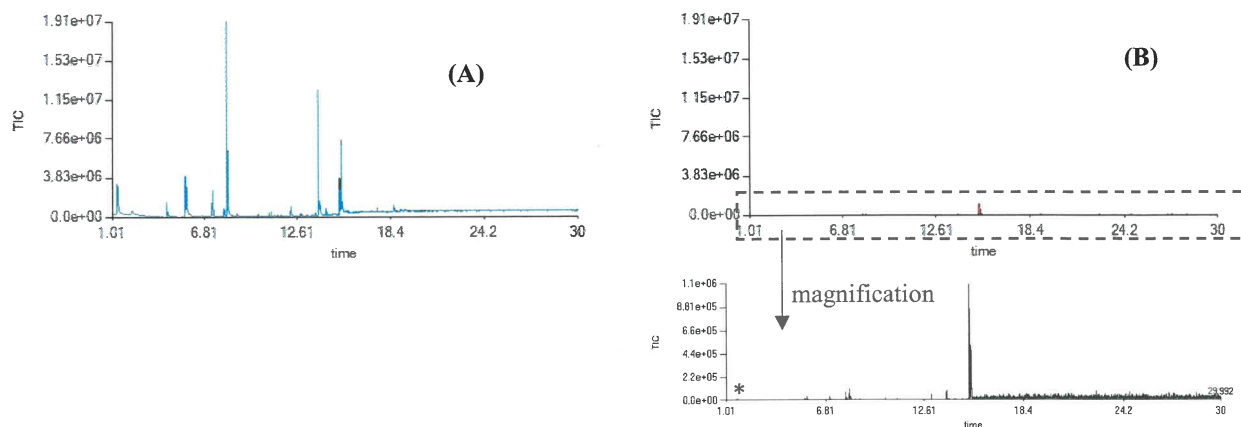


Figure S9: (A) Py-GC/MS profile of FF1 TL white yarn (black line) and remainder of CF_2 -extraction profile (blue line) (B) CF_2 -extracted profile of FF1 TL white yarn (red line)

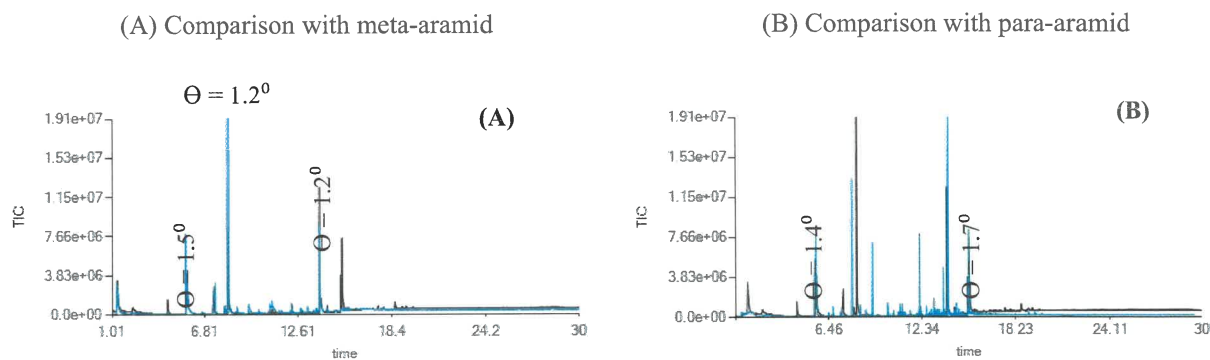


Figure S10: (A) Comparison with meta-aramid (B) Comparison with para-aramid. Black line: py-GC/MS profile or the remainders of $-(CF_2)_n$ - extracted profiles from FF1 TL black yarn. Blue line: py-GC/MS profile of standard. Py-GC peaks with $\Theta < 5^\circ$ deg are indicated.

Equations

Theoretical PTFE film Concentration

$$1 \text{ kg PTFE} \times \frac{1000 \text{ g } [CF_2CF_2]}{1 \text{ kg PTFE}} \times \frac{1 \text{ mole } [CF_2CF_2]}{99.9936 \text{ g}} \times \frac{4 \text{ moles F}}{1 \text{ M } [CF_2CF_2]} \times \frac{18.9984 \text{ g}}{1 \text{ mole F}} = \frac{760 \text{ g F}}{1 \text{ kg PTFE}} \quad \text{Eq S1}$$

$= 760,000 \text{ ppm F}$

Fraction of PTFE film on MB layer

$$\frac{[\text{Fraction due to PTFE layer}] \text{ kg } [\text{Theoretical PTFE Film concentration}] + ([\text{Fraction due to non-PTFE layer}] \text{ kg}) [\text{Concentration of non-PTFE layers}] (\text{See } - \text{OU example})}{[\text{Measured total F Concentration}]} \quad \text{Eq S2}$$

$$[X] \text{ kg} \left[760,000 \text{ mg} \frac{F}{\text{kg}} \right] + (1 \text{ kg} - [X] \text{ kg}) [5,000 \text{ mg F/kg}] (\text{See FFX} - \text{OU example}) = [122,000 \text{ mg F/}$$

$$[X] \text{ kg} \left[760,000 \text{ mg} \frac{F}{\text{kg}} \right] + (5,000 \text{ mg F/kg} - [X] [5,000 \text{ mg F/kg}]) = [122,000 \text{ mg F/kg}]$$

$$[X] \text{ kg} \left[760,000 \text{ mg} \frac{F}{\text{kg}} \right] - [X] [5,000 \text{ mg F/kg}] = [122,000 \text{ mg F/kg}] - [5,000 \text{ mg F/kg}]$$

$$[X] \text{ kg} \left[755,000 \text{ mg} \frac{F}{\text{kg}} \right] = 117,000 \text{ mg} \frac{F}{\text{kg}}$$

$$[X] = 0.155 \times 100\% = 15.5\%$$

Total weight percent of F on non-PTFE layer

$$\frac{5,000 \text{ mg F}}{\text{kg}} \times \frac{1 \text{ kg Fiber}}{1000 \text{ g Fiber}} = 5 \frac{\text{mg F}}{\text{g}} \text{ Fiber} = \frac{5 \text{ mg F}}{1000 \text{ mg Fiber}} \times 100\% = 0.5 \text{ wt \% F} \quad \text{Eq S3}$$

Conversion from $\mu\text{g}/\text{m}^2$ to ng/g

$$\frac{\mu\text{g}}{\text{m}^2} \times \frac{1 \text{ m}^2}{10,000 \text{ cm}^2} \times \frac{1000 \text{ ng}}{1 \mu\text{g}} \times \text{Density of Fabric}^{-1} \left(\frac{\text{cm}^2}{\text{g}} \right) = \frac{\text{ng}}{\text{g}} \quad \text{Eq S4}$$

References

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HEALTH NEWS

Firefighters told to wear protective gear less to limit exposure to 'forever chemicals' linked to cancer

A firefighters union and a chiefs association both advise firefighters to reduce their exposure to PFAS by donning protective gear only when necessary.

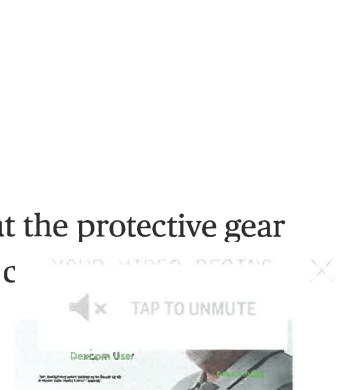


SAVE

Aug. 24, 2022, 12:33 PM CDT

By Tom Costello and Aria Bendix

A firefighters union and a chiefs association are both warning members that the protective gear firefighters wear poses a health risk because it can contain PFAS, synthetic chemicals associated with issues such as an increased risk of liver and kidney cancer.



PFAS, short for per- and polyfluoroalkyl substances, are often referred to as "forever chemicals" because they're [nearly impossible to destroy](#). They're able to resist stains, grease and water, so are used to make products such as workout clothing, raincoats and firefighters' turnout gear, which is designed to block both moisture and heat.

In addition to certain cancers, PFAS have also been linked to risks of low birth weight, high cholesterol and [thyroid disease](#).

So on Tuesday, the International Association of Fire Fighters, or IAFF, and the Metropolitan Fire Chiefs Association advised firefighters to wear turnout gear only when absolutely necessary, in order to reduce their exposure to the chemicals.

"It is essential that unnecessary carcinogens are eliminated or mitigated until we can find gear that poses no health risks to our firefighters," said Dr. Danny Whu, the union's chief medical officer.



— Firefighters watch as a helicopter drops water during the Caldor Fire in Kirkwood, 2021. Eric Thayer / Bloomberg via Getty Images file

The groups also recommended that firefighters seal the gear in a container or a bag during transport, wash their hands after touching the items and avoid bringing them into firehouse living areas.

The advisory is based on [research](#) showing that [PFAS can leach out of turnout gear](#) onto firefighters' skin and [potentially enter their bloodstream](#). But it's hard to quantify precisely how often that happens or what health risks different exposure levels pose.

"We actually know very little about how PFAS penetrates through the skin," said Jamie DeWitt, a toxicology professor at East Carolina University.

"Presumably, it is possible and contributes to the overall health risks that firefighters face from their exposure to PFAS," she said.

Firefighters may be at particular risk of exposure to PFAS from clothing because they wear their gear for long periods of time, often while they're sweating and exposed to high heat, DeWitt said.

"When you're sweating, your pores open up, your capillaries dilate. So it's easier to absorb things that might be in materials that are on your skin," she said.

But 3M, a manufacturer of turnout gear, questioned the association of PFAS with health risks like cancer.

"Global health agencies and researchers acknowledge the limited nature of evidence indicating that PFAS cause harmful effects for specific health endpoints," the company said in a statement.

Recommended



HEALTH NEWS

More evidence links highly processed food to a greater risk of cancer and death



DATA GRAPHICS

Monkeypox cases are increasing across the U.S. See a state-by-state breakdown.



Firefighters also get exposed to PFAS through foam used on fires that are difficult to extinguish, though some fire departments have replaced the foam with PFAS-free alternatives.

DeWitt said the foam likely poses a greater health threat than turnout gear because firefighters are "drenched in it, and possibly even ingesting and inhaling some of it and absorbing it through their eyes and other mucous membranes."

The International Association of Fire Fighters said that PFAS is just one source of cancer risk that firefighters face on the job. Cancer caused 61% of line-of-duty deaths among career firefighters from January 2002 to December 2016, according to the union, due to factors such as smoke inhalation and chemical exposure. Firefighters have a 9% higher risk of being diagnosed with cancer than the overall U.S. population, according to [federal data](#), and a 14% higher risk of dying from cancer.

The International Agency for Research on Cancer recently classified firefighting as an occupation as carcinogenic. Whu said the union is trying to eliminate exposures where it can, with the understanding that the job still carries risk.

"We can't control most of the toxins we encounter on the fire ground, but we can and must control the unnecessary exposures to chemicals like PFAS in our personal protective equipment," he said.

Most people in the United States have been exposed to PFAS and [have the chemicals in their blood](#), according to the Centers for Disease Control and Prevention. PFAS have been found in many consumer goods, including food packaging, carpets, cookware and personal care products.

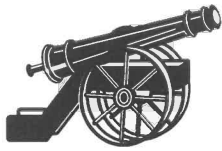
The chemicals can lurk in drinking water. According to the Environmental Protection Agency, PFAS may pose health risks at near-zero concentrations in water, so the agency [set new limits](#) for levels of PFAS in drinking water in June.

DeWitt said that to the best of scientists' knowledge, any type of exposure to PFAS can result in negative health outcomes.

She added that for firefighters, wearing turnout gear only in emergency scenarios could reduce exposure to the chemicals, but it won't fully solve the problem.

"I wouldn't want firefighters to get the message that they shouldn't be fully protected by that turnout gear," DeWitt said. "The solution is to use moisture barriers to protect firefighters that don't contain PFAS."





CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item Number: VIII

Subject/Proceeding: Mayor's Report

Exhibits: Ordinance No. 22-584
H-GAC Letter and Appointment Documents

Approval(s): Karen Glynn, City Administrator

Budget: N/A

Executive Summary

The Mayor's Report will include the following:

- A. CONSIDERATION AND POSSIBLE ACTION TO ADOPT ORDINANCE NUMBER 22-584, AN ORDINANCE OF THE CITY OF BUNKER HILL VILLAGE, TEXAS, EXTENDING A PUBLIC HEALTH EMERGENCY AND EXTENDING A STATE OF DISASTER DUE TO THE OUTBREAK OF COVID-19; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE – *The extension of the local disaster for the COVID 19 Emergency following the Governor's extension.*
- B. DISCUSSION AND POSSIBLE ACTION REGARDING DESIGNATION OF A REPRESENTATIVE AND AN ALTERNATE TO THE GENERAL ASSEMBLY OF THE HOUSTON-GALVESTON AREA COUNCIL FOR 2022 - 2023
The October timeframe is the timeframe for appointments to the Houston Galveston Area Council – General Assembly. Susan Schwartz has served in this role and is a member of the board. Councilmember Schwartz has offered to continue in this role. Eric Thode has agreed to serve as Alternate.
- C. Report on Activities and Upcoming Events
- D. Committee Reports/Updates

ORDINANCE NO. 22-584

**AN ORDINANCE OF THE CITY OF BUNKER HILL VILLAGE,
TEXAS EXTENDING A PUBLIC HEALTH EMERGENCY AND
EXTENDING A STATE OF DISASTER DUE TO THE OUTBREAK
OF COVID-19; PROVIDING FOR SEVERABILITY; AND
PROVIDING AN EFFECTIVE DATE.**

* * * * *

WHEREAS, Greg Abbott, Governor of the State of Texas, entered a declaration of disaster on March 13, 2020 as a result of the outbreak of the COVID-19 virus; and

WHEREAS, Harris County Judge, Lina Hidalgo, entered a stay home, work safe order for all of Harris County on March 24, 2020 to last until April 3, 2020, due to the outbreak of the COVID-19 virus; and

WHEREAS, on March 31, 2020, Judge Hidalgo extended the stay home, work safe order until April 30, 2020 and has continued orders to date; and

WHEREAS, the Mayor and City Council of the City of Bunker Hill Village, Texas issued a disaster declaration on March 24, 2020 and approved on April 21, 2020, May 19, 2020, June 16, 2020, August 18, 2020, September 15, 2020, October 20, 2020, November 17, 2020, January 19, 2021, February 22, 2021, March 23, 2021, April 20, 2021, May 18, 2021, June 15, 2021, August 17, 2021, September 21, 2021, October 19, 2021, November 16, 2021, January 18, 2022, February 15, 2022, March 8, 2022, April 19, 2022, May 17, 2022, June 21, 2022 and August 16, 2022 an extension to the order; and

WHEREAS, the Mayor and City Council of the City of Bunker Hill Village, Texas will continue to follow the Governor's direction for the extension of this emergency; and

WHEREAS, the Mayor and City Council of the City of Bunker Hill Village, Texas finds it to be in the best interest of the health, safety, and welfare of its citizens to extend this declaration of disaster for an additional forty-five (45) days; and

WHEREAS, by this Declaration, the City Council declares all rules and regulations that may inhibit or prevent prompt response to this threat suspended for the duration of the incident; and

WHEREAS, pursuant to the authority granted to the Mayor under the Texas Disaster Act, the Mayor, with the consent of Council authorizes the use of all available resources of state government and political subdivisions to assist in the City's response to this situation; now, therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BUNKER HILL VILLAGE, TEXAS:

Section 1. The facts and matters contained in the preamble to this ordinance are hereby found to be true and correct.

Section 2. **Extension of Local State of Disaster.** That the local state of disaster and public health emergency previously declared for the City of Bunker Hill Village pursuant to §418.108 of the Texas Disaster Act is hereby extended for 45 days from the date of this ordinance or unless terminated or modified by earlier ordinance of the City.

Section 3. **Publicity and Filing.** Pursuant to §418.108(c) of the Texas Disaster Act, this declaration of a local state of disaster due to this public health emergency shall be given prompt and general publicity and shall be filed promptly with the City Secretary.

Section 4. **Activation of the City Emergency Management Plan.** Pursuant to §418.108(d) of the Texas Disaster Act, this declaration of a local state of disaster due to this public health emergency activates the City of Bunker Hill Village Emergency Management Plan.

Section 5. **Temporary Housing and Emergency Shelter.** Pursuant to §418.020(d) of the Texas Disaster Act, this declaration authorizes the City to: (1) temporarily or permanently acquire by lease, purchase, or other means sites required for temporary housing units or emergency shelters for disaster victims; and (2) enter into arrangements necessary to prepare or equip the sites for installation and use of temporary housing units or emergency shelters, including arrangements necessary for the transportation and purchase of temporary housing units or emergency shelters.

Section 6. In the event any clause phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstances shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of Bunker Hill Village, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

Section 7. This ordinance shall take effect immediately upon its approval.

PASSED, APPROVED AND ORDAINED on this 20th day of September 2022

Robert P. Lord, Mayor

ATTEST:

Karen H. Glynn, Acting City Secretary



HOUSTON-GALVESTON AREA COUNCIL

SERVING TODAY ▪ PLANNING FOR TOMORROW

To: Mayors – General Law Cities
Subject: 2023 General Assembly Designations
From: Chuck Wemple
Date: September 1, 2022

The end of the year is quickly approaching, and the Houston-Galveston Area Council is looking ahead to 2023. We are continuously working to better serve our member governments. In that spirit, we are bringing the conversation to your communities to hear more about your needs and how we can work together to improve quality of life across the region. These interactive, town-hall style meetings are designed to hear from you, and to help us plan for and implement ways to better serve you and your community. Beyond these meetings, however, one of the best ways to contribute to the regional discussion is to stay engaged with us, and you can do this by appointing elected representatives from your city to be an active member in our regional conversations and decision-making.

H-GAC is asking you to be a part of this next year of service by designating representatives to the General Assembly. H-GAC bylaws allow each member General Law city to designate an elected official to represent you on the General Assembly and at a General Law cities caucus meeting. At the caucus meeting, General Law cities from across the region will elect two members to represent all General Law Cities on the H-GAC Board of Directors, and two members to serve as alternates.

I have attached the nomination form on which you can designate your representatives. Please email the completed form to Laura.Parker@h-gac.com. If more information concerning General Assembly and Board of Directors membership would be useful, please contact me at 713-993-4514 or Rick Guerrero at 713-993-4598.

A dinner meeting of General Law city representatives is scheduled for **Thursday, November 10 at 6:30 pm to 9:00 pm**. It will be at the Embassy Suites Houston West-Katy (16435 Katy Freeway, Houston, TX, 77094). Your city's designees are highly encouraged to attend and help elect the 2023 General Law Cities' representatives to the H-GAC Board of Directors.

Thank you for your continuing participation and support for the Houston-Galveston Area Council. We are looking forward to working with you.

Sincerely,


Charles Wemple (Sep 8, 2022 19:01 CDT)

Chuck Wemple

Attachment

**DESIGNATION OF REPRESENTATIVE AND ALTERNATE
HOUSTON-GALVESTON AREA COUNCIL
2023 GENERAL ASSEMBLY**

BE IT RESOLVED, by the Mayor and City Council of Bunker Hill Village, Texas that Susan Schwartz be, and is hereby designated as its Representative to the **GENERAL ASSEMBLY** of the Houston-Galveston Area Council for the year 2023.

FURTHER, that the Official Alternate authorized to serve as the voting representative should the hereinabove named representative become ineligible, or should he/she resign, is Eric Thode.

THAT the Executive Director of the Houston-Galveston Area Council be notified of the designation of the hereinabove named representative and alternate.

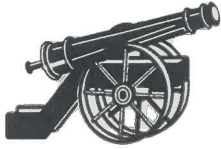
PASSED AND ADOPTED, this 20th day of September, 2022.

APPROVED:

Robert P. Lord, Mayor

ATTEST:

Karen H. Glynn, Acting City Secretary



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: X

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO APPROVE AN ENGAGEMENT LETTER WITH BELT HARRIS PECHACEK LLLP FOR AUDIT SERVICES FOR YEARS 2022 IN AN AMOUNT NOT TO EXCEED \$21,395.00 WITH AN OPTION TO APPROVE 2023 AND 2024 AUDIT SERVICES AT SET RATES**

Exhibits: Engagement Letter

Clearance: Susan Grass, Finance Director
Karen Glynn, City Administrator/Acting City Secretary

Executive Summary

An Engagement Letter for the Annual Audit was presented to Council at the August 2022 City Council Meeting. The Council requested that Legal have an opportunity to review the Engagement Letter; therefore, no action was taken in August.

Staff had requested a new engagement letter from Belt Harris Pechacek, LLLP for the City's Annual Audit. This Engagement Letter includes the 2022 Audit and allows for an option to renew for the fiscal years 2023 and 2024. The Audit-Finance Committee reviewed the engagement letter from Belt Harris Pechacek, LLLP and recommends the award of the 2022 Annual Audit with the option to renew annually for two additional years. The City Attorney has reviewed and has no concerns with the engagement letter.

In addition to auditing the City's financial statements and expressing an opinion on the financials based on the audit, the firm will also prepare the Annual Financial Report for the 2022 fiscal year.

The fees for the audits are included below:

		%		%		%
	2022	Increase	2023	Increase	2024	Increase
Financial Statement Audit	\$ 21,395	7%	\$ 22,895	7%	\$ 24,500	7%

For comparison, the City paid \$19,995 for the 2021 audit. The audit fees show a 7% increase each year. The City budgeted funds for the 2022 Audit in the fiscal year 2023 Budget.

Per State Law, the audit must be filed 180 days after the end of the fiscal year, June 30, 2023. Interim field work is tentatively scheduled for November and final year-end field work in 2023. This schedule achieves the goal to have a final draft annual financial report in April 2023 for review and to present and file with the City Council in May 2023.



Engagement Letter

August 26, 2022

The Honorable Robert P. Lord, Mayor
City of Bunker Hill Village
11977 Memorial Drive
Houston, Texas 77024-6231

We are pleased to confirm our understanding of the services we are to provide for the City of Bunker Hill Village (the "City") for the year ended December 31, 2022, with the option to renew annually for fiscal years 2023 and 2024.

Audit Services

We will audit the financial statements of the governmental activities, the business-type activities, each major fund, the aggregate fund, and the disclosures, including the related notes to the financial statements, which collectively comprise the basic financial statements of the City as of and for the year ended December 31, 2022, with the option to renew annually for fiscal years 2023 and 2024.

Accounting standards generally accepted in the United States of America (GAAS) provide for certain Required Supplementary Information (RSI), such as Management's Discussion and Analysis (MD&A), to supplement the City's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the City's RSI in accordance with GAAS. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by U.S. generally accepted accounting principles (GAAP) and will be subjected to certain limited procedures, but will not be audited:

1. Management's Discussion and Analysis
2. Budgetary Comparison Schedule(s)
3. Pension Schedule(s) as applicable
4. OPEB Schedule(s) as applicable

We have also been engaged to report on supplementary information other than RSI that accompanies the City's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS, and we will provide an opinion on it in relation to the financial statements as a whole in a report combined with our auditors' report on the financial statements:

1. Combining Statement(s) and Schedule(s)
2. Budgetary Comparison Schedule(s)

The objectives of our audit are to obtain reasonable assurance as to whether the financial statements as a whole are free from material misstatement, whether due to fraud or error; issue an auditors' report that includes our opinion about whether your financial statements are fairly presented, in all material respects, in conformity with GAAP; and report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment of a reasonable user made based on the financial statements.

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America and will include tests of the accounting records and other procedures we consider necessary to enable us to express such opinions.

Auditors' Responsibilities for the Audit of the Financial Statements

We will conduct our audit in accordance with GAAS and will include tests of your accounting records and other procedures we consider necessary to enable us to express such opinions. As part of an audit in accordance with GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit.

We will evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management. We will also evaluate the overall presentation of the financial statements, including the disclosures, and determine whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is an avoidable risk that some material misstatements may not be detected by us, even though the audit is properly planned and performed in accordance with GAAS. In addition, an audit is not designed to detect immaterial misstatements, or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors, fraudulent financial reporting, or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

We will also conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the government's ability to continue as a going concern for a reasonable period of time.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, and may include tests of the physical existence of inventories, and direct confirmation of receivables and certain assets and liabilities by correspondence with selected creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry.

Audit Procedures-Internal Control

We will obtain an understanding of the government and its environment, including internal control relevant to the audit, sufficient to identify and assess the risks of material misstatement of the financial statements, whether due to error or fraud, and to design and perform audit procedures responsive to those risks and obtain evidence that is sufficient and appropriate to provide a basis for our opinions.

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentation, or the override of internal control. An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. Accordingly, we will express no such opinion. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards.

Audit Procedures-Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the City's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion.

Other Services

We will also assist in preparing the financial statements of the City in conformity with GAAP based on information provided by you.

We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statements services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

Nonaudit Services

In connection with the engagement, we will perform services unrelated to our attest function. The additional services we will provide include:

1. **Preparation of Documents**
We will assist in preparing the financial statements and related notes of the City in conformity with GAAP based on information provided by the City.
2. **Advisory Services**
We will provide routine advisory services through phone calls, conferences, or otherwise, in connection with incidental matters arising during the year. We encourage open lines of communication throughout the year as part of our services.
3. **Correspondence**
We will handle all normal correspondence from grantor, regulatory, or oversight agencies related to the audit.
4. **Professional Proofing**
To ensure documents issued in connection with the audit engagement are professional in appearance, we will submit both client-prepared information, as well as documents created entirely by the auditor, to an independent professional proofreader for a cover-to-cover inspection. This review will include consistent formatting, grammar, logic, and any other items that may detract from the document. This process is over and above technical reviews performed.
5. **Printing and Binding**
All final hard copy documents will be printed on a 1200 dpi or better resolution copier and bright white report paper. Reports will be bound with GBC-brand plastic combs with 30 mil oversized covers. We will manually inspect each page from one document and spot check remaining reports for printing errors. Our reports will be centered, properly aligned, and free of smudges and other detracting elements.
6. **Electronic Adobe Searchable PDF**
In addition to providing hard copy documents, we will also provide all final documents in electronic image files in Adobe PDF format, suitable for posting in electronic agenda packages, posting on websites, or transmitting by email to regulatory agencies.

7. Client Portal - Auditbox

We will provide the City access to our proprietary AuditBox online site to provide a central repository where both the City's personnel and audit team members can see documents being exchanged during the process to eliminate duplicate requests from audit team members. Both the City's documents, as well as final audit documents, will be hosted on the site providing an archive of information that new personnel may access in subsequent years, if information is needed regarding what was provided for a prior year audit or a copy of audit documents issued.

Responsibilities of Management for the Financial Statements

Our audit will be conducted on the basis that you acknowledge and understand your responsibility for designing, implementing, and maintaining effective internal controls, relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error, including monitoring ongoing activities; for the selection and application of accounting principles; and for the preparation and fair presentation of the financial statements in conformity with GAAP.

Management is also responsible for making drafts of financial statements, all financial records and related information available to us and for the accuracy and completeness of that information (including information from outside of the general and subsidiary ledgers). You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, identification of all related parties and all related-party relationships and transactions, and other matters; (2) additional information that we may request for the purpose of the audit, and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence. At the conclusion of our audit, we will require certain written representations from you about the financial statements and related matters.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements of each opinion unit taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws and regulations.

You are responsible for the preparation of the supplementary information, on which we have been engaged to report, in conformity with GAAP. You agree to include our report on the supplementary information in any document that contains, and indicates that we have reported on, the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

You agree to assume all management responsibilities for financial statements preparation services and any other nonattest services we provide; oversee the services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of the services; and accept responsibility for them.

Engagement Administration, Fees, and Other

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

Fees for our services are based on the actual time spent at our standard hourly rates, plus travel and other out-of-pocket costs such as report production, word processing, postage, etc. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Items that likely will increase the fee estimate include:

1. Assistance with addressing matters that were designated as management responsibility, which include closing schedules and closing entries.
2. Submission of audit data within 60 days of a client requested completion date or filing deadline, requiring overtime hours to meet the deadline.
3. Changes to accounting pronouncements, professional standards, laws, and regulations not known to us as of the date of this letter that have a significant impact on time requirements.
4. Changes in the operations and significant matters that materially change the audit scope such as evaluation of the impact of joint ventures, debt issuance/refunding/advance extinguishment, forbearance agreements, notice of material events, enforcement actions, required corrective actions, self-insurance, environmental liabilities, going concern, and/or other postemployment benefits.
5. Significant increases in State or Federal funding requiring State and/or Federal Single Audits and/or increases to the number of grants classified as major programs by the Office of Management and Budget (OMB) or state requirements.
6. Follow up on allegations or discovery of a) noncompliance with laws, regulations, and policies; b) fraud, waste, and abuse; c) significant deficiencies in internal control; d) nepotism; and e) related party transactions.

As customary in the industry, the price quoted is an estimate. In accordance with rules of the State Board of Public Accountancy, we cannot be bound to provide the audit for the amount estimated. However, in practice, we honor our fee quotes unless adverse conditions such as those described above are encountered.

Fee Estimates

	2022	2023	2024
Financial Statement Audit	\$ 21,395	\$ 22,895	\$ 24,500

GASB Statement 87

Governmental Accounting Standards Board Statement 87, *Leases* ("GASB 87") takes effect this year. GASB 87 essentially requires that all leases that finance the right to use an underlying asset should be reported on the balance sheet for both the lessor and lessee. Unlike other accounting standards changes, GASB 87 will require management to evaluate the impact, plan for the impact, and make necessary changes in business processes. Implementation of GASB 87 will generally require centralized lease document management; in-depth review of lease documents; recording and tracking of multiple data points per lease, which may necessitate new software based on the volume of leases; and development of new controls, reconciliations, and policies and procedures. Management needs to begin making initial assessments immediately to determine the lead time and resources needed. Management needs to identify all leases as both the lessor (leasing to someone-landlord-receivable) and lessee (leasing from someone-tenant-payable) in which the term initially exceeded 12 months. Based on the aggregate value of leases and materiality, management should determine a cutoff for exclusion of insignificant leases. Management should establish the goal of being fully implemented at the earlier of interim audit procedures or 60 days prior to year end to provide for a sufficient buffer to safeguard against delay in issuing the financial statements. If management is not prepared by the regularly scheduled start date for the audit, the options will be to receive a modified audit opinion, for us to withdraw from the engagement, or to reschedule the engagement to the end of the government audit season, April 2023. The number of leases that an organization has will likely be grossly underestimated and the time requirement to assemble and evaluate documents understated. Accordingly, **it is imperative to begin the GASB 87 lease process early to avoid negative impact.**

Our fee estimate does not include any additional time to prepare required data and disclosures or to perform audit procedures as the number and types of leases varies significantly by organization. Time associated with GASB 87 will be tracked and billed separately. It is imperative that the GASB 87 work be fully completed prior to the interim audit, which typically occurs during the summer.

Non-Single Audit Engagement

A federal single audit is required by the OMB's Uniform Guidance when federal funds over \$750,000 are expended. Federal single audit fees vary based on the number of major programs as defined by OMB. The additional technical verbiage that is necessary when a federal single audit is required is not included within this engagement letter, nor does the proposed engagement fee include additional fees related to a federal single audit.

A state single audit is required when grant funds that originated from the State of Texas (this does not include federal monies passed through the State) over \$750,000 are expended. State single audit fees vary based on the number of major programs as defined by the *State of Texas Single Audit Circular*. The additional technical verbiage that is necessary when a state single audit is required is not included within this engagement letter, nor does the proposed engagement fee include additional fees related to a state single audit.

Should you exceed the federal and/or state single audit thresholds, a new engagement letter will be required.

Billing Protocol

Our invoices for these fees will be rendered each month as work progresses and are payable on presentation. Generally, 40 percent will be billed and payable upon completion of interim audit procedures (normally one to four months before year end) and 60 percent after a draft of the financial statements is issued. Accordingly, the fee will be split 40/60 between budget years. In accordance with our firm policies, work may be suspended if your account becomes 30 days or more overdue and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

Reporting

We will issue a written report upon completion of our audit of the City's financial statements. Our report will be addressed to those charged with governance of the City. Circumstances may arise in which our report may differ from its expected form and content based on the results of the audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinions or add an emphasis of matter or other matter paragraph to our auditors' report or, if necessary, withdraw from this engagement. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or withdraw from the engagement.

Foreign Terrorists Organizations

Pursuant to Chapter 2252, Texas Government Code, we represent and certify that, at the time of execution of this letter, neither we nor any wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the same (i) engages in business with Iran, Sudan, or any foreign terrorist organization as described in Chapters 806 or 807 of the Texas Government Code or Subchapter F of Chapter 2252 of the Texas Government Code or (ii) is a company listed by the Texas Comptroller of Public Accounts under Sections 806.051, 807.051, or 2252.153 of the Texas Government Code. The term 'foreign terrorist organization' in this paragraph has the meaning assigned to such term in Section 2252.151 of the Texas Government Code.

Vendor Representation Regarding Israel

Pursuant to Chapter 2271, Texas Government Code, we represent that we do not boycott Israel and will not boycott Israel during the term of the contract. The term 'boycott Israel' shall have the meaning ascribed to this term in

Section 808.001 of the Texas Government Code.

Required Non-Appropriation Clause

Notwithstanding anything contained in this engagement to the contrary, in the event no funds or insufficient funds are appropriated and budgeted or are otherwise unavailable in any fiscal period for fees due under this engagement agreement, the City will immediately notify us in writing of such occurrence and this agreement shall terminate on the last day of the fiscal period for which appropriations have been received or made.

Authorization of CPA's Disclosure

Any client certified public accountant involved with assisting us shall not be prohibited from disclosure of information required to be made available by the standards of the public accounting profession in reporting on the examination of financial statements. Management understands and provides permission to staff certificate or registration holders as required under the Rules of Professional Conduct, Texas Administrative Code, Title 22, Part 22, Chapter 501, Subchapter C, Section 501.75.

We appreciate the opportunity to be of service to the City and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Sincerely,

Belt Harris Pechacek, LLLP
Certified Public Accountants

Authorized by:



Robert Belt, CPA, CGMA
Managing Partner

RESPONSE:

This letter correctly sets forth the understanding of City of Bunker Hill Village.

The Honorable Robert P. Lord, Mayor

Date



Report on the Firm's System of Quality Control

January 5, 2022

To the Partners of Belt, Harris, Pechacek, LLLP
and the Texas Society of CPAs Peer Review Committee

We have reviewed the system of quality control for the accounting and auditing practice of Belt, Harris, Pechacek, LLLP (the firm) in effect for the year June 30, 2021. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants (Standards).

A summary of the nature, objectives, scope, limitation of, and the procedures performed in a System Review as described in the standards may be found at www.aicpa.org/prsummary. The summary also includes an explanation of how engagements identified as not performed or reported in conformity with applicable professional standards, if any, are evaluated by a peer reviewer to determine a peer review rating.

Firm's Responsibility

The firm is responsible for designing a system of quality control and complying with it to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. The firm is also responsible for evaluating actions to promptly remediate engagements deemed as not performed or reported in conformity with professional standards, when appropriate, and for remediating weaknesses in its system of quality control, if any.

Peer Reviewer's Responsibility

Our responsibility is to express an opinion on the design of the system of quality control and the firm's compliance therewith based on our review.

Required Selections and Considerations

Engagements selected for review included engagements performed under *Government Auditing Standards*, including a compliance audit under the Single Audit Act.

As part of our peer review, we considered reviews by regulatory entities as communicated by the firm, if applicable, in determining the nature and extent of our procedures.

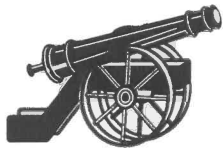
Opinion

In our opinion, the system of quality control for the accounting and auditing practice of Belt, Harris, Pechacek, LLLP, in effect for the year ended June 30, 2021, has been suitable designed or complied with to provide the firm with reasonable assurance of performing the reporting in conformity with applicable standards in all material respects. Firms can receive a rating of *pass*, *pass with deficiency(ies)*, or *fail*. Belt, Harris, Pechacek, LLLP, has received a peer review rating of *pass*.

Very truly yours,

MWH Group, P.C.

MWH Group, PC



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XI

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO APPROVE A PLAN AND BUDGET FOR LANDSCAPING ALONG TAYLORCREST COURT**

Exhibits: Taylor Crest Court – Location Map & Site Map

Clearance: Steve Smith, Director of Public Works/Building Official
Karen Glynn, City Administrator

Executive Summary

The Taylorcrest Court Fence and Landscaping were discussed with the City Council at the August 2022 Meeting. Staff explained the project and presented a proposed budget and plan. The City's Detention Project required that a drainage line be installed along the property line between Taylorcrest Court and the school, which includes the City right-of-way. As a result, the existing fencing and bamboo were removed. Staff had proposed a black chained link fence and had ordered the materials. The residents along Taylorcrest Court voiced concerns and requested a wooden fence, therefore a restocking fee was included in the proposed costs presented.

Councilmember Rosenbaum voiced her opposition to the portion of the plan that included re-establishing the landscaping in the City's right-of-way. She shared her desire to be consistent with other areas of the City where neighborhoods have right-of-way use agreements. The City Council discussed this item and concerns raised on the landscaping as well as the proposed cost for the fence.

Council directed staff to put out a "Request for Proposals" for construction of an 8- foot double-sided and single-sided fence with approval of an amount up to \$49,000.00 and to pay the restocking fee up to \$2,800.00 for the black chain link fence. There was no approval to fund any landscaping. Council recommended further discussion with the property owners and more discussion at the September Meeting.

The "Request for Proposal" process for the fence was successful in receiving a better price for the fence; Staff received a single bid:

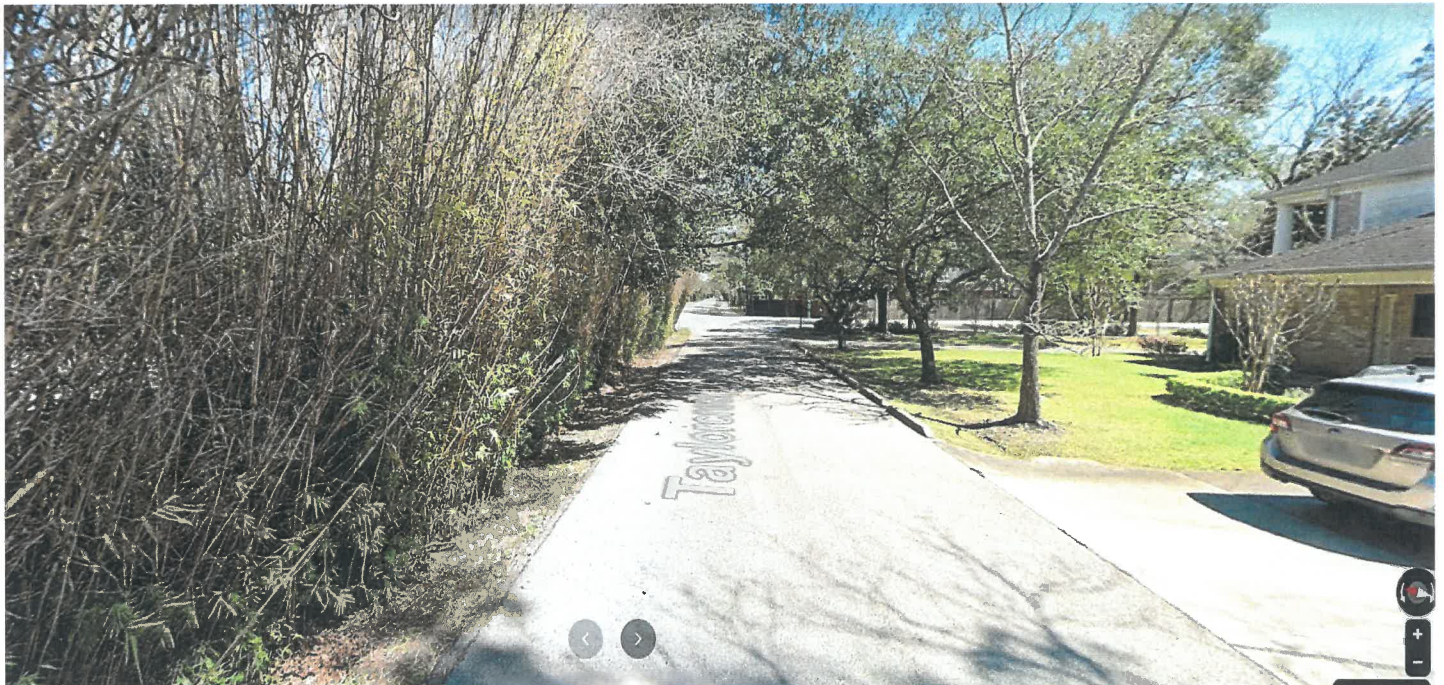
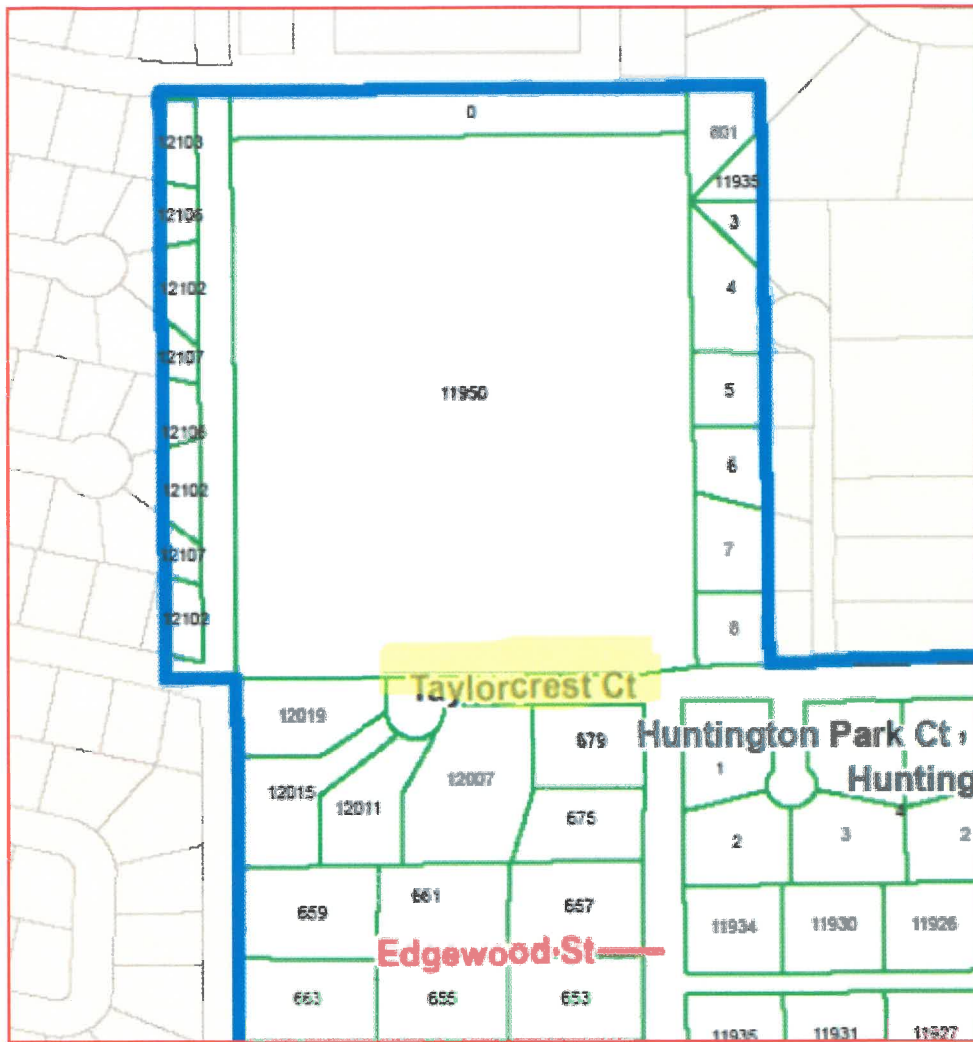
- \$21,526.00 for an 8- foot double-sided fence
- \$17,404.00 for an 8- foot single-sided fence

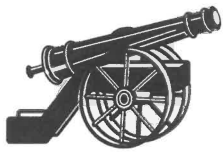
In discussion with Mayor Lord, the 8- foot double-sided fence was approved and has been installed.

Council Member Laurie Rosenbaum and Staff met with the residents on September 7, 2022 to share the results of the Council Meeting and concerns for consistency with the landscaping. A follow up meeting has been planned with Mayor Lord, Councilmember Thode, and City Administrator Karen Glynn on Sunday, September 18, 2022.

This action will allow the City Council to set a budget for the Taylorcrest Court landscaping, if so desired.

Taylorcrest Court – Location Map & Site Map





CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XII

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO AUTHORIZE CHANGE ORDER NO. 2 TO THE CURRENT CONTRACT WITH ALSAY, INC. FOR A TIME EXTENSION TO THE CONTRACT FOR AN ADDITIONAL 390 CALENDAR DAYS**

Exhibit: Change Order No. 2

Clearance: Steve Smith, Director of Public Works/Building Official
Karen Glynn, City Administrator
Susan Grass, Finance Manager

Budget: *No Cost for Time Extension*

Executive Summary

Alsay, Inc., the contractor for the drilling of Water Well 5, has been delayed in construction due to material unavailability and shipping delays for well equipment. Staff and our engineer have been working with our contractor as various delivery delays were encountered. The delays in completion of the project have also been a challenge to coordinate with Bunker Hill Elementary School Construction. We have asked our contractor to delay certain operations to allow for activities with the school opening and ensure a successful start of school.

The Notice to Proceed for the project was issued on May 10, 2021 with a contract completion time of 150 days making the current end of contract October 7, 2021. The well construction needed to be coordinated with the sitework construction which was under construction by a separate contractor. The sitework contractor experienced multiple material delays. As a result, the well construction schedule had to be adjusted as well. The well contractor had received notification to postpone completion from the City's engineer until further notice once the delays were encountered for the site work.

Staff and the City's Engineer requested Alsay, Inc. to submit an extension to the contract to ensure successful completion with the sitework and start-up of the well. Alsay requested an additional 390 calendar days to complete the project. The new adjusted contract completion date would be November 1, 2022. There is no request to change the cost of the project

The contractor currently only has start up operations remaining. Depending on the delivery of some delayed electrical equipment, which is expected this week, staff could see the well pump and motor operational within two weeks. Actual pumping of water to the Taylorcrest Water Plant is expected by the end of December. As with the Water Well 5 sitework project, there have been material delays for the last segment of the transmission main project. This material is expected to be delivered in October.

Staff is recommending approval of this requested time extension.

CHANGE ORDER NO. 2

September 8, 2022

Mr. Robert P. Lord, Mayor
and City Council
City of Bunker Hill Village
1977 Memorial Drive
Houston, Texas 77024

Subject: Request for approval of rates on labor and/or materials and/or equipment.

Contractor: Alsay, Inc.

Project: Construction of Water Well No. 5
LEI Job No. 200-020, Contract No. 1A

Original Contract Amount As Executed: \$2,301,390.00

Dear Mr. Lord and City Council:

Your approval is requested on the following items for the above referenced project.

Description

Total Amount This Change Order No. 2	\$ 0.00
Total Change Order No. 1	\$ 12,600.00
Original Contract Amount	<u>\$2,301,390.00</u>
Adjusted Contract Amount	\$2,313,990.00

Original Contract Time	150 Calendar Days
Extension of Time Change Order No. 1	0 Calendar Days
Extension of Time This Change Order No. 2	<u>390</u> Calendar Days
Total Time With Extensions for This Change Order No. 2	540 Calendar Days

Change Order No. 1 and No. 2 represents a 0.99% increase in the Original Contract Amount.

Except as setforth hereinbefore, no conditions or covenants of the Contract are changed and/or waived hereby.

SUBMITTED FOR APPROVAL:

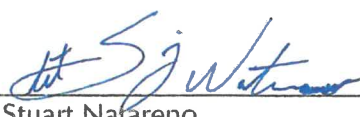
ACCEPTED:

LANGFORD ENGINEERING, INC.

ALSAY, INC.

By: 

Jacob Floyd, P.E.
Senior Project Manager

By: 

Stuart Natareno
Project Manager

Date 9/8/2022

Date 9/12/2022

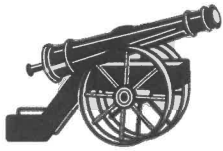
APPROVED:

CITY OF BUNKER HILL VILLAGE

(seal)

By: _____
Robert P. Lord, Mayor

Date _____



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XIII

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO AUTHORIZE CHANGE ORDER NO. 3 TO THE CURRENT CONTRACT WITH MCDONALD MUNICIPAL AND INDUSTRIAL FOR WATER WELL NO. 5 SITEWORK FOR ADDITIONAL ELECTRICAL WORK IN AN AMOUNT NOT TO EXCEED \$6,800.00 AND A 30 DAY EXTENSION OF TIME**

Exhibit: Change Order No. 3

Clearance: Steve Smith, Director of Public Works/Building Official
Karen Glynn, City Administrator
Susan Grass, Finance Manager

Budget: WW5 Project Contingency

Executive Summary

Staff and the City's engineer have been working through adding an electrical circuit to the site for Water Well No. 5 to allow for the operation of the water re-use irrigation system. This work includes expanding the electrical panel and adding a conduit around the perimeter of the site wall.

The City's Contractor, McDonald Municipal and Industrial has submitted the attached change order in an amount not to exceed \$6,800.00 to perform this work. In addition, McDonald has requested an additional 30 days be added to the contract. Funding for this work is available from the contingency for the Water Well 5 project.

Staff is recommending approval of Change Order Number 3 in an amount not to exceed \$6,800.00 and a 30-day extension.

CHANGE ORDER NO. 3

August 23, 2022

Mr. Robert P. Lord, Mayor
and City Council
City of Bunker Hill Village
1977 Memorial Drive
Houston, Texas 77024

Subject: Request for approval of rates on labor and/or materials and/or equipment.

Contractor: McDonald Municipal & Industrial

Project: Construction of Water Well No. 5, Site Improvements
LEI Job No. 200-020, Contract No. 1B

Original Contract Amount As Executed: \$1,527,469.00

Dear Mr. Lord and City Council:

Your approval is requested on the following items for the above referenced project.

<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Each</u>	<u>Cost</u>
1. Electrical Improvements for Irrigation System at Well No. 5	1	L.S.	\$6,800.00	\$ <u>6,800.00</u>
Total Amount This Change Order No. 3				\$ 6,800.00
Total Change Order No. 2				\$ 0.00
Total Change Order No. 1				\$ 4,177.00
Original Contract Amount				<u>\$1,527,469.00</u>
Adjusted Contract Amount				\$1,538,446.00

Change Order No. 3
200-020, Contract No. 1B

August 18, 2022
Page 2

Original Contract Time	180 Calendar Days
Extension of time This Change Order No. 3	30 Calendar Days
Extension of Time Change Order No. 2	105 Calendar Days
Extension of Time Change Order No. 1	<u> 0 </u> Calendar Days
Total Time With Extensions for This Change Order No. 2	315 Calendar Days

Change Order No. 1, No. 2, and No. 3 represents a 0.9929% increase in the Original Contract Amount.

Except as setforth hereinbefore, no conditions or covenants of the Contract are changed and/or waived hereby.

SUBMITTED FOR APPROVAL:

ACCEPTED:

LANGFORD ENGINEERING, INC.

MCDONALD MUNICIPAL AND INDUSTRIAL

By: _____

Jacob Floyd, P.E.
Senior Project Manager

By: _____

Wayne Berkenmeier
Vice President – Special Projects

Date 08/23/2022

Date 08-23-22

APPROVED:

CITY OF BUNKER HILL VILLAGE

(seal)

By: _____

Robert P. Lord, Mayor

Date _____

Jacob Floyd

From: Robert Gutierrez <robert@mcdonaldinc.com>
Sent: Friday, August 12, 2022 2:23 PM
To: Jacob Floyd
Subject: Change order for irrigation power

Follow Up Flag: Follow up
Flag Status: Completed

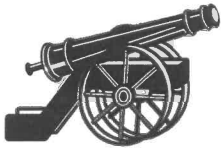
Jacob,
I had Wayne price this up, this is what we would do. For \$6800

dedicated 20 Receptacle outside the building
run a 1inch rigid conduit down low on the wall all the way to the back
set a single phase disconnect 30amp no receptacle I believe the pump they will be using is a hard-wired unit

Let me know what you think and if to move forward with this.

Thanks,

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CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XIV

Subject/Proceeding: CONSIDERATION AND POSSIBLE ACTION TO AUTHORIZE CHANGE ORDERS TO THE CURRENT CONTRACT WITH METRO CITY, LLC FOR ADDITIONAL WORK ON THE CHAPEL BELLE AND TAMERLAINE PROJECT:

Change Order No. 9 in an amount not to exceed \$1,906.30

Change Order No. 10 in an amount not to exceed \$21,663.69

Exhibits: Change Order Nos. 9 and 10

Clearance: Steve Smith, Director of Public Works/Building Official
Karen Glynn, City Administrator
Susan Grass, Finance Manager

Budget: Project Contingency in the Capital Project Fund

Executive Summary

The City of Bunker Hill Village's 2021 and 2022 Capital Improvements Plan includes reconstruction of the pavement and drainage infrastructure for Chapel Belle and a segment of Tamerlaine. The construction contract was approved in January 2022 and awarded to Metro City, LLC. The project is going very well and the Project Team has been very pleased with the work provided by Metro City, LLC.

The following outlines the change orders that will be presented for Council's consideration and possible action:

Proposed Change Order No. 9 is for the replacement of a sidewalk to allow the proper drainage for 327 Chapel Belle after the construction of the new street. The design of the new street was slightly higher to allow for new storm water inlets which resulted in water pooling with the old sidewalk. The cost of this work is \$1,906.30. This work can be funded from the project contingency.

Proposed Change Order No. 10 is to fund additional pavement replacement on Tamerlaine. An area adjacent to the planned project on Tamerlaine appears to have settled since the original evaluation of the street. Replacement of this additional section of street was recommended by our engineering consultants after a recent inspection. Cost of this change is \$21,663.69 and can be funded from the project contingency.

The project funding chart below shows that with approval of these items, \$26,327.41 would be remaining in the project funding. Staff recommends approval of the change orders and the increase in materials testing. Please note that the original contract amount for Lloyd Smitha has been reduced by \$30,000. Staff worked with Lloyd Smitha to evaluate work remaining and is confident that funding is available for the additional work requested.

PROJECT ITEM	Contract Amounts	Funding this Project
Metro City Original Contract Including Tamerlaine	\$ 996,395.00	\$ 996,395.00
Change Order 1	\$ 20,512.17	\$ -
Change Order 2	\$ (5,176.61)	\$ (5,176.61)
Change Order 3	\$ -	\$ -
Change Order 4	\$ 14,573.95	\$ 4,360.67
Change Order 5	\$ 26,621.35	\$ -
Change Order 6	\$ 20,057.44	\$ -
Change Order 7	\$ 3,699.54	\$ 3,699.54
Change Order 8	\$ 6,535.00	\$ 6,535.00
Change Order 9	\$ 1,906.30	\$ 1,906.30
Change Order 10	\$ 21,663.69	\$ 21,663.69
Total Contract	\$ 1,106,787.83	\$ 1,029,383.59
RPS Construction Phase Services (Including Testing)	\$ 60,078.00	\$ 60,078.00
Additional Testing	\$ 14,211.00	\$ 14,211.00
Total RPS	\$ 74,289.00	\$ 74,289.00
Lloyd Smitha Construction Management	\$ 70,000.00	\$ 70,000.00
TOTAL PROJECT	\$ 1,251,076.83	\$ 1,173,672.59
2022 CHAPEL BELL FUNDING		\$ 1,200,000.00
REMAINING CONTINGENCY		\$ 26,327.41

To Date the Change Orders to the Chapel Belle Project include:

- Change Order No. 1- was approved at the January Council Meeting which added \$20,512.17 in work by this Contractor for the construction of the traffic barrier at the intersection of Taylorcrest Road and Bunker Hill Road. *This work is now complete and was funded out of the City's Maintenance and Operations Account*
- Change Order No. 2 was submitted in April 2022 to Council for a net decrease to the contract of \$5,176.61.
- Change Order No. 3 – Extension of the Warranty for Chapel Belle from a One-Year Warranty Period to a Two-Year Warranty Period – *No Cost*

- Change Order No. 4 – Addition of (1) 48” x 48” storm manhole, resolution of conflict with sanitary sewer main, repair & replacement of sanitary sewer line - \$14,573.95 *Funded with Project Contingency and wastewater rehab funds*
- Change Order No. 5 -- Installation of Drainage Improvements on Eaton Court as Recommended by the City’s Drainage Committee – \$35,000.00 *To Be Funded from a 2022 CIP Budget Amendment*
- Change Order No. 6 -- Installation of the Sidewalk for 11646 Memorial Drive – \$25,000.00 *To Be Funded from a 2022 CIP Budget Amendment*
- Change Order No. 7 – Inlet extension in Chapel Belle cul-de-sac \$3,699.54 *Funded with Project Contingency*
- Change Order No. 8 – Additional stabilization of base for Chapel Belle cul-de-sac \$6,535.00. *Funded with Project Contingency*

It has been very helpful to have utilized Metro City for other projects. Being able to “change order” this work has been a savings to the City in reduced engineering costs and the procurement process.

CHANGE ORDER NO. 9

Contractor: Metro City, LLC Date 09/12/2022

Description:

1. Additional \$363.93 for the removal and disposal of 17.33 SY of the existing sidewalk at 327 Chapel Belle.
2. Additional \$1,542.37 for the inclusion of 17.33 SY of Concrete Sidewalk at 327 Chapel Belle.

Reasons for Change Order:

1. The additional 17.33 SY of concrete sidewalk was not included in the original contract and has been requested due to the new curb and roadway elevation not matching the existing sidewalk.

CONTRACT PRICE		CONTRACT TIMES (Calendar Days)	
		To substantial Completion	To final Completion
Total Original Contract:	\$ 996,395.00	Original: 200	200
Previous C.O.s (DEDUCT):	\$ 86,822.84	Previous C.O.s (DEDUCT):	
This C.O. (DEDUCT):	\$ 1,906.30	This C.O. (DEDUCT):	
Contract Price with all approved Change Orders:	\$ 1,085,124.14 + 8.91%	REVISED: 230	230
		Original Completion Date:	9/02/22
		Revised Completion Date:	10/02/22

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

RECOMMENDED:

By:  _____ 9/13/22
Engineer (Authorized Signature) Date

APPROVED:

By: _____ Date
Owner (Authorized Signature)

ACCEPTED:

By:  _____ 9/13/22
Contractor (Authorized Signature) Date

CHANGE ORDER NO. 10

Contractor: Metro City, LLC Date 09/12/2022

Description:

1. Additional \$21,663.69 for the inclusion of additional paving on Tamerlaine Drive.

Reasons for Change Order:

1. The additional paving on Tamerlaine Drive was not included in the original contract and has been requested due to ponding along the gutter of Tamerlaine Drive.

CONTRACT PRICE		CONTRACT TIMES (Calendar Days)	
		To substantial Completion	To final Completion
Total Original Contract:	\$ 996,395.00	Original: 200	200
Previous C.O.s (DEDUCT):	\$ 88,729.14	Previous C.O.s (DEDUCT):	
This C.O. (DEDUCT):	\$ 21,663.69	This C.O. (DEDUCT):	
Contract Price with all approved Change Orders:	\$ 1,106,787.83 + 11.08%	REVISED: 230	230
		Original Completion Date:	09/02/22
		Revised Completion Date:	10/02/22

The Contractor agrees that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

RECOMMENDED:

By:  _____ 9/13/22
Engineer (Authorized Signature) Date

APPROVED:

By: _____
Owner (Authorized Signature) Date

ACCEPTED:

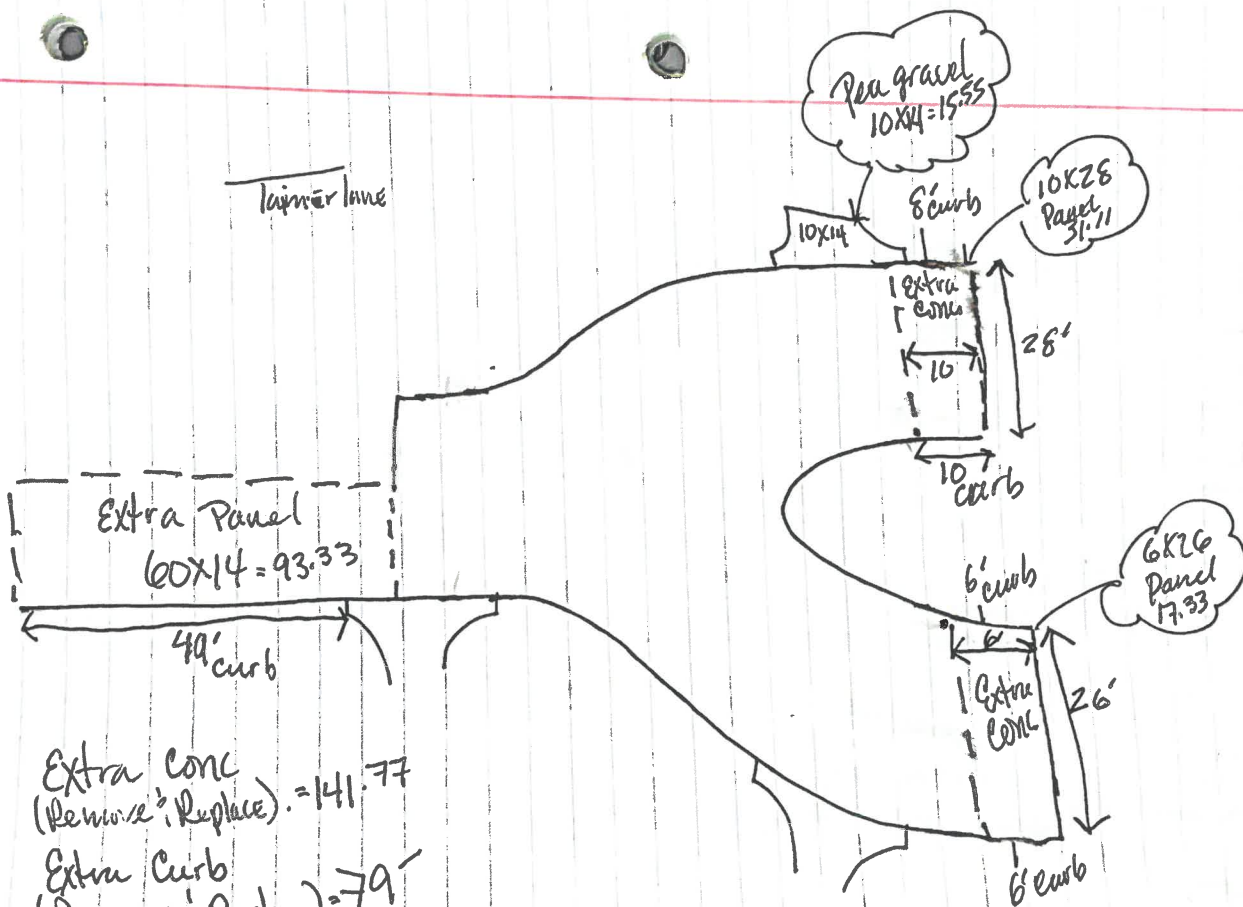
By:  _____ 9/13/22
Contractor (Authorized Signature) Date

CHANGE PROPOSAL



TO: Mike McClung PE, CFM, ENV SP RPS North America 575 N. Dairy Ashford, Suite 700 Houston, Texas 77079	PROPOSAL # DATE DATE NEEDED BY PROJECT #	9 9/6/22 Open 312																																													
PROJECT: City of Bunker Hill Paving and Drainage Improvements for Chapel Belle Lane and Tamerlaine Drive																																															
DESCRIPTION OF CHANGE A request was made to add additional paving on Tamerlaine Drive																																															
REASON FOR CHANGE To remove ponding of water along the gutter of Tamerlaine.																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">OVERRUNS/UNDERRUNS</th> <th></th> <th></th> <th></th> <th style="text-align: right;">ADDITIONAL COST</th> </tr> </thead> <tbody> <tr> <td>6 - Remove & Dispose Existing - Driveway</td> <td style="text-align: right;">15.55</td> <td style="text-align: right;">\$ 17.00</td> <td style="text-align: right;">\$ 264.35</td> <td>LABOR:</td> </tr> <tr> <td>8 - Remove & Dispose Existing - Curb</td> <td style="text-align: right;">79.00</td> <td style="text-align: right;">\$ 2.00</td> <td style="text-align: right;">\$ 158.00</td> <td>EQUIP:</td> </tr> <tr> <td>9 - Remove and Dispose Existing - Pavement</td> <td style="text-align: right;">141.77</td> <td style="text-align: right;">\$ 9.00</td> <td style="text-align: right;">\$ 1,275.93</td> <td>MATERIAL:</td> </tr> <tr> <td>10 - 6" Concrete Paving</td> <td style="text-align: right;">141.77</td> <td style="text-align: right;">\$ 78.00</td> <td style="text-align: right;">\$ 11,058.06</td> <td>SUBCONTRACTOR</td> </tr> <tr> <td>11 - 6" Cement Stablization</td> <td style="text-align: right;">141.77</td> <td style="text-align: right;">\$ 35.00</td> <td style="text-align: right;">\$ 4,961.95</td> <td>BONDS/FEES/OH:</td> </tr> <tr> <td>14 - 6" Concrete Curb</td> <td style="text-align: right;">79</td> <td style="text-align: right;">\$ 9.00</td> <td style="text-align: right;">\$ 711.00</td> <td>PROFIT</td> </tr> <tr> <td>24 - Pebble Driveways</td> <td style="text-align: right;">15.55</td> <td style="text-align: right;">\$ 208.00</td> <td style="text-align: right;">\$ 3,234.40</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black;">\$ 21,663.69</td> <td></td> </tr> </tbody> </table>			OVERRUNS/UNDERRUNS				ADDITIONAL COST	6 - Remove & Dispose Existing - Driveway	15.55	\$ 17.00	\$ 264.35	LABOR:	8 - Remove & Dispose Existing - Curb	79.00	\$ 2.00	\$ 158.00	EQUIP:	9 - Remove and Dispose Existing - Pavement	141.77	\$ 9.00	\$ 1,275.93	MATERIAL:	10 - 6" Concrete Paving	141.77	\$ 78.00	\$ 11,058.06	SUBCONTRACTOR	11 - 6" Cement Stablization	141.77	\$ 35.00	\$ 4,961.95	BONDS/FEES/OH:	14 - 6" Concrete Curb	79	\$ 9.00	\$ 711.00	PROFIT	24 - Pebble Driveways	15.55	\$ 208.00	\$ 3,234.40					\$ 21,663.69	
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CONTACT TIME CHANGE AMOUNT: 7																																															
 SUBMITTED BY: Tony Rodriguez - President																																															

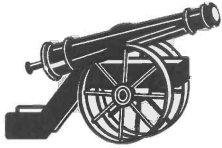
Inner Lane



Extra Conc
(Remove & Replace) = 141.77

Extra Curb
(Remove & Replace) = 79

Extra Driveway
(Remove & Replace) = 15.55



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XV and XVI

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO APPROVE RESOLUTION NO. 09-20-2022, A CERTIFICATE OF FORMATION AND IN ADDITION, BYLAWS FOR THE CREATION OF A LOCAL GOVERNMENT CORPORATION, A NON-PROFIT CORPORATION**

Exhibits: Resolution No. 09-20-2022
Certificate of Formation
Proposed Bylaws of BHV, Inc.

Clearance: Karen Glynn, City Administrator/Acting City Secretary

Executive Summary

This item was previously included on the August City Council Agenda; however, no action was taken. The City Attorney has provided the following attachments for review:

- *Resolution No. 09-20-2022*
- *Certificate of Formation*
- *Proposed Bylaws*

Background

The concept of the City creating a Non-Profit Corporation to accept donations was discussed at the May 2022 Meeting. The Mayor was approached by residents who wanted the opportunity to donate to the City to thank our Public Works Staff for their help, especially during the winter storm. A Non-Profit Corporation would be a means to allow donations.

At the May Meeting, the Council directed the City Attorney to begin this process by way of drafting proposed bylaws and wanted to ensure the corporation would require specific details in order for the City to utilize donations in this way.

The Mayor and City Attorney have been under discussion regarding the bylaws. The City Attorney has developed a draft including the Resolution, Formation, and Bylaws for discussion and possibly Council consideration.

RESOLUTION NO. 09-20-2022

**A RESOLUTION OF THE CITY OF BUNKER HILL VILLAGE, TEXAS
APPROVING THE CREATION OF THE BHV, INC. A NON-PROFIT
CORPORATION.**

* * * * *

WHEREAS, the City Council of the City of Bunker Hill Village, Texas finds it to be in the best interest of the health, safety and welfare of the citizens of the City to create a non-profit corporation for accepting donations and grants to better the city and community; now, therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BUNKER HILL VILLAGE, TEXAS:

Section 1. The facts and matters set forth in the preamble are hereby found to be true and correct.

Section 2. The Certificate of Formation for the creation of BHV, Inc., a Texas Non-profit Corporation is hereby authorized.

RESOLVED THIS THE 20th day of September, 2022.

Robert P. Lord, Mayor

ATTEST:

Karen Glynn, Acting City Secretary

CERTIFICATE OF FORMATION

OF

BHV, INC.

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

We, Robert P. Lord and Karen Glynn, being the presiding officer and secretary of the governing body of the City of Bunker Hill Village, Texas (the “City”), the unit of government under whose auspices is hereby created BHV, Inc., (the “Corporation”), a nonprofit corporation organized under Chapter 22 of the Texas Business Corporations Code (“The Nonprofit Corporation Act”), acting herein with the approval and at the direction of the governing body of the City, do hereby make and subscribe this Certificate of Formation as follows:

ARTICLE ONE

The name of the Corporation is “BHV, Inc.”

ARTICLE TWO

The Corporation is a nonprofit corporation and is a nonprofit corporation created pursuant to the Nonprofit Corporation Act (the “Act”). In the event of any conflict between any provision of this Certificate of Formation and the Act, then the provisions of the Act shall control.

ARTICLE THREE

The period of duration of the Corporation is perpetual.

ARTICLE FOUR

The Corporation is organized for any and all purposes lawfully permitted by the Section 501(c)(3) of the Internal Revenue Code, as amended. The Corporation is a constituted authority and a public instrumentality within the meaning of the United States Treasury Department and the rulings of the Internal Revenue Service prescribed and promulgated pursuant to Section 103 of the Internal Revenue Code of 1954, as amended, and the Corporation is authorized to act on behalf of the City as provided in this Certificate of Formation. However, the Corporation is not a political subdivision or political corporation of the State of Texas within the meaning of its Constitution and laws, including, without limitation, Article III, Section 52, of said Constitution, and no agreements, bonds, debts, or obligations of the Corporation are or shall ever be deemed to be the agreements, bonds, debts, or obligations, or the lending of credit, or a grant of public money or thing of value, of or by the City, or any other political corporation, subdivision, or agency of the State of Texas, or a pledge of the faith and credit of any of them.

ARTICLE FIVE

The Corporation has no members and is a nonstock corporation.

ARTICLE SIX

This Certificate of Formation may at any time and from time to time be amended as provided in the Act, as it now exists or may be hereafter amended, so as to make any changes therein and to add any provisions thereto which might have been included in this Certificate of Formation in the first instance. Any such amendment shall be affected in either of the following manners: (i) The members of the Board of Directors of the Corporation shall file with the governing body of the City a written application requesting approval of the amendments to the Articles of Incorporation, specifying in such application the amendments proposed to be made.

The governing body shall consider such application and, if it shall by appropriate resolution duly find and determine it is advisable that the proposed amendments be made, shall approve the form of the proposed amendments. The Board of Directors of the Corporation may then amend the Articles of Incorporation by adopting such amendments at a meeting of the Board of Directors and then delivering articles of amendment to the Secretary of State, or (ii) The governing body of the City may, at its sole discretion, and at any time, amend this Certificate of Formation, and alter or change the structure, organization, programs or activities of the Corporation, or terminate or dissolve the Corporation (subject to the provisions of the Act, and subject to any limitation provided by the Constitutions and laws of the State of Texas and the United States of America on the impairment of contracts entered into by the Corporation) by written resolution adopting the amendment to the Articles of Incorporation of the Corporation or articles of dissolution at a meeting of the governing body of the City and then delivering articles of amendment or dissolution to the Secretary of State, as provided in the Act. Restated Articles of Incorporation may be filed with the Secretary of State as provided in the Act.

ARTICLE SEVEN

The street address of the present registered office of the Corporation is Bunker Hill Village City Hall, 11977 Memorial Drive, Houston, Texas 77024, and the name of its present registered agent is Robert Lord.

ARTICLE EIGHT

The affairs of the Corporation shall be managed by a Board of Directors consisting of six (6) members of the governing body of the City for terms of office coinciding with their respective terms of office with the City, plus one additional member whose term of office shall

coincide with the term of the Office of the Mayor. The names, street addresses, and terms of the initial Board of Directors are as follows:

	<u>Name and Address</u>	<u>Term Expiration Date</u>
(1)	Robert Lord 11977 Memorial Drive Houston, Texas 77024	5/2023
(2)	Laurie Rosenbaum 11977 Memorial Drive Houston, Texas 77024	5/2023
(3)	Keith Brown 11977 Memorial Drive Houston, Texas 77024	5/2023
(4)	Susan Schwartz 11977 Memorial Drive Houston, Texas 77024	5/2024
(5)	Eric Thode 11977 Memorial Drive Houston, Texas 77024	5/2024
(6)	Carl Moerer 11977 Memorial Drive Houston, Texas 77024	5/2024
(7)	Will Franklin 11977 Memorial Drive Houston, Texas 77024	5/2023

Each Director must reside within the City and if such residence ceases, it shall be deemed as a resignation. Directors are removable by the governing body of the City at any time without cause. The Directors shall serve without compensation, unless compensation is proposed and approved by the City's governing body, said compensation in no event to exceed the compensation of the elected officers of the City's governing body, except that such Directors shall be reimbursed for their actual expenses incurred in the performance of their duties. Any

vacancy occurring on the Board of Directors through death, resignation, or otherwise shall be filled by appointment by the governing body of the City, said appointee to hold office until the expiration of the relinquished term.

ARTICLE NINE

The City has specifically authorized the Corporation by Resolution to act on its behalf to further the public purposes stated in said Resolution and this Certificate of Formation, and the City has by said Resolution approved this Certificate of Formation. A copy of such Resolution is attached to this Certificate of Formation and made a part hereof for all purposes.

ARTICLE TEN

No dividends shall ever be paid by the Corporation and no part of its net earnings remaining after payment of expenses shall be distributed to or inure to the benefit of its Directors or officers or any individual, firm, corporation or association, except that in the event the Board of Directors shall determine that sufficient provision has been made for the full payment of the expenses, bonds and other obligations of the Corporation, and if no further income or expenses are anticipated or expected or due, then any net earnings of the Corporation thereafter accruing shall be paid to the City. No part of the Corporation's activities shall be carrying on of propaganda, or otherwise attempting to influence legislation, including but not limited to the legislation of the City, and the Corporation as an entity, or any person on its behalf, shall not participate in, or intervene in (including the publishing or distributing of statements), any political campaign on behalf of or in opposition to any candidate for public office.

ARTICLE ELEVEN

If the Corporation ever should be dissolved when it has, or is entitled to, any interest in any funds or property of any kind, real, personal, or mixed, such funds or property or rights

thereto shall not be transferred to private ownership, but shall be transferred and delivered to the City after satisfaction or provision for satisfaction of debts and claims.

ARTICLE TWELVE

The name and street address of the organizer is:

Name:

Address:

Robert Lord

Bunker Hill Village City Hall
11977 Memorial Drive
Houston, Texas 77024

Signed this _____ day of _____, 2022.

Robert P. Lord, Mayor

ATTEST:

Karen Glynn, Acting City Secretary

**BYLAWS
OF
BHV, INC.**

These Bylaws govern the affairs of BHV, Inc. (the "Corporation"), a Texas nonprofit corporation created pursuant to the Texas Non-profit Corporation Act (the "Act"), and other applicable laws.

ARTICLE I

PURPOSE

Public Purpose

- 1.01. The Corporation is incorporated as a nonprofit corporation for the purposes set forth in the Certificate of Formation. The Corporation is a nonprofit corporation as defined by the Internal Revenue Code of 1986, as amended, and the applicable rulings of the Internal Revenue Service of the United States prescribed and promulgated thereunder.

Powers

- 1.02. In the fulfillment of its corporate purpose, the Corporation shall be governed by the Texas Nonprofit Corporation Act, and shall have all of the powers set forth and conferred in its Certificate of Formation, in the Act, and in other applicable law, subject to the limitations prescribed herein.

ARTICLE II

OFFICES

Principal Office

- 2.01. The Corporation's principal office in Texas is located at 11977 Memorial Drive, Houston, Texas, 77024.

Registered Office and Agent

- 2.02. The Corporation shall maintain a registered office and registered agent in Texas. The registered office may, but need not, be identical with the Corporation's principal office in Texas. The Board of Directors may change the registered office and the registered agent as permitted by law.

ARTICLE III

BOARD OF DIRECTORS

Management of the Corporation

- 3.01. The affairs of the Corporation shall be managed by the Board of Directors.

Number, Qualifications and Service of Directors

- 3.02. The business of the Corporation and all corporate powers shall be executed by or under authority of the Board of Directors (the "Board") subject to the limitations imposed by the Texas Nonprofit Corporation Act, the Texas Business Corporation Act, the Certificate of Formation, and these Bylaws. The Board may, by contract, resolution, or otherwise, give general or limited or special power and authority to the officers and employees of the Corporation to transact the general business or any special business of the Corporation, and may give powers of attorney to agents of the Corporation to transact any special business requiring such authorization. The Board of Directors shall consist of the Mayor and City Council of the City of Bunker Hill, Texas together with one additional member to be appointed by the City Council of the City of Bunker Hill, Texas. The terms of the Mayor and City Council shall run concurrent with the respective terms of each member of the City Council. The additional member of the Board of Directors shall serve an initial term to expire at the end of the current term of the Mayor. Thereafter, the term of the additional member of the Board of Directors shall run concurrent with the term of the Mayor of the City of Bunker Hill, Texas.

Annual Meeting

- 3.03. The annual meeting of the Board of Directors shall be held during the month of April of each year. The Board shall designate the time and location of the annual meeting which shall be held in the principal offices of the corporation or at such other location as the Board may designate.

Regular Meetings

- 3.04. The Board of Directors may provide for regular meetings by resolution stating the time and place of such meetings. The meeting shall be held within the City of Bunker Hill, Texas, and, to the extent practical, at the principal offices of the Corporation or at such other location as the Board may designate.

Special Meetings

- 3.05. Special meetings of the Board of Directors may be called at the request of the president or any two Directors. The person(s) calling the meeting shall fix the time and location of the meeting, which meeting shall be conducted within the City of Bunker Hill, Texas, as provided above for regular meetings. The person(s) calling a special meeting shall notify the secretary of the Corporation of the information required to be included in the notice of the meeting. In addition to the posting of a meeting notice in accordance with these Bylaws, a copy of each such meeting notice shall be delivered to each Director not less than seventy two (72) hours before the time of the meeting. A meeting notice shall be deemed delivered to any Director when delivered to the Director in person or deposited in the United States mail addressed to the Director at his or her address as it appears on the records of the Corporation. Such additional notice may be waived in writing by a Director at any time either before or after the time of the meeting and such additional notice shall be deemed waived by attendance.

Notice of Meetings; OpenMeetings

- 3.06. Meetings of the Board of Directors are subject to the open meetings law, Chapter 551, Texas Government Code.

Quorum

- 3.07. Four (4) Directors shall constitute a quorum for the transaction of business at any meeting of the Board of Directors. The presence of a Director may not be established by proxy. No business shall be conducted, nor shall any action be taken by the Board, in the absence of a quorum.

Duties of Directors

- 3.08. Directors shall exercise ordinary business judgment in managing the affairs of the Corporation. In acting in their official capacity as Directors of the Corporation, Directors shall act in good faith and take actions they reasonably believe to be in the best interests of the Corporation or which would be lawful and shall refrain from actions not in the best interest of the Corporation or which would be unlawful. A Director shall not be liable if, in the exercise of ordinary care, the Director acts in good faith relying on written financial and legal statements provided by an accountant or attorney retained by the Corporation.

Actions of Board of Directors: Proxy Voting Prohibited

- 3.09. The vote of a majority of Directors present at a meeting at which a quorum is present shall be sufficient to constitute the act of the Board of Directors. The president shall be entitled to vote on all matters before the Board. A director may not vote by proxy.

Minutes

- 3.10. The Board of Directors will keep minutes of its meetings, which minutes will constitute the record of such meetings.

Committees of Directors

- 3.11. The Board of Directors may by resolution establish one or more special or standing committees of its members. Such committees shall have the powers, duties and responsibilities established by the Board. The committees shall keep regular minutes of their meetings and report the same to the Board when required. The action of such a committee shall not constitute action by the Board.

Compensation

- 3.12. The duly appointed members of the Board shall serve without compensation, but may be reimbursed for actual or commensurate cost of travel, lodging and incidental expenses while on official business of the Board in accordance with State law and the rules of the Board.

ARTICLE IV

OFFICERS

Officer Positions

- 4.01. The officers of the Corporation shall be a president, a vice president, a secretary, and a treasurer. The Board of Directors may create additional officer positions, define the authorities and duties of such additional positions and appoint persons to fill such positions. No person may hold more than one such office.

Election and Terms of Officers

- 4.02. The officers of the Corporation shall be elected annually by the Board of the Directors at the regular annual meeting.

Removal of Officers

- 4.03. Any officer may be removed by the Board of Directors at any time, with or without cause. The removal of an officer by the Board does not result in the removal of such person as a Director of the Corporation.

Vacancies

- 4.04. A vacancy in any office may be filled by the Board of Directors for the unexpired portion of the officer's term.

President

- 4.05. The president shall be the chief executive officer of the Corporation. The president shall supervise and control all of the business and affairs of the Corporation. The president shall preside at all meetings of Board of Directors. When the execution of any contract or installment shall have been authorized by the Board, then the president shall execute same except where such power is expressly delegated to another officer of the Corporation. The president shall perform other duties prescribed by the Board and all duties incident to the office of president.

Vice President

- 4.06. When the president is absent, is unable to act, or refuses to act, the vice president shall perform the duties of the president. When acting in place of the president, the vice president shall have all the powers and duties as the president and be subject to all of the limitations and restrictions placed upon the president.

Secretary

- 4.07. The secretary shall oversee that the Corporation staff perform the following duties:
- (a) Give all notices as provided in the Bylaws or as required by law.
 - (b) Take minutes of the meetings of the Board of Directors and keep the minutes as part of the corporate records.

- (c) Maintain custody of the corporate records, authenticate corporate documents and affix the seal of the Corporation as required.
- (d) Keep a register of the mailing address of each Director and officer of the Corporation.
- (e) Perform duties as assigned by the president or Board of Directors.
- (f) Perform all duties incident to the office of secretary.

Treasurer

4.08. The treasurer shall oversee that the Corporation staff perform the following duties:

- (a) Have charge and custody of and be responsible for all funds and securities of the Corporation.
- (b) Receive and give receipts for moneys due and payable to the Corporation from any source.
- (c) Deposit all moneys in the name of the Corporation in banks, trust companies, or other depositories as provided by these Bylaws.
- (d) Write checks and disburse funds to discharge obligations of the Corporation.
- (e) Maintain the financial books and records of the corporation.
- (f) Prepare financial reports at least annually.
- (g) Perform other duties as assigned by the Board of Directors.
- (h) Perform all duties incident to the office of treasurer.

Assistant Officers

4.09. Assistant officers may be created to assist the Board of Directors in the conduct of the affairs of the Corporation. Such assistant officers may be created as needed by the Board of Directors.

ARTICLE V

TRANSACTIONS OF THE CORPORATION

Contracts

5.01. The Board of Directors may by formal action or resolution authorize an officer or agent of the Corporation to enter into a contract or execute and deliver any instrument in the name of or on behalf of the Corporation. This authority may be limited to a specific contract or instrument or it may extend to any number and type of contracts and instruments.

Depository

5.02. The Board of Directors of the Corporation shall designate a depository bank. All

funds of the Corporation shall be deposited with the depository bank.

Potential Conflicts of Interest; Code of Ethics

- 5.03. The members of the Board of Directors shall be governed by the Code of Ethics of the City of Bunker Hill, Texas. If a Director has a substantial interest in a business entity or real property which is the subject of deliberation by the Board, the Director shall file an affidavit with the secretary of the corporation stating the nature and extent of the interest. Such affidavit shall be filed prior to any vote of decision upon the matter by the Board, and the interested Director shall abstain from any vote or decision upon the matter.

Transactions of the Corporation

Staff Support

- 5.04. The Corporation may contract with the City to provide legal, financial and other services for the Corporation upon terms, conditions and compensation as mutually agreeable.

Gifts

- 5.05. The Board of Directors may accept on behalf of the Corporation any gift or bequest provided for the general purposes of or for any special purpose of the Corporation. Special funds shall include all funds from government contracts and gifts designated by a donor for special purposes. All other funds shall be general funds.

Prohibited Acts

- 5.06. As long as the Corporation is in existence, no director, officer or committee member of the Corporation shall:
- (a) Do any act in violation of the Bylaws or bidding obligations of the Corporation.
 - (b) Do any act with the intention of harming the Corporation or any of its operations.
 - (c) Do any act that would make it impossible or unnecessarily difficult to carry on the intended or ordinary business of the Corporation.
 - (d) Receive an improper personal or business benefit from the operation of the Corporation.
 - (e) Use the assets of the Corporation, directly or indirectly, for any purpose other than carrying on the business of the Corporation.
 - (f) Wrongfully transfer or dispose of Corporation property, including intangible property such as goodwill.
 - (g) Use the name of the Corporation (or any substantially similar) or any trademark or trade name adopted by the Corporation, except on behalf of the Corporation in the ordinary course of the Corporation's business.
 - (h) Disclose any of the Corporation business practices, trade secrets or any other information not generally known to the business community to any

- person not authorized to receive it.
- (i) Commit Corporation funds without the prior approval of the Board of Directors.

ARTICLE VI

BOOKS AND RECORDS

Required Books and Records

- 6.01. The Corporation shall cause to be kept correct and complete books and records of account. All books and records of the Corporation may be inspected by Directors of the Corporation at any reasonable time. The Corporation's books and records shall include:
- (a) A file endorsed copy of all documents filed with the Texas Secretary of State relating to the Corporation, including, but not limited to, the certificate of formation, any articles of amendment, restated articles, and statement of change of registered office or agent.
 - (b) A copy of the Bylaws, and any amended versions or amendments to the Bylaws.
 - (c) Minutes of the proceedings of the Board of Directors.
 - (d) A list of names and addresses of the Directors and officers of the Corporation.
 - (e) A financial statement showing the assets, liabilities, and net worth of the Corporation.
 - (f) A financial statement showing the income and expenses of the Corporation.
 - (g) All rulings, letters, and other documents relating to the Corporation's federal, state and local tax status.
 - (h) The Corporation's federal, state and local information or income tax returns for each of the Corporation's tax years.

Public Information

- 6.02. The Board of Directors is subject to the public information law, Chapter 552, Government Code.

Audits

- 6.03. The Board of Directors shall provide for an independent annual audit of the Corporation's books; provided, further, that an annual audit by the City Council of the Corporation's books and records in conjunction with the annual audit of the City's books and records shall be sufficient.

ARTICLE VII

FISCAL YEAR

The fiscal year of the corporation shall begin on the first day of October and end on the last day of September.

ARTICLE VIII

AMENDMENTS TO BYLAWS

The Bylaws may be altered, amended, or repealed by the Board of Directors with the consent of the City Council of the City of Bunker Hill, Texas, as evidenced by a resolution of the City Council with the Bylaws attached.

ARTICLE IX

MISCELLANEOUS PROVISIONS

Legal Authorities Governing Construction of Bylaws

- 9.01. To the greatest extent possible, these Bylaws shall be construed to conform to all legal requirements for obtaining and maintaining all tax exemptions that may be available to nonprofit corporations. Further, the Bylaws shall be constructed in accordance with the laws of the State of Texas. All references in the Bylaws to statutes, regulations, or other sources of legal authority shall refer to the authorities cited, or their successors, as they may be amended from time to time. It is expressly provided that the provisions of the Development Corporation Act applicable to corporations governed under Chapter 505 of the Texas Local Government Code, are incorporated within these Bylaws by reference. In the event of any conflict between the applicable provisions of the Development Corporation Act and these Bylaws, then the applicable provisions of such Act shall control.

Legal Construction

- 9.02. If any Bylaw provision is held to be invalid, illegal or unenforceable in any respect, the invalidity, illegality or unenforceability shall not affect any other provision and the Bylaws shall be construed as if the invalid, illegal, or unenforceable provision had not been included in the Bylaws.

Headings

- 9.03. The headings used in the Bylaws are used for convenience and shall not be considered in constructing the terms of the Bylaws.

Seal

- 9.04. The Board of Directors may provide for a corporate seal. Such seal would contain the words "BHV, Inc."

Parties Bound

- 9.05. The Bylaws shall be binding upon and inure to the benefit of the Directors, officers and agents of the Corporation and their respective heirs, executors, administrators, legal representatives, successors and assigns except as otherwise provided in the Bylaws.

Effective Date

- 9.06. These Bylaws, and any subsequent amendments, hereto, shall be effective of and from the date upon which approval has been given both by the Board of Directors and the City Council of the City of Bunker Hill, Texas.

Miscellaneous Provisions

- 9.07. The Corporation shall indemnify any Director or officer or former Director or officer of the Corporation for the expenses and costs, including attorney fees, actually and necessarily incurred by said officer or director in connection with any claim asserted against said officer or director by action in court or otherwise by reason of such person being or having been a director or officer, except in relation to matters as to which said person shall have been guilty of negligence or misconduct in respect of the matter in which indemnity is sought.

Corporation May Provide Insurance

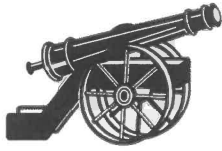
- 9.08. The Corporation may purchase and maintain insurance on behalf of any person who is or was a Director, officer, employee or agent of the Corporation to insure such person against any liability asserted against said person by reason of such person being or having been a director, officer, employee or agent of the Corporation. The premiums for such insurance shall be paid for by the Corporation.

Dissolution of the Corporation

- 9.09. The Corporation is a nonprofit corporation. Upon dissolution, all of the Corporation's assets shall be distributed to the City of Bunker Hill.

Signed this _____ day of _____, 2022.

SECRETARY OF THE CORPORATION



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XVII

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO INSTALL PROPOSED SIGNS FOR BOARDER AREAS OF THE CITY THAT ARE NOT ADJACENT TO OTHER VILLAGES AND BYPASS CITY OF BUNKER HILL ENTRANCE SIGNS**

Exhibits: Picture of Proposed Sign

Clearance: Steve Smith, Director of Public Works/Building Official
Karen Glynn, City Administrator

Executive Summary

Councilmember Rosenbaum contacted Mayor Lord and Staff requesting the City Council discuss a recommendation to add signage to boarder streets/entrances to the City that are not adjacent to the other Memorial Villages and bypass a City of Bunker Hill Entrance Sign. The purpose of the signage is to inform visitors that they are entering Bunker Hill Village and the jurisdiction for the Memorial Village Police Department, serving as a crime deterrent.

The City Administrator discussed this with the Chief of Police in addition Hunters Creek and Piney Point. Hunters Creek provided a sign that is used in Hunters Creek at the common boundary with the City of Houston.

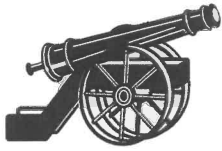
This signage or something similar could be available for Bunker Hill to use.

This action will allow the City Council to discuss and approve the concept of this type of additional signage.

JURISDICTION OF THE



713-365-3700



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XVIII

Subject/Proceeding: **CONSIDERATION AND POSSIBLE ACTION TO APPROVE ORDINANCE NO. 22-585 TO AMEND THE CODE OF ORDINANCES FOR CHAPTER 2, ADMINISTRATION, ARTICLE III, DIVISION 2 – CITY ADMINISTRATOR**

Exhibits: Proposed Ordinance No. 22-585

Clearance: Karen Glynn, City Administrator

Executive Summary

Following the announcement of retirement plans for the City Administrator, a committee and plan was developed to find the best replacement for this position. In August, the City Council approved a contract with Public Admin Consulting to assist the City in filling the position.

Public Admin Consulting began the process by reviewing the City's Code of Ordinances, Chapter 2, Division 2 – City Administrator. There were several areas outlined to be updated. The proposed updates were reviewed with the City Administrator Search Committee at their September 7 and September 14, 2022 Meetings.

The Committee is recommending approval of Ordinance No. 22 -585 which primarily includes additional powers and duties and makes the ordinance “gender neutral.”

ORDINANCE NO. 22-585

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF BUNKER HILL VILLAGE, TEXAS BY AMENDING SECTION 2-91, CREATION OF OFFICE, SECTION 2-92, ADMINISTRATION, SECTION 2-93, TERM OF OFFICE, SECTION 2-94, ABSENCE OR DISABILITY OF THE CITY ADMINISTRATOR, SECTION 2-95, POWERS AND DUTIES, SECTION 2-96, COMPENSATION; BOND, AND SECTION 2-97, REMOVAL, DIVISION 2, CITY ADMINISTRATOR, OF ARTICLE III, OFFICERS AND EMPLOYEES, OF CHAPTER 2, ADMINISTRATION; AND PROVIDING FOR SEVERABILITY.

* * * * *

WHEREAS, the City Council of the City of Bunker Hill Village, Texas has determined Section 2-91, Creation of office, Section 2-92, Administration, Section 2-93, Term of office, Section 2-94, Absence or disability of the city administrator, Section 2-95, Powers and duties, Section 2-96, Compensation; bond, and Section 2-97, Removal, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances should be amended in accordance with the provisions of this ordinance; and

WHEREAS, the City Council finds it to be in the best interest of the health, safety and welfare of its citizens to make the amendments proposed in this ordinance; now, therefore

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BUNKER HILL VILLAGE, TEXAS:

Section 1. The facts and matters contained in the preamble of this ordinance are hereby found to be true and correct.

Section 2. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended amending Section, 2-92, Appointment, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances, the language struckthrough below and adding thereto the language underscored below, such definition to read as follows:

“Sec. 2-92. Appointment.

The city administrator shall be appointed by the city council. ~~He~~The city administrator shall be responsible to the city council and subject to its supervision and direction. ~~He~~The city administrator shall exercise those administrative powers and responsibilities set forth in this division. No member of the city council shall be appointed to the position of city administrator during the term of office for which ~~he~~the member of city council was elected or within one (1) year after the expiration of such term of office.”

Section 3. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended amending Section, 2-93, Term of office, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances, the language struckthrough below and adding thereto the language underscored below, such definition to read as follows:

“Sec. 2-93. Term of office.

Unless altered by a contract duly approved by the city council, ~~The city administrator~~ shall be appointed for an indefinite term, shall serve at the will and pleasure of the city council, and shall be subject to discharge at any time, with or without cause, by a majority vote of those members of the city council qualified and serving. It is specifically provided that no person appointed to the position of city administrator shall have any entitlement, contractual right or property right in such position or to continued employment by the city.”

Section 4. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended amending Section, 2-94, Absence or disability of city administrator, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances, the language struckthrough below and adding thereto the language underscored below, such definition to read as follows:

“Sec. 2-94. Absence or disability of city administrator.

During the absence or disability of the city administrator for a period of not more than fifteen (15) consecutive working days, ~~he~~ the city administrator shall designate an appointed officer or employee of the city to perform the functions of the city administrator during such absence. If the city administrator is unable to

make such a designation, the Mayor shall designate an appointed officer or employee of the city to perform the functions of the city administrator during such absence. If the absence of the city administrator should exceed fifteen (15) consecutive working days, the mayor shall designate some other appointed officer or employee of the city to perform the functions of the city administrator during such absence.”

Section 5. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended amending Section, 2-95, Powers and duties, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances, the language struckthrough below and adding thereto the language underscored below, such definition to read as follows:

“Sec. 2-95. Powers and duties.

The powers and duties of the city administrator shall be as follows:

- (1) Devote all of ~~his~~their working time and attention to those affairs of the city under ~~his~~ their supervision.
- (2) Be responsible to the mayor and city council for the efficient administration of those affairs of the city under ~~his~~ their supervision.
- (3) See that all applicable state laws and all ordinances of the city are obeyed and enforced.
- (4) Exercise supervision and control over all departments of the city heretofore or hereafter created by the city council.
- (5) Be available during times of emergency and be responsible for directing the city’s emergency response operations.
- (6) Coordinate with Memorial Villages Police Department and the Village Fire Department.
- (~~5~~7) Exercise supervision and control over all employees of the city.
- (~~6~~8) Recommend to the mayor and city council persons to be appointed to or removed from those municipal offices described in Chapter 22, subchapter C (§ 22.071 et seq.) of the Texas Local Government Code, as amended.
- (~~7~~9) Save and except those municipal offices described in subsection (6) above, hire and discharge all employees of the city and, in addition, promote, demote, discipline, and take any and all other personnel actions pertaining to such employees.
- (~~8~~10) Attend all open meetings of the city council. Attend executive sessions of the city council when requested or authorized to do so by the city council.

~~He~~The city administrator shall have the right to participate in all discussions at those meetings of the city council ~~he the city administrator~~ attends, but shall have no right to vote. ~~He~~ The city administrator shall be notified of all meetings of the city council. He shall attend other meetings relating to city matters when requested to do so by the mayor.

- (911) See that all terms and conditions imposed in favor of the city and its inhabitants in any public utility franchise are faithfully kept and performed and, upon knowledge of any violation thereof, bring same to the attention of the mayor and city council.
- (102) Assist the mayor in budget matters and prepare and submit to the mayor prior to each fiscal year a budget of proposed revenues and expenditures for the ensuing fiscal year, showing in as much detail as practicable the estimated amounts of money required for the efficient operation of the city and each of its departments and the reasons for such estimated expenditures in compliance with the Texas Local Government Code.
- (143) Make a full written report to the city council as soon as possible after the close of each month's accounts, or at such greater intervals as the council may approve, showing the operations and expenditures of the city and each of its departments for the preceding month or interval, together with such other financial information and budget expenditure comparisons as the city council may request. Further, keep the mayor and city council fully advised at all times as to the financial condition and needs of the city. In accordance with Chapter 103 of the Texas Local Government Code, the city administrator shall have the city's annual audit and annual financial statement prepared by an independent accounting firm, working with the audit - finance committee, and to approved by the city council.
- (124) Supervise the purchase of all materials, supplies, and equipment for which funds are budgeted; propose and supervise those contracts necessary for the operation and maintenance of city services; and review all bids and proposals submitted to the city and recommend to the city council those he deems most advantageous to the city. The city administrator shall prepare and submit to the city council for approval such rules governing purchase procedures to be followed by the city as he shall deem necessary and appropriate.
- (135) Recommend to the city council the salary or salary range for each position of employment with the city.
- (146) Recommend to the city council such procedures, practices, and measures as he deems necessary or advisable to promote the best interests of the city and its inhabitants.
- (157) ~~Use his best efforts to notify~~ Notify the mayor and city council within not more than forty-eight (48) hours of any alleged violation by the city or any of its officers or employees of a federal, state, or city law, rule, or regulation

or of any cause of action or lawsuit against the city which may subject it to any civil, criminal, or monetary liability.

- (168) Perform such other duties as may be prescribed by the city council not inconsistent with the laws of the state governing Type A general law cities.”

Section 6. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended amending Section, 2-96, Compensation; bond, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration, of its Code of Ordinances, the language struckthrough below and adding thereto the language underscored below, such definition to read as follows:

“Sec. 2-96. Compensation; bond.

The city administrator shall receive such compensation as the city council shall fix from time to time. ~~He~~ The city administrator shall also be entitled to receive all fringe benefits provided to other full-time employees of the city and such additional fringe benefits as the city council may approve. ~~He~~ The city administrator shall furnish a surety bond in such amount as shall be established by the city council. The premium of such surety bond shall be paid by the city.”

Section 7. The Code of Ordinances of the City of Bunker Hill Village, Texas is hereby amended deleting in its entirety Section, 2-97, Removal, Division 2, City Administrator of Article III, Officers and Employees, of Chapter 2, Administration.

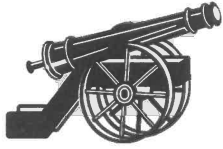
Section 8. In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it is the intention of the City Council that the invalidity or unconstitutionality of the one or more parts shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision other than the part declared to be invalid or unconstitutional; and the City Council of the City of Bunker Hill Village, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

PASSED, APPROVED, AND ADOPTED on this ____ day of _____, 2022.

Robert P. Lord, Mayor

ATTEST:

Karen H. Glynn, City Administrator/Acting City Secretary



CITY OF BUNKER HILL VILLAGE
CITY COUNCIL
Agenda Request

Agenda Date: September 20, 2022

Agenda Item No: XIX

Subject/Proceeding: CONSIDERATION AND POSSIBLE ACTION TO APPROVE PAYMENTS
THAT EXCEED \$150,000.00

Exhibits: Underground Construction Solutions, LLC, Monthly Pay Estimate No. 2

Construction Contract

Clearance: Karen Glynn, City Administrator

Executive Summary

At the August meeting, Council recommended that large expenditures, over \$150,000.00, be considered for action on the regular agenda versus the consent agenda. Council suggested a separate line item to further report these payments.

The City has received one invoice this month that meets this consideration:

- A. Underground Construction Solutions, LLC, Monthly Pay Estimate No. 2 for work performed June 25, 2022 through July 29, 2022 in the amount of \$269,595.00 for Construction of Taylorcrest Transmission Line.

The Construction of the Taylorcrest Transmission Line was awarded in March 2022 to Underground Construction Solutions, LLC, with a 75-calendar day contract to meet a compressed schedule for work during the summer on Taylorcrest. The total contract amount was \$570,650.00. A change order was also awarded to add a waterline for City Hall from Chatam Lane. At the time of payment, 60 calendar days had been used. The project began on May 30, 2022 and was completed on schedule on August 13, 2022.

Langford Engineering, Inc.
1080 West Sam Houston Parkway North, Suite 200
Houston, Texas 77043

MONTHLY ESTIMATE NO. 2
200-027, Contract No. 1

Bunker Hill Village

Construction of Taylorcrest Transmission Line

25-Jun-22

Thru

29-Jul-22

Owner: City of Bunker Hill Village
11977 Memorial Drive
Houston, Texas 77024

Contractor: Underground Construction Solutions
5535 Memorial Drive #1212
Houston, Texas 77007

Contract Time: 75 Calendar Days Extensions: 0 Calendar Days

Total Time: 75 Calendar Days Time Used: 60 Calendar Days

Contract Dated: 31-Mar-2022

Work Order Dated: 30-May-2022

Completion Date: 13-Aug-2022 (Scheduled)
(Actual)

Percent Time Used: 80%

Percent Complete: 96%

Current Contract: \$613,250.00

67-980.01

Item No.	Description	Bid Qty	Unit Meas.	Work Prior Period	Work This Period	Qty To Date	Unit Price	Total Amount
Base Bid								
1.	Mobilization Not to Exceed 5% of Base Bid, Complete in Place	1	L.S.	1	0	1	\$ 20,000.00	\$20,000.00
2.	12" PVC (AWWA C900), DR 11 or HDPE, DIPS, Class 200 (SDR 11) Waterline, Open Cut, Augured Hole, or Directional Bore Construction, All Depths, Including Fittings and Turf/Asphalt Restoration, Complete in Place	4,260	L.F.	0	0	0	\$ 115.00	\$0.00
3.	12" Resilient Seat Gate Valve, (AWWA C-509), NSF61, IBBM, NRS, Counter-Clockwise Open, (M.J.), with Valve Box, Complete in Place	5	Ea.	0	3	3	\$ 3,600.00	\$10,800.00
4.	2" Air Release Valve (ARV), All Depths, Complete in Place	7	Ea.	0	5	5	\$ 1,500.00	\$7,500.00
5.	Wet Connection, Includes, but not Limited to Removing Existing Fittings, Cutting Existing Pipe, Transition Fittings, Thrust Blocking and Restraining Rods, Provisions for Maintaining Service to all Affected Meters, All Sizes Complete in Place	1	Ea.	0	0	0	\$ 1,500.00	\$0.00
6.	Trench Safety System for All Depths and Soil Types, Complete in Place	1,500	L.F.	750	750	1,500	\$ 1.00	\$1,500.00
7.	Extra Cement-Stabilized Sand Backfill, as Authorized by Engineer, Complete in Place	50	C.Y.	0	30	30	\$ 100.00	\$3,000.00
8.	Extra Bank-Sand Bedding and/or Backfill as Authorized by Engineer, Complete in Place	50	C.Y.	0	0	0	\$ 35.00	\$0.00
9.	Traffic Control Plan, as Directed by Engineer, Complete in Place	1	L.S.	1	0	1	\$ 15,000.00	\$15,000.00
10.	Extra Aggregate Bedding, as Authorized by Engineer, Complete in Place	50	C.Y.	0	0	0	\$ 50.00	\$0.00
11.	Extra 1.5-Inch H.M.A.C., Including 12" Flexible Base, as Authorized by Engineer, Complete in Place	50	S.Y.	0	0	0	\$ 100.00	\$0.00

Change Order No. 1

1.	12" PVC (AWWA C900/RJ Certa-Lok), DR 18, Class 200 Waterline, Open Cut or Directional Bore Construction, All Depths, Including Fittings and Turf/Asphalt Restoration, Complete in Place	4,260	L.F.	2040	2,220	4,260	\$	125.00	\$532,500.00
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Summary of Work to Date

Work Performed to Date	\$590,300.00
Less 10% Retainage	\$59,030.00
Net Amount Earned to Date	\$531,270.00
Add: Materials Stored at Close of Period	\$0.00
Less 10% Retained on Hand	\$0.00
Subtotal Work Completed and Materials Stored	\$531,270.00
Less Previous Payments	\$261,675.00
AMOUNT DUE THIS ESTIMATE	\$269,595.00

Summary of Adjusted Contract

Original Contract Amount	\$570,650.00
Change Order No. 1	\$ 42,600.00
CURRENT CONTRACT AMOUNT	\$613,250.00

Note: There are no known disputes between the Contractor and Owner/Engineer Concerning the Quantities shown hereon

Recommended for Payment:

By: 
Langford Engineering, Inc.

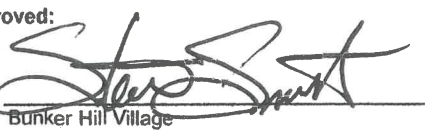
Date: 8/1/2022

Accepted:

By: 
Underground Construction Solutions

Date: 8/1/22

Approved:

By: 
Bunker Hill Village

Date: 8-8-22

Distribution: Bunker Hill Village (1)
Underground Construction Solutions (1)
Langford Engineering, Inc. (1)

Construction of Taylorcrest Transmission Line						200-027 Contract #1			
Underground Construction Solutions LLC 5535 Memorial Dr. #1212 Houston, TX 77007						Invoice/pay app No. 2 7/29/2022			
City of Bunker Hill Village 11977 Memorial Dr. Houston, TX 77024									
Item no.	Description	QTY	Units	Rate	Total Amount	Quantity this Estimate	Quantity to Date	Total to Date	% Complete
1	Mobilization Not to Exceed 5% of Base Bid, Complete in Place	1	LS.	\$ 20,000.00	\$ 20,000.00	0	1	\$ 20,000.00	100%
2	12" PVC (AWWA C900), DR 11 o HDPE, DIPS, Class 200 (SDR 11) Waterline, Open Cut, Augured Hole, or Directional Bore Construction, All Depths, Includes Fittings and Turf/Asphalt Restoration, Complete in Place	4260	LF.	\$ 125.00	\$ 532,500.00	2220	4260	\$ 532,500.00	100%
3	12" Resilient Seat Gate Valve, (AWWA C-509), NSF61, TBDM, NRS, Counter-Clockwise Open, (M.J.), with Valve Box, Complete in Place	5	Ea	\$ 3,600.00	\$ 18,000.00	3	3	\$ 10,800.00	60%
4	2" Air Release Valve (ARV), All Depths, Complete in Place	7	Ea.	\$ 1,500.00	\$ 10,500.00	5	5	\$ 7,500.00	71%
5	Wet Connection, Includes, but not Limited to Removing Existing Fittings, Cutting Existing Pipe, Transition Fittings, Thrust Blocking and Restraining Rods, Provisions for Trench Safety System for All Depths and Soil Types, Complete in Place	1	Ea.	\$ 1,500.00	\$ 1,500.00	0	0	\$ -	0%
6	Trench Safety System for All Depths and Soil Types, Complete in Place	1500	LF.	\$ 1.00	\$ 1,500.00	750	1500	\$ 1,500.00	100%
7	Extra Cement-Stabilized Sand Backfill, as Authorized by Engineer, Complete in Place	50	C.Y.	\$ 100.00	\$ 5,000.00	30	30	\$ 3,000.00	60%
8	Extra Bank-Sand Bedding and/or Backfill as Authorized by Engineer, Complete in Place	50	C.Y.	\$ 35.00	\$ 1,750.00	0	0	\$ -	0%
9	Traffic Control Plan, as Directed by Engineer, Complete in Place	1	LS.	\$ 15,000.00	\$ 15,000.00	0	1	\$ 15,000.00	100%
10	Extra Aggregate Bedding, as Authorized by Engineer, Complete in Place	50	C.Y.	\$ 50.00	\$ 2,500.00	0	0	\$ -	0%
11	Extra 1.5-Inch H.M.A.C., Includes 12" Flexible Base, as Authorized by Engineer, Complete in Place	50	S.Y.	\$ 100.00	\$ 5,000.00	0	0	\$ -	0%
\$ 613,250.00						Subtotal:		\$ 590,300.00	
UCS:  8/1/22						Retainage (10%)		\$ (59,030.00)	
						Less Previous Payment		\$ 261,675.00	
						Total:		\$ 269,595.00	
Langford Engineering:									

AFFIDAVIT AND RELEASE OF LIEN

STATE OF TEXAS

COUNTY OF Harris

WHEREAS, the undersigned, Juan C. Tamara, who being duly sworn, on oath, says that he is the legal representative of DES/IC, has been employed by BHV, to furnish labor and materials for the installation of the Taylorrest Transmission Line in Harris, Texas.

NOW THEREFOR, for and in consideration of the sum of \$269,595.00 and other good and valuable consideration, the receipt of which is hereby anticipated, being payment in full for all labor and/or materials furnished by the undersigned up to and including July 29th, 2022, the undersigned hereby waives and releases any and all lien or claim of right of lien on said project or premises on account of labor and/or materials furnished and further states that all applicable taxes, State, Local and Federal, and all labor hired by him and all material purchased by him and used in the construction of said project improvements have been paid in full. The undersigned hereby warrants to defend BHV against any liens or other claims made by said laborers or suppliers of materials used in connection with said project.

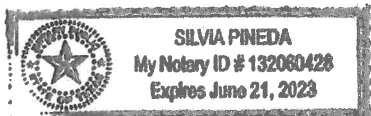
Date 8/1/22

BY: Juan C. Tamara

TITLE: owner

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS THE 1st DAY OF

August 20 22



S. Pineda 6-21-25
NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

CONTRACTOR AFFIDAVIT FOR PARTIAL PAYMENT

STATE OF Texas §

COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared

James C. Cameron the owner of
Underground Construction Solutions, LLC ("CONTRACTOR"). CONTRACTOR has performed
labor and furnished materials pursuant to that certain Contract entered into on the 31st day of
March, 2022, by and between CONTRACTOR and BHV
(OWNER), for the erection, construction, and completion
of certain improvements and/or additions upon the following described premises, to wit:

Construction of Taphicrest Transmission Line
BHV (OWNER).

7/29
The undersigned, being by me duly sworn, states upon oath that the labor and/or materials
supplied in connection with CONTRACTOR's Application for Partial Payment No. 2, dated
7/29/22 (the "Application Date"), represents the actual cost of good and workmanlike labor
and/or sound materials that have been fabricated into the work in compliance with the agreed to plans
and specifications (and all authorized changes thereto) and said Contract.

The undersigned further states that as of the Application Date, CONTRACTOR has paid in
full all bills and claims for labor and/or materials supplied in connection with the aforesaid Partial
Payment and that there are no outstanding unpaid bills or claims for labor performed or materials
furnished.

CONTRACTOR acknowledges complete satisfaction of, and forever waives and releases, all
claims of every kind against OWNER or the property where the labor and/or materials were installed,
including, without limitation, any liens or potential liens, which CONTRACTOR may have as a
result of, or in connection with, the labor and/or materials supplied in connection with the aforesaid
Partial Payment.

CONTRACTOR represents that the person executing this affidavit on behalf of
CONTRACTOR is duly authorized to sign this affidavit and to legally bind CONTRACTOR hereto.
All of the provisions of this affidavit shall bind CONTRACTOR, its heirs, representatives,
successors and assigns and shall inure to the benefit of OWNER, and its legal representatives,
successors, assigns.

This affidavit is being made by the undersigned realizing that it is in reliance upon the
truthfulness of the statements contained herein that a partial payment under said Contract is being
made, and in consideration of the disbursement of said partial payment by OWNER.

CONTRACTOR HEREBY AGREES TO INDEMNIFY AND HOLD OWNER SAFE AND
HARMLESS FROM AND AGAINST ALL LOSSES, DAMAGES, COSTS, AND EXPENSES OF
ANY CHARACTER WHATSOEVER SPECIFICALLY INCLUDING COURT COSTS,
BONDING FEES, AND ATTORNEY FEES ARISING OUT OF OR IN ANY WAY RELATING

TO CLAIMS FOR UNPAID LABOR OR MATERIALS FURNISHED AS OF THE APPLICATION DATE.

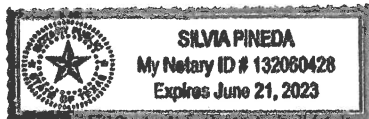
Executed this 1st day of August, 20 22

Village of Construction Solutions LLC
By: [Signature]
Name Printed: Joan C. Tamara
Title: OWNER

STATE OF TEXAS §

COUNTY OF Tarrant §

Subscribed and sworn to before me, the undersigned authority, on this the 1st day of August, 20 22, to certify which, witness my hand and seal of office.



Notary Public, State of Texas
Notary's Name Printed:

[Signature]
My commission expires: 6-21-23

February 22, 2022

III

PROPOSAL
(BID FORM)

TO: Honorable Mayor and City Council, City of Bunker Hill Village for, for Construction of Taylorcrest Transmission Line, LEI Job No. 200-027, Contract No. 1, in Harris County, Texas.

The undersigned, as Bidder, declares that the only person or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm, or corporation; that the undersigned has carefully examined the Invitation to Bidders, the Instructions to Bidders, this Proposal, the Form of Agreement, the General and Special Conditions, Special Provisions, the Technical Specifications, and the Plans therein referred to; that the undersigned has carefully examined the locations, conditions, and classes of materials of the proposed work; that the undersigned agrees to provide all the necessary labor, machinery, tools, apparatus, and other items incidental to construction; and that the undersigned will do all work and furnish all the materials called for in the Contract and Specifications in the manner prescribed therein and according to the requirements of the Engineer as therein set forth.

It is understood that the following quantities of work to be done at unit prices are approximate only and are intended principally to serve as a guide in evaluating bids. It is further understood that all work which is subsidiary to the Bid Item, and for which there is no specific pay item, shall be complete in place and is included in the unit price Bid Items shown on this Proposal.

It is further agreed that the quantities of work to be done at unit prices and the quantities of materials to be furnished may be increased or diminished as may be considered necessary, in the opinion of the Engineer, to complete the work fully as planned and contemplated, and that all quantities of work, whether increased or decreased, are to be performed at the unit prices set forth below except as provided for in the Specifications.

It is further agreed that Lump Sum prices may be increased to cover additional work ordered by the Engineer, but not shown on the Plans or required by the Specifications, in accordance with the provisions of the General Conditions. Similarly, they may be decreased to cover deletion of work so ordered.

It is understood and agreed that the work is to be completed in full within 75 calendar days after the date stated in the work order on which work is to be commenced, as stated in the "Standard Form of Agreement Between OWNER and Contractor."

Accompanying this Proposal is a Bid Security payable to the OWNER for Five hundred sixty five thousand Dollars (\$ 565,750).

Seven hundred N. 4th
The Bid Security accompanying this PROPOSAL shall be returned to the Bidder, unless in case of the OWNER's acceptance of the PROPOSAL the Bidder shall fail to execute a Contract and file a Performance Bond, a Payment Bond, a One Year Maintenance Bond if required, and insurance certificate within the time period specified in Section II, Instructions to Bidders, in which case the bid security shall become the property of the OWNER, and shall be considered as payment for damages due to delay and other inconveniences suffered by the OWNER on account of such failure of the Bidder. It is further agreed that should OWNER bring suit in court to enforce any terms of this bid it is agreed that the Bidder or his surety shall pay to the OWNER his cost and reasonable attorney's fees. It is understood that the OWNER reserves the right to reject any and all bids.

In the event of the award of a Contract to the undersigned, the undersigned will furnish a Performance Bond for the full amount of the Contract, to secure proper compliance with the terms and provisions of the Contract, to insure and

guarantee the work until final completion and acceptance; a Maintenance Bond to insure and guarantee work through the warranty period; and Payment Bond for the full amount of the Contract to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the Contract.

The work proposed to be done shall be accepted when fully completed and finished in accordance with the Plans and Specifications to the satisfaction of the Engineer.

The undersigned certifies that the bid prices contained in this Proposal have been carefully checked and are submitted as correct and final.

Item No.	Approx. Quan.	Unit of Measure	Item with Unit Price Written in Words	Bid Price	Unit Extension
Base Bid					
1.	1	L.S.	Mobilization not to Exceed 5% of Base Bid, Complete in Place @ <u>twenty thousand</u> Per Lump Sum	<u>\$20,000</u>	<u>\$20,000</u>
2.	4,260	L.F.	12" PVC (AWWA C900), DR 11 or HDPE, DIPS, Class 200 (SDR 11) Waterline, Open Cut, Augured Hole, or Directional Bore Construction, All Depths, Including Fittings and Turf/ Asphalt Restoration, Complete in Place @ <u>one hundred</u> <u>1.15</u> Per Linear Foot	<u>\$115</u>	<u>\$489,900</u>
3.	5	Ea.	12" Resilient Seat Gate Valve, (AWWA C-509), NSF61, IBBM, NRS, Counter-Clockwise Open, (M.J.), with Valve Box, Complete in Place @ <u>three thousand</u> <u>six hundred</u> Per Each	<u>\$3,600</u>	<u>\$18,000</u>
4.	7	Ea.	2" Air Release Valve (ARV), All Depths, Complete in Place @ <u>one thousand</u> <u>five hundred</u> Per Each	<u>\$1,500</u>	<u>\$10,500</u>

Item No.	Approx. Quan.	Unit of Measure	Item with Unit Price Written in Words	Bid Price	Unit Extension
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Base Bid (Cont'd)

5.	1	Ea.	Wet Connection, Includes, but not Limited to Removing Existing Fittings, Cutting Existing Pipe, Transition Fittings, Thrust Blocking and Restraining Rods, Provisions for Maintaining Service to all Affected Meters, All Sizes, Complete in Place		
			@ <u>One thousand</u> <u>five hundred</u> Per Each	\$ <u>1,500</u>	\$ <u>1,500</u>

Subtotal Amount Bid
Base Bid Items
(Item Nos. 1 thru No. 5)

\$ 539,900

Item No.	Approx. Quan.	Unit of Measure	Item with Unit Price Written in Words	Bid Price	Unit Extension
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Supplemental Bid Items

6.	1,500	L.F.	Trench Safety System for All Depths and Soil Types, Complete in Place @ <u>one</u> Per Linear Foot	\$ <u>1</u>	\$ <u>1,500</u>
7.	50	C.Y.	Extra Cement-Stabilized Sand Backfill, as Authorized by Engineer, Complete in Place @ <u>one hundred</u> Per Cubic Yard	\$ <u>100</u>	\$ <u>5,000</u>
8.	50	C.Y.	Extra Bank-Sand Bedding and/or Backfill, as Authorized by Engineer, Complete in Place @ <u>thirty five</u> Per Cubic Yard	\$ <u>35</u>	\$ <u>1,750</u>
9.	1	L.S.	Traffic Control Plan, as Directed by Engineer, Complete in Place @ <u>fifteen thousand</u> Per Lump Sum	\$ <u>15,000</u>	\$ <u>15,000</u>
10.	50	C.Y.	Extra Aggregate Bedding, as Authorized by Engineer, Complete in Place @ <u>50</u> Per Cubic Yard	\$ <u>50</u>	\$ <u>2,500</u>

Item No.	Approx. Quan.	Unit of Measure	Item with Unit Price Written in Words	Bid Price	Unit Extension
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Supplemental Bid Items (Cont'd)

11.	50	S.Y.	Extra 1.5-Inch H.M.A.C., Including 12" Flexible Base, as Authorized by Engineer, Complete in Place @ <u>one hundred</u> Per Squard Yard	\$ <u>100</u>	\$ <u>5,000</u>
Subtotal Amount Bid Supplemental Bid Items (Item Nos. 6 thru No. 11)				\$ <u>25,850</u>	

Bidder must complete the following for State Sales Tax Purposes:

- | | |
|---|-------------------|
| a. Cost of all materials incorporated into this Project that are a permanent part of the finished facilities. | \$ <u>450,750</u> |
| b. Cost of all labor, equipment owned or rented, and all other items not a part of the permanent facilities. | \$ <u>125,000</u> |

* Total of Items a. and b. above must equal the "Total Amount Bid" on the following page.

February 22, 2022

NOTE: Unit and Lump Sum prices must be shown in words and figures for each item listed in this Proposal, and in the event of discrepancy, the words shall control. Should bid prices on any items be omitted, the Bidder acknowledges that there will be no payment for work done under that particular bid item.

Receipt is hereby acknowledged of the following Addenda to the Contract Documents, Technical Specifications, and Plans.

Addendum No. 1 dated 2/16 Received 2/16 902

Addendum No. 2 dated 2/22 Received 2/22 902

SUBTOTAL AMOUNT BID BASE BID ITEMS (ITEM NOS. 1 THRU NO. 5) \$ 539,900

SUBTOTAL AMOUNT BID SUPPLEMENTAL BID ITEMS (ITEM NOS. 6 THRU NO. 11) \$ 25,850

GRAND TOTAL OF AMOUNT BID BASE BID ITEMS (ITEM NOS. 1 THRU NO. 5) AND SUPPLEMENTAL BID ITEMS (ITEM NOS. 6 THRU NO. 11) \$ 565,750

Signed Underground Construction Solutions
(Company Name, Type or Print)

By Juan C. Zamora
(Signature of Principal)

Juan C. Zamora Owner
(Individual Name, Type or Print) (Title)

5535 Memorial Dr. #1212
(Street Address)

Houston, TX 77007
(City and State) (Zip)

361-510-9263 (cell) N/A
(Phone No.) (Fax No.)

ATTEST:

Not a Corp
(Signature and Seal if Bidder is a Corporation)

(Individual Name, Type or Print)

IV

STANDARD FORM OF AGREEMENT
BETWEEN OWNER AND CONTRACTOR

THIS AGREEMENT is dated as of MARCH 31, 2022 by and between the City of Bunker Hill Village (hereinafter called OWNER) and Underground Construction Solutions, LLC (hereinafter called CONTRACTOR). OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

Article 1. WORK

CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

Construction of Taylorcrest Transmission Line, LEI Job No. 200-027, Contract No. 1

Article 2. ENGINEER

The project has been designed by Langford Engineering, Inc., 1080 West Sam Houston Parkway North, Suite 200, Houston, Texas 77043-5014 (Phone: (713) 461-3530), who is hereinafter called ENGINEER and who is to act as OWNER'S representative, assume all duties and responsibilities and have the rights and authority assigned to ENGINEER in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents.

Article 3. CONTRACT TIMES

The Work will be completed and ready for final payment in accordance with Paragraph 14.13 of the General Conditions within seventy-five (75) calendar days after the date when the Contract Times commence to run subject to the phasing requirements described in the General Requirements of the Special Specifications.

OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not completed within the times specified in the above paragraph, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. They also recognize the delays, expense and difficulties involved in ascertaining and proving the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Five Hundred Dollars (\$500.00) for each day that expires after the time specified in the above paragraph for completion and readiness for final payment. OWNER and CONTRACTOR agree that such amount is a reasonable forecast of the damages OWNER will sustain per day that the work remains uncompleted. OWNER shall have the option of deducting the amount of any liquidated damages from any monies that may be owed to CONTRACTOR or to recover such amount from the CONTRACTOR or its Sureties, at CONTRACTOR'S expense.

Article 4. CONTRACT PRICE

OWNER agrees to pay CONTRACTOR for completion of the Work in accordance with the Contract Documents the initial Contract Price of Five Hundred Seventy Thousand Six Hundred Fifty Dollars (\$570,650.00), plus or minus any increases or decreases to the initial Contract Price as provided by the Contract. CONTRACTOR will be paid in current funds for the performance of the Contract in accordance with the Bid submitted therefor, subject to additions and deductions as approved by Change Order under the Contract Documents, and to make payments on account thereof as provided therein.

Article 5. PAYMENT PROCEDURES

Article 7. CONTRACT DOCUMENTS

1. This Agreement
2. Exhibits to this Agreement
3. Performance, Payment, and other Bonds identified
4. Invitation to Bidders
5. Instructions to Bidders
6. Notice to Proceed
7. Standard General Conditions of the Construction Contract (General Conditions)
8. Supplementary Conditions
9. Standard and Special Specifications and Special Provisions
10. Construction Drawings
11. Addenda
12. CONTRACTOR'S Bid
13. Documentation submitted by CONTRACTOR prior to Notice of Award
14. The following which may be delivered or issued after the Effective Date of the Agreement and are not attached thereto: All Written Amendments and other documents amending, modifying or supplementing the Contract Documents pursuant to Paragraphs 3.5 and 3.6 of the General Conditions.

There are no Contract Documents other than those listed in this Article. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraphs 3.5 and 3.6 of the General Conditions.

Article 8. INDEMNITY PROVISIONS

THE GENERAL, SPECIAL, AND SUPPLEMENTARY CONDITIONS ATTACHED TO THIS AGREEMENT CONTAIN PROVISIONS THAT MAY RELIEVE ONE PARTY FOR RESPONSIBILITY IT WOULD OTHERWISE HAVE UNDER THE LAW FOR DAMAGES OR OTHER LIABILITY ARISING OUT OF THE WORK.

EACH OF THE PARTIES HERETO SPECIFICALLY AGREES THAT IT HAS A DUTY TO READ THIS AGREEMENT, THE GENERAL, SPECIAL, AND SUPPLEMENTARY CONDITIONS, AND ALL OTHER ATTACHMENTS TO THIS AGREEMENT AND AGREES THAT IT IS CHARGED WITH NOTICE AND KNOWLEDGE OF THE TERMS OF THIS AGREEMENT AND ALL ATTACHMENTS HERETO; THAT IT HAS IN FACT READ THIS AGREEMENT AND ALL ATTACHMENTS HERETO AND IS FULLY INFORMED AND HAS FULL NOTICE AND KNOWLEDGE OF THE TERMS, CONDITIONS AND EFFECTS OF THIS AGREEMENT; THAT IT HAS HAD THE OPPORTUNITY TO BE REPRESENTED BY INDEPENDENT LEGAL COUNSEL OF ITS CHOICE PRECEDING ITS EXECUTION OF THIS AGREEMENT AND HAS RECEIVED OR VOLUNTARILY CHOSEN NOT TO RECEIVE THE ADVICE OF ITS ATTORNEY IN ENTERING INTO THIS AGREEMENT; AND THAT IT RECOGNIZES THAT CERTAIN TERMS OF THIS AGREEMENT AND ALL ATTACHMENTS HERETO RESULT IN ONE PARTY ASSUMING THE LIABILITY INHERENT IN SOME ASPECTS OF THE TRANSACTION AND RELIEVING THE OTHER PARTY OF ITS RESPONSIBILITY FOR SUCH LIABILITY. EACH PARTY HERETO AGREES AND COVENANTS THAT IT WILL NOT CONTEST THE VALIDITY OR ENFORCEMENT OF ANY EXCULPATORY PROVISION OF THIS AGREEMENT, THE GENERAL, SPECIAL, AND SUPPLEMENTARY CONDITIONS, OR ANY OTHER ATTACHMENTS TO THIS AGREEMENT ON THE BASIS THAT THE PARTY HAD NO NOTICE OR KNOWLEDGE OF SUCH PROVISION OR THAT THE PROVISION IS NOT "CONSPICUOUS."

February 22, 2022

This Agreement will be effective on MARCH 31, 2022 (which is the effective date of the Agreement).

OWNER: CITY OF BUNKER HILL VILLAGE

Signature: [Signature]

Printed or Typed Name Robert P. Lord

Title: Mayor

Address for giving notices:

11977 Memorial Drive, Houston, Texas 77024

Attest: City of Bunker Hill

Signature [Signature] ^{EP} 3/31/22 Karen Glynn

Printed or Typed Name [Signature]

Title: Acting City Secretary

CONTRACTOR: UNDERGROUND CONSTRUCTION SOLUTIONS, LLC

By: [Signature]
Signature

[Signature]
Printed or Typed Name

(CORPORATE SEAL)

Business Phone: 361-510-9263

Attest: [Signature]
Signature

Printed or Typed Name

Address for giving notices:

5535 Memorial Drive, Suite 1212, Houston, Texas 77007

License No. _____

Phone Number _____

Agent for service of process: _____

Address for giving notices:

5535 Memorial Dr #1212
Houston, TX 77007