FAYETTEVILLE NC
AMERICA'S CAN DO CITY

PURCHASING

March 27, 2026

MEMO TO: Prospective Bidders

FROM: Kimberly Toon, Purchasing Manager

SUBJECT: **Addendum #4:** Inground Bus Lift

DUE DATE AND TIME: **APRIL 2, 2026; 2:00 p.m.**

1. The Bid Documents are hereby modified by this Addendum #4 dated March 27, 2026. To include the following:

    a. **Site Observation Report from F&R**
    b. **Environmental Report from F&R**

2. The attached documents address the question below raised in Addendum 2 and inform the Pre-Construction and Site Work Requirements of the RFP.

    a. Question: The specifications mention the City is responsible for hazardous material removal. Does this include dire if any dirt is found to be contaminated? (The facility has changed oil for 70 years, and there is a possibility oil has leaked underground).
        i. Answer: City will provide additional information on concrete and soil materials prior to revised bid date.

    b. The conclusion from the Environmental Report from F&R states: "F&R has performed a Limited Soil Sampling Assessment at the Subject Property based on the planned installation of a lift at the Subject Property. Target compounds were not detected above regulatory screening levels in the sample submitted for analysis, with the exception of chromium which exceeded the residential PSRG. Based on the commercial use of this facility and the concentration of chromium below the commercial/industrial PSRG, F&R does not recommend additional assessment at this time."

3. Per the RFP, the offeror must "Provide stamped engineering drawings derived directly from the lift manufacturer's specifications, including pit requirements, structural reinforcement, conduit routing, and utility interfaces."

a. Site Observation Report of in-situ soils in the pit is attached for reference.

4. The foregoing changes shall be incorporated in the Bid Documents, and a copy of the Addendum #4, signed by the Bidder, must accompany the Bid to indicate the Bidder's familiarity with the changes.

Bidder Acknowledgement:

Bidder Name (Print):_____

Bidder Signature:_____

Date of Signature:_____

March 25, 2026

Tim Johnson
City of Fayetteville
PO Drawer D
Fayetteville, North Carolina 28302
timothyjohnson@fayettevillenc.gov

Re: **Limited Soil Sampling Assessment Report**
FAST In-Ground Bus Lift
455 Grove Street
Fayetteville, North Carolina
F&R Project No.: 59E-0077

Dear Mr. Johnson:

Pursuant to your email request, Froehling & Robertson, Inc. (F&R) is pleased to submit this letter summarizing the Limited Soil Sampling Assessment services at the FAST In-Ground Bus Lift property located at 455 Grove Street in Fayetteville, North Carolina (the Subject Property).

BACKGROUND INFORMATION

The Subject Property is identified as parcel number (PIN) 0437-95-6043 by the Cumberland County property assessor and consists of one parcel totaling 7.69 acres of land developed with a 42,930 square foot building constructed in 1969. It is F&R's understanding that The City of Fayetteville currently utilizes a concrete pit for bus maintenance services, and it is F&R's understanding that one of the maintenance pits is proposed to have a lift installed capable of servicing 29-foot to 40-foot heavy-duty transit buses.

Based on the proposed lift installation project, F&R was requested to collect environmental soil samples from beneath the concrete slab of the bus maintenance bay in conjunction with F&R's Construction Materials Testing (CMT) services. F&R was requested to provide an Environmental Scientist to be onsite during the coring and hand auger activities to assess the onsite soils for potential contamination to determine if special handling or disposal of onsite soils is required during the project. The proposed scope of services was presented to City of Fayetteville on February 3, 2026 and revised on February 11, 2026 (under F&R Proposal Number 2664-0006). F&R's onsite assessment and laboratory analytical results are summarized below.

1.0 ONSITE ASSESSMENT

F&R mobilized to the Subject Property on March 10, 2026 for onsite assessment activities. F&R's CMT Department utilized a concrete coring machine to core through the concrete floor of the bus maintenance pit. F&R observed the concrete thickness to be 4 inches at core 1 (SB-1) and 6 inches at core 2 (SB-2). Following coring, two soil borings were advanced utilizing a properly decontaminated stainless steel hand auger. Soil boring SB-1 was advanced to a depth of 1.5 feet below the concrete slab and rock was encountered at 1.5 feet which terminated boring SB-1. Soil boring SB-2 was advanced to a depth of 46 inches below the concrete slab. In addition, plastic sheeting was observed between the base of the concrete slab and the top of the soils. The approximate sample locations are depicted in the attached Figure 1: Soil Sample Location and Results Map in Appendix A and in the attached Photographic Documentation Log in Appendix B.

The soils were recovered in approximate 6 inch to 1 foot intervals and the recovered soils were placed in resealable bags for field screening. The soils were field screened with a photo-ionization detector (PID) which measures volatile organic compounds (VOCs) measured in parts per million (ppm). F&R recorded PID readings between 0.1 ppm and 0.3 ppm in the recovered soils. The PID readings and observed soil conditions are depicted in the attached PID Field Screening Log in Appendix C.

Following field screening, one soil sample (SB 2 at a depth of 30–36 inches) was collected from the boring with the highest PID reading of 0.3 ppm and was submitted to Enthalpy Analytical in Richmond, Virginia for laboratory analysis of Total Petroleum Hydrocarbons Diesel Range and Gasoline Range Organics (TPH DRO/GRO) by EPA method 8015C, Volatile Organic Compounds (VOCs) by EPA Method 8260, and RCRA-8 Metals by EPA Methods 6000/7000.

1.1 Results

Based on laboratory analytical results, several target compounds were detected at concentrations above laboratory method detection limits (MDLs). F&R compared the detected concentrations to the January 2025 North Carolina Department of Environmental Quality (VDEQ) Preliminary Soil Remediation Goals (PSRGs) and the Guidelines for North Carolina Action Limits for TPH. Based on F&Rs comparison of the results to the applicable regulatory standards, F&R presents the following:

- A concentration of Chromium was detected above the residential regulatory screening limit, but below the commercial/industrial screening limit.
- Concentrations of RCRA-8 Metals Barium and Lead were detected above laboratory MDLs but below their respective regulatory screening levels.

- Concentrations of VOCs Acetone and 2-Butanone (Methyl Ethyl Ketone) were detected above laboratory MDLs but below their respective regulatory screening levels.
- Concentrations of TPH-DRO and TPH-GRO were not detected above laboratory MDLs in the sample submitted for analysis.

The soil sample results are summarized in the attached Table 1 - Summary of Soil Analytical Results in Appendix D. The complete laboratory results and chain-of-custody are included in Appendix E.

1.2 Conclusions

F&R has performed a Limited Soil Sampling Assessment at the Subject Property based on the planned installation of a lift at the Subject Property. Target compounds were not detected above regulatory screening levels in the sample submitted for analysis, with the exception of chromium which exceeded the residential PSRG. Based on the commercial use of this facility and the concentration of chromium below the commercial/industrial PSRG, F&R does not recommend additional assessment at this time. However, if suspect contaminated soils are identified during the project, F&R can assist with additional soil sampling and analysis.

1.3 Closing

Please do not hesitate to contact us if you have any questions or require further information. We appreciate the opportunity to work with you as your environmental consultant. Please do not hesitate to contact us if you have any questions, comments or additional needs.

Sincerely,
FROEHLING & ROBERTSON, INC.

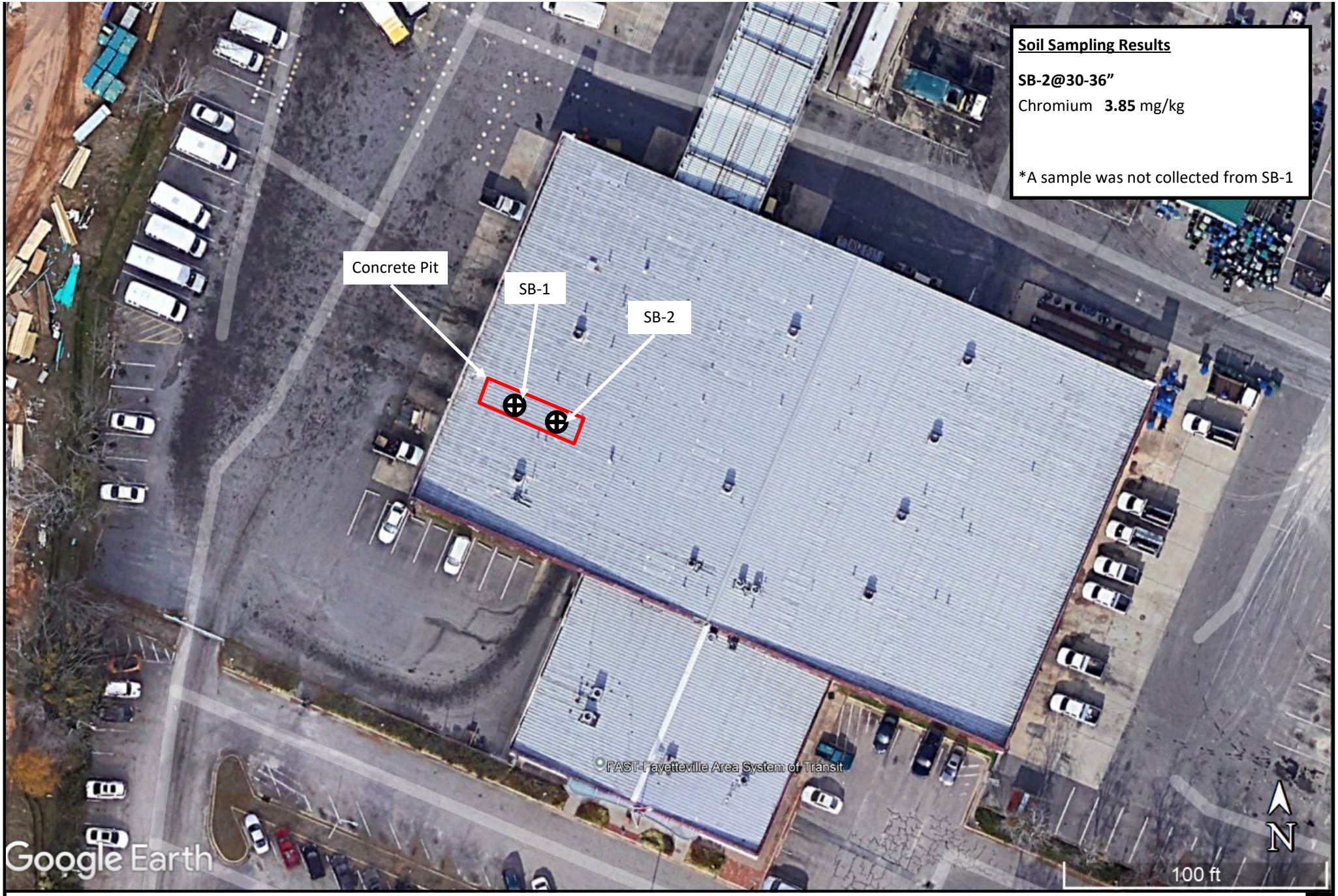
Signature for Hillary Battle	Signature for Alyssa S. Budlong, PG
Hillary Battle	Alyssa S. Budlong, PG
Senior Environmental Scientist	GeoEnvironmental Practice Leader

LIMITATIONS

This report has been prepared for the exclusive use of City of Fayetteville and their agents. These services have been performed in accordance with generally accepted environmental practices. As with any subsurface assessment, actual conditions exist only at the precise locations from which the samples were taken. Certain inferences are based on the results of sampling to form a professional opinion of conditions in areas beyond those from which the samples were taken. No other warranty, expressed or implied, is made. Our conclusions and recommendations are based on information provided to us by others and our site observations. Our observations are based on conditions readily observed at the time of our assessment. The contents of the report should not be construed in any way as a recommendation to purchase, sell, or develop the Subject Property.

F&R by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the Subject Property, or otherwise take responsibility for reporting to local, state, or federal public agencies any conditions that may present a potential danger to public health safety or the environment. We understand that the client will notify appropriate regulatory agencies of potential impact, risks, or other requirements as necessary. F&R assumes no responsibility for investigation, remediation, or liability associated with environmental impact to or from the project Subject Property regardless of the date of impact discovery.

Appendix A - Figures



Soil Sample Location and Results Map

Froehling & Robertson, Inc.
3015 Dumbarton Road
Richmond, Virginia 23228
T 804.264.2701

Client:	City of Fayetteville		
Project:	FAST In-Ground Bus Lift		
Location:	455 Grove St, Fayetteville, NC		
Project Number:	59E-0077		FIGURE No.: 1
Data Source:	Google Earth		
Date:	March 2026	Scale: As Depicted Above	

Appendix B - Photos

View of the pit.

View of the pit with sample locations marked.

Appendix C - PID Field Screening Logs

Photolonization Detector (PID) Field Screening Log

PID Unit Model	Honeywell MiniRAE Lite
PID Calibration Time	1112AM
PID Calibration Type	SPAN Calibration
Site Name and Address	455 Grove Street, Fayetteville, North Carolina
Client	City of Fayetteville
F&R Field Personnel	Hillary Battle & Eva DeSantis
Drilling Company	F&R
Date of Field Work	March 10, 2026
Weather	Sunny, 70s

F&R Project No.: 59E-0077

Soil Boring ID	Depth (inches below concrete)		Screening Level (ppm)	Soil Description	Remarks
	From	To			
SB-1	4-inches of concrete before start of soils				
	0”	9”	0.2	Brown, sand	
	9”	18”	0.1		Rock – hand auger refusal
SB-2	6-inches of concrete before start of soils				
	0”	10”	0.1	Brown, sand	
	10”	18”	0.2		
	18”	24”	0.2		
	24”	30”	0.3		
	30”	36”	0.3		Sample for analysis
	36”	40”	0.2		
	40”	46”	0.1		

Appendix D - Table

Table 1 - Summary of Soil Analytical Results
FAST In-Ground Bus Lift
455 Grove Street
Fayetteville, North Carolina

Sample ID	Date Collected	RCRA-8 Metals by 6000/7000								VOCs by 8260		EPA Method 8015	
		Silver	Arsenic	Barium	Cadmium	Chromium	Mercury	Lead	Selenium	2-Butanone (MEK)	Acetone	TPH-DRO	TPH-GRO
SB-2 @ 30-36"	3/10/2026	<0.500	<1.00	5.69	<0.200	**3.85**	<0.008	1.60	<2.50	0.00724	0.0448	<10.0	<0.11
Residential Health Based PSRG		78	0.68	3,100	1.4	0.96	4.7	200	78	5,500	14,000	100*	50*
Industrial Health Based PSRG		1,200	3.0	47,000	20	20.0	70	800	1,200	40,000	210,000	100*	50*

Concentrations reported in mg/kg. Concentrations of VOCs converted from ug/kg to mg/kg to match the PSRG tables.

Regulatory standards are from the January 2025 NCDEQ Preliminary Soil Remediation Goals

* = Regulatory standards for TPH are from the Guidelines for North Carolina Action Limits for TPH

Bolded results exceed their respective Residential or Industrial Health Based PSRG

Compounds not listed were not detected above the laboratory method detection limits.

A complete list of target compounds is provided in the laboratory report

Appendix E - Laboratory Analytical Results

1941 Reymet Road ● Richmond, Virginia 23237 ● Tel: (804)-358-8295 Fax: (804)-358-8297

Certificate of Analysis

Final Report

Laboratory Order ID 26C1346

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond, VA 23228	Date Received:	March 12, 2026 8:20
		Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
Submitted To:	Lucas Powell	Purchase Order:	00001
Client Site I.D.:	FAST In Ground Bus Lift		

Enclosed are the results of analyses for samples received by the laboratory on 03/12/2026 08:20. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Andrew Bruner

Project Manager

End Notes:

The test results listed in this report relate only to the samples submitted to the laboratory and as received by the Laboratory.

Unless otherwise noted, the test results for solid materials are calculated on a wet weight basis. Analyses for pH, dissolved oxygen, temperature, residual chlorine and sulfite that are performed in the laboratory do not meet NELAC requirements due to extremely short holding times. These analyses should be performed in the field. The results of field analyses performed by the Sampler included in the Certificate of Analysis are done so at the client's request and are not included in the laboratory's fields of certification nor have they been audited for adherence to a reference method or procedure.

The signature on the final report certifies that these results conform to all applicable NELAC standards unless otherwise specified. For a complete list of the Laboratory's NELAC certified parameters please contact customer service.

TNI Accredited
VELAP ID 460021

1941 Reymet Road ● Richmond, Virginia 23230 ● Tel: (804)-358-8295 Fax: (804)-358-8297

Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued: Project Number: Purchase Order:	March 20, 2026 10:31 59E-0077 00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

ANALYTICAL REPORT FOR SAMPLES

Laboratory Order ID 26C1346

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-2@30-36"	26C1346-01	Solids	03/10/2026 13:59	03/12/2026 08:20

This Certificate of Analysis is being reissued on 03/20/2026 to reflect addition of corrected COC provided by customer and correction of sample ID

1941 Reymet Road ● Richmond, Virginia 23230 ● Tel: (804)-358-8295 Fax: (804)-358-8297

Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued: Project Number: Purchase Order:	March 20, 2026 10:31 59E-0077 00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Laboratory Order ID: 26C1346

Analytical Results

Sample I.D. SB-2@30-36" **Laboratory Sample ID:** 26C1346-01

Grab Date/Time: 03/10/2026 13:59

Field Residual Cl: **Field pH:**

Parameter	Samp ID	Method	Result	Qual	Reporting Limit	D.F.	Sample Prep Date/Time	Analysis Date/Time	Analyst
Metals (Total) by EPA 6000/7000 Series Methods									
Silver	01	SW6010D	<0.500 mg/kg		0.500	1	03/17/26 11:30	03/18/26 13:21	NBT
Arsenic	01	SW6010D	<1.00 mg/kg		1.00	1	03/17/26 11:30	03/18/26 13:21	NBT
Barium	01	SW6010D	**5.69 mg/kg**		0.500	1	03/17/26 11:30	03/18/26 13:21	NBT
Cadmium	01	SW6010D	<0.200 mg/kg		0.200	1	03/17/26 11:30	03/18/26 13:21	NBT
Chromium	01	SW6010D	**3.85 mg/kg**		0.500	1	03/17/26 11:30	03/18/26 13:21	NBT
Mercury	01	SW7471B	<0.008 mg/kg		0.008	1	03/12/26 10:09	03/16/26 10:59	TBHW
Lead	01	SW6010D	**1.60 mg/kg**		0.500	1	03/17/26 11:30	03/18/26 13:21	NBT
Selenium	01	SW6010D	<2.50 mg/kg		2.50	1	03/17/26 11:30	03/18/26 13:21	NBT
Volatile Hydrocarbons by GC									
TPH-Volatiles (GRO)	01	SW8015C	<0.11 mg/kg		0.11	1	03/17/26 17:39	03/17/26 17:39	JWR
Surr: 2,5-Dibromotoluene (Surr FID)	*01*	*SW8015C*	*127 %*	*S*	*80-120*		*03/17/26 17:39*	*03/17/26 17:39*	*JWR*
Volatile Organic Compounds by GCMS									
1,1,1,2-Tetrachloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1,1-Trichloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1,2,2-Tetrachloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1,2-Trichloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1-Dichloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1-Dichloroethylene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,1-Dichloropropene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2,3-Trichlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2,3-Trichloropropane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2,4-Trichlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2,4-Trimethylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2-Dibromo-3-chloropropane (DBCP)	01	SW8260D	<5.00 ug/kg	C	5.00	1	03/16/26 18:49	03/16/26 18:49	NSD

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Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued: Project Number: Purchase Order:	March 20, 2026 10:31 59E-0077 00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Laboratory Order ID: 26C1346

Analytical Results

Sample I.D. SB-2@30-36" **Laboratory Sample ID:** 26C1346-01

Grab Date/Time: 03/10/2026 13:59

Field Residual Cl: **Field pH:**

Parameter	Samp ID	Method	Result	Qual	Reporting Limit	D.F.	Sample Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds by GCMS									
1,2-Dibromoethane (EDB)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2-Dichlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2-Dichloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,2-Dichloropropane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,3,5-Trimethylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,3-Dichlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,3-Dichloropropane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
1,4-Dichlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
2,2-Dichloropropane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
2-Butanone (MEK)	01	SW8260D	**7.24 ug/kg**		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
2-Chlorotoluene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
2-Hexanone (MBK)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
4-Chlorotoluene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
4-Isopropyltoluene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
4-Methyl-2-pentanone (MIBK)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Acetone	01	SW8260D	**44.8 ug/kg**		10.0	1	03/16/26 18:49	03/16/26 18:49	NSD
Benzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Bromobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Bromochloromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Bromodichloromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Bromoform	01	SW8260D	<5.00 ug/kg	C	5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Bromomethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Carbon disulfide	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Carbon tetrachloride	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Chlorobenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Chloroethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD

1941 Reymet Road ● Richmond, Virginia 23230 ● Tel: (804)-358-8295 Fax: (804)-358-8297

Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued: Project Number: Purchase Order:	March 20, 2026 10:31 59E-0077 00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Laboratory Order ID: 26C1346

Analytical Results

Sample I.D. SB-2@30-36" **Laboratory Sample ID:** 26C1346-01

Grab Date/Time: 03/10/2026 13:59

Field Residual Cl: **Field pH:**

Parameter	Samp ID	Method	Result	Qual	Reporting Limit	D.F.	Sample Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds by GCMS									
Chloroform	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Chloromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
cis-1,2-Dichloroethylene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
cis-1,3-Dichloropropene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Dibromochloromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Dibromomethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Dichlorodifluoromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Di-isopropyl ether (DIPE)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Ethylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Hexachlorobutadiene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Iodomethane	01	SW8260D	<10.0 ug/kg		10.0	1	03/16/26 18:49	03/16/26 18:49	NSD
Isopropylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
m+p-Xylenes	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Methylene chloride	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Methyl-t-butyl ether (MTBE)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Naphthalene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
n-Butylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
n-Propylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
o-Xylene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
sec-Butylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Styrene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
tert-Butylbenzene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Tetrachloroethylene (PCE)	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Toluene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
trans-1,2-Dichloroethylene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
trans-1,3-Dichloropropene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD

ENTHALPY ANALYTICAL

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Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued: Project Number: Purchase Order:	March 20, 2026 10:31 59E-0077 00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Laboratory Order ID: 26C1346

Analytical Results

Sample I.D. SB-2@30-36" **Laboratory Sample ID:** 26C1346-01

Grab Date/Time: 03/10/2026 13:59

Field Residual Cl: **Field pH:**

Parameter	Samp ID	Method	Result	Qual	Reporting Limit	D.F.	Sample Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds by GCMS									
Trichloroethylene	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Trichlorofluoromethane	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Vinyl acetate	01	SW8260D	<10.0 ug/kg	C	10.0	1	03/16/26 18:49	03/16/26 18:49	NSD
Vinyl chloride	01	SW8260D	<5.00 ug/kg		5.00	1	03/16/26 18:49	03/16/26 18:49	NSD
Xylenes, Total	01	SW8260D	<16.3 ug/kg		16.3	1	03/16/26 18:49	03/16/26 18:49	NSD
Surr: 1,2-Dichloroethane-d4 (Surr)	*01*	*SW8260D*	*117 %*		*80-120*		*03/16/26 18:49*	*03/16/26 18:49*	*NSD*
Surr: 4-Bromofluorobenzene (Surr)	*01*	*SW8260D*	*101 %*		*85-120*		*03/16/26 18:49*	*03/16/26 18:49*	*NSD*
Surr: Dibromofluoromethane (Surr)	*01*	*SW8260D*	*110 %*		*80-130*		*03/16/26 18:49*	*03/16/26 18:49*	*NSD*
Surr: Toluene-d8 (Surr)	*01*	*SW8260D*	*101 %*		*85-115*		*03/16/26 18:49*	*03/16/26 18:49*	*NSD*
Semivolatile Hydrocarbons by GC									
TPH-Semi-Volatiles (DRO)	01	SW8015C	<10.0 mg/kg		10.0	1	03/14/26 20:45	03/16/26 10:43	ATG
Surr: n-Triacontane (Surr)	*01*	*SW8015C*	*59.6 %*		*50-125*		*03/14/26 20:45*	*03/16/26 10:43*	*ATG*

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Final Report

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Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Analytical Summary

Preparation Method:

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods		**Preparation Method:**	**SW3050B-ICP**		
26C1346-01	1.04 g / 50.0 mL	SW6010D	BJC0905	SJC0817	AC60280
Semivolatile Hydrocarbons by GC		**Preparation Method:**	**SW3580A-FID**		
26C1346-01	10.1 g / 10.0 mL	SW8015C	BJC0828	SJC0760	AC60215
Volatile Hydrocarbons by GC		**Preparation Method:**	**SW5035-GC**		
26C1346-01	4.59 g / 5.00 mL	SW8015C	BJC0907	SJC0764	AC60245
Volatile Organic Compounds by GCMS		**Preparation Method:**	**SW5035-MS**		
26C1346-01	4.59 g / 5.00 mL	SW8260D	BJC0869	SJC0704	AC60209
Metals (Total) by EPA 6000/7000 Series Methods		**Preparation Method:**	**SW7471B**		
26C1346-01	0.523 g / 20.0 mL	SW7471B	BJC0658	SJC0680	AC60254

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Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

QC Analytical Summary

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			**Preparation Method:**	**SW3050B-ICP**	
BJC0905-BLK1	1.00 g / 50.0 mL	SW6010D	BJC0905	SJC0817	AC60280
BJC0905-BS1	1.09 g / 50.0 mL	SW6010D	BJC0905	SJC0817	AC60280
BJC0905-MS1	1.04 g / 50.0 mL	SW6010D	BJC0905	SJC0817	AC60280
BJC0905-MSD1	1.08 g / 50.0 mL	SW6010D	BJC0905	SJC0817	AC60280

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Semivolatile Hydrocarbons by GC			**Preparation Method:**	**SW3580A-FID**	
BJC0828-BLK1	10.0 g / 10.0 mL	SW8015C	BJC0828	SJC0760	AC60215
BJC0828-BS1	10.0 g / 10.0 mL	SW8015C	BJC0828	SJC0760	AC60215
BJC0828-MS1	10.3 g / 10.0 mL	SW8015C	BJC0828	SJC0760	AC60215
BJC0828-MSD1	10.4 g / 10.0 mL	SW8015C	BJC0828	SJC0760	AC60215

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Volatile Hydrocarbons by GC			**Preparation Method:**	**SW5035-GC**	
BJC0907-BLK1	5.00 g / 5.00 mL	SW8015C	BJC0907	SJC0764	AC60245
BJC0907-BS1	5.00 g / 5.00 mL	SW8015C	BJC0907	SJC0764	AC60245
BJC0907-DUP1	4.79 g / 5.00 mL	SW8015C	BJC0907	SJC0764	AC60245

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Volatile Organic Compounds by GCMS			**Preparation Method:**	**SW5035-MS**	
BJC0869-BLK1	5.00 g / 5.00 mL	SW8260D	BJC0869	SJC0704	AC60209
BJC0869-BS1	5.00 g / 5.00 mL	SW8260D	BJC0869	SJC0704	AC60209
BJC0869-DUP1	5.00 g / 5.00 mL	SW8260D	BJC0869	SJC0704	AC60209

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			**Preparation Method:**	**SW7471B**	
BJC0658-BLK1	0.500 g / 20.0 mL	SW7471B	BJC0658	SJC0680	AC60254

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Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			**Preparation Method:**	**SW7471B**	
BJC0658-BS1	0.509 g / 20.0 mL	SW7471B	BJC0658	SJC0680	AC60254
BJC0658-MS1	0.545 g / 20.0 mL	SW7471B	BJC0658	SJC0680	AC60254
BJC0658-MSD1	0.544 g / 20.0 mL	SW7471B	BJC0658	SJC0680	AC60254

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Metals (Total) by EPA 6000/7000 Series Methods - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0658 - SW7471B										
Blank (BJC0658-BLK1)				Prepared: 03/12/2026 Analyzed: 03/16/2026						
Mercury	<0.008 mg/kg	0.008	mg/kg							
LCS (BJC0658-BS1)				Prepared: 03/12/2026 Analyzed: 03/16/2026						
Mercury	0.093 mg/kg	0.008	mg/kg	0.0982 mg/kg		94.8	80-120			
Matrix Spike (BJC0658-MS1)	**Source: 26C0921-01**			Prepared: 03/12/2026 Analyzed: 03/16/2026						
Mercury	0.174 mg/kg	0.008	mg/kg	0.0917	0.097 mg/kg	83.6	80-120			
Matrix Spike Dup (BJC0658-MSD1)	**Source: 26C0921-01**			Prepared: 03/12/2026 Analyzed: 03/16/2026						
Mercury	0.172 mg/kg	0.008	mg/kg	0.0919	0.097 mg/kg	81.0	80-120	1.30	20	
Batch BJC0905 - SW3050B-ICP										
Blank (BJC0905-BLK1)				Prepared: 03/17/2026 Analyzed: 03/18/2026						
Lead	<0.500 mg/kg	0.500	mg/kg							
Barium	<0.500 mg/kg	0.500	mg/kg							
Selenium	<2.50 mg/kg	2.50	mg/kg							
Chromium	<0.500 mg/kg	0.500	mg/kg							B
Cadmium	<0.200 mg/kg	0.200	mg/kg							
Arsenic	<1.00 mg/kg	1.00	mg/kg							
Silver	<0.500 mg/kg	0.500	mg/kg							
LCS (BJC0905-BS1)				Prepared: 03/17/2026 Analyzed: 03/18/2026						
Silver	4.82 mg/kg	0.500	mg/kg	4.59 mg/kg		105	80-120			
Arsenic	91.2 mg/kg	1.00	mg/kg	91.7 mg/kg		99.4	80-120			
Barium	101 mg/kg	0.500	mg/kg	91.7 mg/kg		111	80-120			
Cadmium	92.6 mg/kg	0.200	mg/kg	91.7 mg/kg		101	80-120			
Chromium	94.0 mg/kg	0.500	mg/kg	91.7 mg/kg		102	80-120			
Lead	93.6 mg/kg	0.500	mg/kg	91.7 mg/kg		102	80-120			
Selenium	89.1 mg/kg	2.50	mg/kg	91.7 mg/kg		97.1	80-120			

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Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Metals (Total) by EPA 6000/7000 Series Methods - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0905 - SW3050B-ICP										
Matrix Spike (BJC0905-MS1)	**Source: 26C1474-01**			Prepared: 03/17/2026 Analyzed: 03/18/2026						
Chromium	107 mg/kg	4.83	mg/kg	96.5	5.00 mg/kg	105	75-125			
Arsenic	101 mg/kg	9.65	mg/kg	96.5	<9.65 mg/kg	100	75-125			
Cadmium	98.5 mg/kg	1.93	mg/kg	96.5	<1.93 mg/kg	102	75-125			
Lead	443 mg/kg	4.83	mg/kg	96.5	135 mg/kg	319	75-125			M
Selenium	90.5 mg/kg	24.1	mg/kg	96.5	<24.1 mg/kg	93.8	75-125			
Silver	5.37 mg/kg	4.83	mg/kg	4.83	<4.83 mg/kg	111	75-125			
Barium	340 mg/kg	4.83	mg/kg	96.5	74.7 mg/kg	275	75-125			M
Matrix Spike Dup (BJC0905-MSD1)	**Source: 26C1474-01**			Prepared: 03/17/2026 Analyzed: 03/18/2026						
Arsenic	75.1 mg/kg	9.29	mg/kg	92.9	<9.29 mg/kg	76.6	75-125	29.1	20	P
Barium	205 mg/kg	4.65	mg/kg	92.9	74.7 mg/kg	140	75-125	49.4	20	M, P
Chromium	80.1 mg/kg	4.65	mg/kg	92.9	5.00 mg/kg	80.8	75-125	28.5	20	P
Lead	338 mg/kg	4.65	mg/kg	92.9	135 mg/kg	218	75-125	27.0	20	M, P
Selenium	70.3 mg/kg	23.2	mg/kg	92.9	<23.2 mg/kg	75.6	75-125	25.2	20	P
Silver	<4.65 mg/kg	4.65	mg/kg	4.65	<4.65 mg/kg	88.5	75-125	26.6	20	P
Cadmium	75.2 mg/kg	1.86	mg/kg	92.9	<1.86 mg/kg	80.9	75-125	26.9	20	P

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Hydrocarbons by GC - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0907 - SW5035-GC										
Blank (BJC0907-BLK1)				Prepared & Analyzed: 03/17/2026						
TPH-Volatiles (GRO)	<0.10 mg/kg	0.10	mg/kg							
Surr: 2,5-Dibromotoluene (Surr FID)	108		ug/L	100		108	80-120			
LCS (BJC0907-BS1)				Prepared & Analyzed: 03/17/2026						
TPH-Volatiles (GRO)	0.87 mg/kg	0.10	mg/kg	1.00	mg/kg	86.9	70-130			
Surr: 2,5-Dibromotoluene (Surr FID)	108		ug/L	100	ug/L	108	80-120			
Duplicate (BJC0907-DUP1)		**Source: 26C1346-01**		Prepared & Analyzed: 03/17/2026						
TPH-Volatiles (GRO)	<0.10 mg/kg	0.10	mg/kg		<0.10 mg/kg			NA	20	
Surr: 2,5-Dibromotoluene (Surr FID)	132		ug/L	100	ug/L	132	80-120			S

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Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
Blank (BJC0869-BLK1)				Prepared & Analyzed: 03/16/2026						
1,1,1,2-Tetrachloroethane	<5.00 ug/kg	5.00	ug/kg							
1,1,1-Trichloroethane	<5.00 ug/kg	5.00	ug/kg							
1,1,2,2-Tetrachloroethane	<5.00 ug/kg	5.00	ug/kg							
1,1,2-Trichloroethane	<5.00 ug/kg	5.00	ug/kg							
1,1-Dichloroethane	<5.00 ug/kg	5.00	ug/kg							
1,1-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg							
1,1-Dichloropropene	<5.00 ug/kg	5.00	ug/kg							
1,2,3-Trichlorobenzene	<5.00 ug/kg	5.00	ug/kg							
1,2,3-Trichloropropane	<5.00 ug/kg	5.00	ug/kg							
1,2,4-Trichlorobenzene	<5.00 ug/kg	5.00	ug/kg							
1,2,4-Trimethylbenzene	<5.00 ug/kg	5.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	<5.00 ug/kg	5.00	ug/kg							
1,2-Dibromoethane (EDB)	<5.00 ug/kg	5.00	ug/kg							
1,2-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg							
1,2-Dichloroethane	<5.00 ug/kg	5.00	ug/kg							
1,2-Dichloropropane	<5.00 ug/kg	5.00	ug/kg							
1,3,5-Trimethylbenzene	<5.00 ug/kg	5.00	ug/kg							
1,3-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg							
1,3-Dichloropropane	<5.00 ug/kg	5.00	ug/kg							
1,4-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg							
2,2-Dichloropropane	<5.00 ug/kg	5.00	ug/kg							
2-Butanone (MEK)	<5.00 ug/kg	5.00	ug/kg							
2-Chlorotoluene	<5.00 ug/kg	5.00	ug/kg							
2-Hexanone (MBK)	<5.00 ug/kg	5.00	ug/kg							
4-Chlorotoluene	<5.00 ug/kg	5.00	ug/kg							
4-Isopropyltoluene	<5.00 ug/kg	5.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	<5.00 ug/kg	5.00	ug/kg							
Acetone	<10.0 ug/kg	10.0	ug/kg							
Benzene	<5.00 ug/kg	5.00	ug/kg							
Bromobenzene	<5.00 ug/kg	5.00	ug/kg							
Bromochloromethane	<5.00 ug/kg	5.00	ug/kg							

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		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
Blank (BJC0869-BLK1)				Prepared & Analyzed: 03/16/2026						
Bromodichloromethane	<5.00 ug/kg	5.00	ug/kg							
Bromoform	<5.00 ug/kg	5.00	ug/kg							
Bromomethane	<5.00 ug/kg	5.00	ug/kg							
Carbon disulfide	<5.00 ug/kg	5.00	ug/kg							
Carbon tetrachloride	<5.00 ug/kg	5.00	ug/kg							
Chlorobenzene	<5.00 ug/kg	5.00	ug/kg							
Chloroethane	<5.00 ug/kg	5.00	ug/kg							
Chloroform	<5.00 ug/kg	5.00	ug/kg							
Chloromethane	<5.00 ug/kg	5.00	ug/kg							
cis-1,2-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg							
cis-1,3-Dichloropropene	<5.00 ug/kg	5.00	ug/kg							
Dibromochloromethane	<5.00 ug/kg	5.00	ug/kg							
Dibromomethane	<5.00 ug/kg	5.00	ug/kg							
Dichlorodifluoromethane	<5.00 ug/kg	5.00	ug/kg							
Di-isopropyl ether (DIPE)	<5.00 ug/kg	5.00	ug/kg							
Ethylbenzene	<5.00 ug/kg	5.00	ug/kg							
Hexachlorobutadiene	<5.00 ug/kg	5.00	ug/kg							
Iodomethane	<10.0 ug/kg	10.0	ug/kg							
Isopropylbenzene	<5.00 ug/kg	5.00	ug/kg							
m+p-Xylenes	<5.00 ug/kg	5.00	ug/kg							
Methylene chloride	<5.00 ug/kg	5.00	ug/kg							
Methyl-t-butyl ether (MTBE)	<5.00 ug/kg	5.00	ug/kg							
Naphthalene	<5.00 ug/kg	5.00	ug/kg							
n-Butylbenzene	<5.00 ug/kg	5.00	ug/kg							
n-Propylbenzene	<5.00 ug/kg	5.00	ug/kg							
o-Xylene	<5.00 ug/kg	5.00	ug/kg							
sec-Butylbenzene	<5.00 ug/kg	5.00	ug/kg							
Styrene	<5.00 ug/kg	5.00	ug/kg							
tert-Butylbenzene	<5.00 ug/kg	5.00	ug/kg							
Tetrachloroethylene (PCE)	<5.00 ug/kg	5.00	ug/kg							
Toluene	<5.00 ug/kg	5.00	ug/kg							

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
Blank (BJC0869-BLK1)				Prepared & Analyzed: 03/16/2026						
trans-1,2-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg							
trans-1,3-Dichloropropene	<5.00 ug/kg	5.00	ug/kg							
Trichloroethylene	<5.00 ug/kg	5.00	ug/kg							
Trichlorofluoromethane	<5.00 ug/kg	5.00	ug/kg							
Vinyl acetate	<10.0 ug/kg	10.0	ug/kg							
Vinyl chloride	<5.00 ug/kg	5.00	ug/kg							
Xylenes, Total	<15.0 ug/kg	15.0	ug/kg							
Surr: 1,2-Dichloroethane-d4 (Surr)	47.9		ug/L	50.0		95.8	80-120			
Surr: 4-Bromofluorobenzene (Surr)	50.3		ug/L	50.0		101	85-120			
Surr: Dibromofluoromethane (Surr)	52.5		ug/L	50.0		105	80-130			
Surr: Toluene-d8 (Surr)	51.1		ug/L	50.0		102	85-115			
LCS (BJC0869-BS1)				Prepared & Analyzed: 03/16/2026						
1,1,1,2-Tetrachloroethane	43.4 ug/L		ug/L	50.0	ug/L	86.8	85-132			
1,1,1-Trichloroethane	46.0 ug/L		ug/L	50.0	ug/L	92.0	70-135			
1,1,2,2-Tetrachloroethane	41.0 ug/L		ug/L	50.0	ug/L	81.9	55-130			
1,1,2-Trichloroethane	43.3 ug/L		ug/L	50.0	ug/L	86.6	60-125			
1,1-Dichloroethane	48.9 ug/L		ug/L	50.0	ug/L	97.8	70-136			
1,1-Dichloroethylene	44.7 ug/L		ug/L	50.0	ug/L	89.3	65-135			
1,1-Dichloropropene	48.3 ug/L		ug/L	50.0	ug/L	96.6	70-135			
1,2,3-Trichlorobenzene	50.4 ug/L		ug/L	50.0	ug/L	101	60-135			
1,2,3-Trichloropropane	40.2 ug/L		ug/L	50.0	ug/L	80.4	65-130			
1,2,4-Trichlorobenzene	53.3 ug/L		ug/L	50.0	ug/L	107	65-130			
1,2,4-Trimethylbenzene	52.0 ug/L		ug/L	50.0	ug/L	104	65-135			
1,2-Dibromo-3-chloropropane (DBCP)	34.8 ug/L		ug/L	50.0	ug/L	69.5	40-135			
1,2-Dibromoethane (EDB)	41.6 ug/L		ug/L	50.0	ug/L	83.2	70-125			
1,2-Dichlorobenzene	50.0 ug/L		ug/L	50.0	ug/L	100	75-120			
1,2-Dichloroethane	41.3 ug/L		ug/L	50.0	ug/L	82.6	70-135			
1,2-Dichloropropane	46.6 ug/L		ug/L	50.0	ug/L	93.3	70-120			
1,3,5-Trimethylbenzene	49.9 ug/L		ug/L	50.0	ug/L	99.7	65-135			
1,3-Dichlorobenzene	52.3 ug/L		ug/L	50.0	ug/L	105	70-125			
1,3-Dichloropropane	44.3 ug/L		ug/L	50.0	ug/L	88.5	75-125			

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Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
LCS (BJC0869-BS1)				Prepared & Analyzed: 03/16/2026						
1,4-Dichlorobenzene	50.0 ug/L		ug/L	50.0	ug/L	100	70-125			
2,2-Dichloropropane	50.3 ug/L		ug/L	50.0	ug/L	101	65-135			
2-Butanone (MEK)	40.5 ug/L		ug/L	50.0	ug/L	81.1	30-160			
2-Chlorotoluene	47.6 ug/L		ug/L	50.0	ug/L	95.2	70-130			
2-Hexanone (MBK)	38.6 ug/L		ug/L	50.0	ug/L	77.1	45-145			
4-Chlorotoluene	50.4 ug/L		ug/L	50.0	ug/L	101	75-125			
4-Isopropyltoluene	53.0 ug/L		ug/L	50.0	ug/L	106	75-135			
4-Methyl-2-pentanone (MIBK)	37.8 ug/L		ug/L	50.0	ug/L	75.5	45-145			
Acetone	43.0 ug/L		ug/L	50.0	ug/L	85.9	20-160			
Benzene	47.7 ug/L		ug/L	50.0	ug/L	95.3	75-125			
Bromobenzene	45.1 ug/L		ug/L	50.0	ug/L	90.2	65-120			
Bromochloromethane	43.7 ug/L		ug/L	50.0	ug/L	87.5	70-125			
Bromodichloromethane	45.0 ug/L		ug/L	50.0	ug/L	89.9	70-130			
Bromoform	37.6 ug/L		ug/L	50.0	ug/L	75.1	55-135			
Bromomethane	44.8 ug/L		ug/L	50.0	ug/L	89.5	30-160			
Carbon disulfide	32.1 ug/L		ug/L	50.0	ug/L	64.2	45-160			
Carbon tetrachloride	47.0 ug/L		ug/L	50.0	ug/L	93.9	65-135			
Chlorobenzene	47.5 ug/L		ug/L	50.0	ug/L	95.0	75-125			
Chloroethane	55.3 ug/L		ug/L	50.0	ug/L	111	40-155			
Chloroform	46.8 ug/L		ug/L	50.0	ug/L	93.6	70-125			
Chloromethane	42.6 ug/L		ug/L	50.0	ug/L	85.1	50-130			
cis-1,2-Dichloroethylene	44.6 ug/L		ug/L	50.0	ug/L	89.2	65-125			
cis-1,3-Dichloropropene	47.2 ug/L		ug/L	50.0	ug/L	94.4	70-125			
Dibromochloromethane	44.6 ug/L		ug/L	50.0	ug/L	89.1	65-130			
Dibromomethane	41.4 ug/L		ug/L	50.0	ug/L	82.8	75-130			
Dichlorodifluoromethane	51.8 ug/L		ug/L	50.0	ug/L	104	35-135			
Ethylbenzene	50.8 ug/L		ug/L	50.0	ug/L	102	75-125			
Hexachlorobutadiene	51.7 ug/L		ug/L	50.0	ug/L	103	55-140			
Isopropylbenzene	49.8 ug/L		ug/L	50.0	ug/L	99.6	75-130			
m+p-Xylenes	98.4 ug/L		ug/L	100	ug/L	98.4	80-125			
Methylene chloride	44.4 ug/L		ug/L	50.0	ug/L	88.8	55-140			

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Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
LCS (BJC0869-BS1)				Prepared & Analyzed: 03/16/2026						
Methyl-t-butyl ether (MTBE)	43.4 ug/L		ug/L	50.0	ug/L	86.9	65-125			
Naphthalene	47.0 ug/L		ug/L	50.0	ug/L	93.9	40-125			
n-Butylbenzene	54.6 ug/L		ug/L	50.0	ug/L	109	65-140			
n-Propylbenzene	49.5 ug/L		ug/L	50.0	ug/L	99.1	65-135			
o-Xylene	45.8 ug/L		ug/L	50.0	ug/L	91.7	75-125			
sec-Butylbenzene	55.1 ug/L		ug/L	50.0	ug/L	110	65-130			
Styrene	46.9 ug/L		ug/L	50.0	ug/L	93.8	75-125			
tert-Butylbenzene	49.5 ug/L		ug/L	50.0	ug/L	98.9	65-130			
Tetrachloroethylene (PCE)	47.8 ug/L		ug/L	50.0	ug/L	95.5	48.1-219			
Toluene	46.5 ug/L		ug/L	50.0	ug/L	93.0	70-125			
trans-1,2-Dichloroethylene	48.5 ug/L		ug/L	50.0	ug/L	97.0	65-135			
trans-1,3-Dichloropropene	45.9 ug/L		ug/L	50.0	ug/L	91.8	65-125			
Trichloroethylene	46.4 ug/L		ug/L	50.0	ug/L	92.8	75-125			
Trichlorofluoromethane	50.4 ug/L		ug/L	50.0	ug/L	101	25-185			
Vinyl chloride	62.4 ug/L		ug/L	50.0	ug/L	125	60-125			
Surr: 1,2-Dichloroethane-d4 (Surr)	49.8		ug/L	50.0	ug/L	99.6	80-120			
Surr: 4-Bromofluorobenzene (Surr)	48.4		ug/L	50.0	ug/L	96.7	85-120			
Surr: Dibromofluoromethane (Surr)	49.3		ug/L	50.0	ug/L	98.7	80-130			
Surr: Toluene-d8 (Surr)	50.2		ug/L	50.0	ug/L	100	85-115			
Duplicate (BJC0869-DUP1)		**Source: 26C1489-01**		Prepared & Analyzed: 03/16/2026						
1,1,1,2-Tetrachloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1,1-Trichloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1,2,2-Tetrachloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1,2-Trichloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1-Dichloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,1-Dichloropropene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2,3-Trichlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2,3-Trichloropropane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2,4-Trichlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2,4-Trimethylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	

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Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
Duplicate (BJC0869-DUP1)		**Source: 26C1489-01**		Prepared & Analyzed: 03/16/2026						
1,2-Dibromo-3-chloropropane (DBCP)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2-Dibromoethane (EDB)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2-Dichloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,2-Dichloropropane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,3,5-Trimethylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,3-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,3-Dichloropropane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
1,4-Dichlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
2,2-Dichloropropane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
2-Butanone (MEK)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
2-Chlorotoluene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
2-Hexanone (MBK)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
4-Chlorotoluene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
4-Isopropyltoluene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
4-Methyl-2-pentanone (MIBK)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Acetone	<10.0 ug/kg	10.0	ug/kg		<10.0 ug/kg			NA	30	
Benzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Bromobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Bromochloromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Bromodichloromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Bromoform	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Bromomethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Carbon disulfide	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Carbon tetrachloride	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Chlorobenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Chloroethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Chloroform	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Chloromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
cis-1,2-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
cis-1,3-Dichloropropene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	

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Certificate of Analysis

Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0869 - SW5035-MS										
Duplicate (BJC0869-DUP1)	**Source: 26C1489-01**		Prepared & Analyzed: 03/16/2026							
Dibromochloromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Dibromomethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Dichlorodifluoromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Di-isopropyl ether (DIPE)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Ethylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Hexachlorobutadiene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Iodomethane	<10.0 ug/kg	10.0	ug/kg		<10.0 ug/kg			NA	30	
Isopropylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
m+p-Xylenes	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Methylene chloride	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Methyl-t-butyl ether (MTBE)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Naphthalene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
n-Butylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
n-Propylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
o-Xylene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
sec-Butylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Styrene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
tert-Butylbenzene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Tetrachloroethylene (PCE)	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Toluene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
trans-1,2-Dichloroethylene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
trans-1,3-Dichloropropene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Trichloroethylene	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Trichlorofluoromethane	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Vinyl acetate	<10.0 ug/kg	10.0	ug/kg		<10.0 ug/kg			NA	30	
Vinyl chloride	<5.00 ug/kg	5.00	ug/kg		<5.00 ug/kg			NA	30	
Xylenes, Total	<15.0 ug/kg	15.0	ug/kg		<15.0 ug/kg			NA	30	
Surr: 1,2-Dichloroethane-d4 (Surr)	52.3		ug/L	50.0	ug/L	105	80-120			
Surr: 4-Bromofluorobenzene (Surr)	49.5		ug/L	50.0	ug/L	99.1	85-120			
Surr: Dibromofluoromethane (Surr)	52.0		ug/L	50.0	ug/L	104	80-130			
Surr: Toluene-d8 (Surr)	51.3		ug/L	50.0	ug/L	103	85-115			

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Client Site I.D.:	FAST In Ground Bus Lift		

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual

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Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Semivolatile Hydrocarbons by GC - Quality Control

Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJC0828 - SW3580A-FID										
Blank (BJC0828-BLK1)				Prepared: 03/14/2026 Analyzed: 03/16/2026						
TPH-Semi-Volatiles (DRO)	<10.0 mg/kg	10.0	mg/kg							
Surr: n-Triacontane (Surr)	2.79		mg/kg	5.00		55.8	50-125			
LCS (BJC0828-BS1)				Prepared: 03/14/2026 Analyzed: 03/16/2026						
TPH-Semi-Volatiles (DRO)	88.9 mg/kg	10.0	mg/kg	100	mg/kg	88.9	70-130			
Surr: n-Triacontane (Surr)	2.24		mg/kg	5.00	mg/kg	44.8	50-125			S
Matrix Spike (BJC0828-MS1)		**Source: 26C1346-01**		Prepared: 03/14/2026 Analyzed: 03/16/2026						
TPH-Semi-Volatiles (DRO)	97.8 mg/kg	10.0	mg/kg	97.2	<10.0 mg/kg	101	70-130			
Surr: n-Triacontane (Surr)	2.74		mg/kg	4.86	mg/kg	56.4	50-125			
Matrix Spike Dup (BJC0828-MSD1)		**Source: 26C1346-01**		Prepared: 03/14/2026 Analyzed: 03/16/2026						
TPH-Semi-Volatiles (DRO)	94.9 mg/kg	10.0	mg/kg	96.2	<10.0 mg/kg	98.6	70-130	3.05	20	
Surr: n-Triacontane (Surr)	3.04		mg/kg	4.81	mg/kg	63.2	50-125			

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Client Site I.D.:	FAST In Ground Bus Lift		

Certified Analyses included in this Report

Analyte	Certifications
SW6010D in Solids	
Arsenic	VELAP,WVDEP,PADEP,NCDEQ,SCDES,TXCEQ
Barium	VELAP,WVDEP,PADEP,SCDES,NCDEQ,TXCEQ
Cadmium	VELAP,WVDEP,PADEP,NCDEQ,SCDES,TXCEQ
Chromium	VELAP,WVDEP,PADEP,NCDEQ,SCDES,TXCEQ
Lead	VELAP,WVDEP,PADEP,SCDES,NCDEQ,TXCEQ
Selenium	VELAP,WVDEP,PADEP,SCDES,NCDEQ,TXCEQ
Silver	VELAP,WVDEP,PADEP,SCDES,NCDEQ,TXCEQ
SW7471B in Solids	
Mercury	VELAP,PADEP,NCDEQ,WVDEP,SCDES,TXCEQ
SW8015C in Solids	
TPH-Semi-Volatiles (DRO)	VELAP,PADEP,NCDEQ,WVDEP,TXCEQ
TPH-Volatiles (GRO)	VELAP,PADEP,NCDEQ,WVDEP,TXCEQ
SW8260D in Solids	
1,1,1,2-Tetrachloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1,1-Trichloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1,2,2-Tetrachloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1,2-Trichloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1-Dichloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1-Dichloroethylene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,1-Dichloropropene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2,3-Trichlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2,3-Trichloropropane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2,4-Trichlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2,4-Trimethylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2-Dibromo-3-chloropropane (DBCP)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2-Dibromoethane (EDB)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2-Dichlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2-Dichloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,2-Dichloropropane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,3,5-Trimethylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,3-Dichlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,3-Dichloropropane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
1,4-Dichlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
2,2-Dichloropropane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
2-Butanone (MEK)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
2-Chlorotoluene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES

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Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Certified Analyses included in this Report

Analyte	Certifications
2-Hexanone (MBK)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
4-Chlorotoluene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
4-Isopropyltoluene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP
4-Methyl-2-pentanone (MIBK)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Acetone	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Benzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Bromobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Bromochloromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Bromodichloromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Bromoform	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Bromomethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Carbon disulfide	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Carbon tetrachloride	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Chlorobenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Chloroethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Chloroform	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Chloromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
cis-1,2-Dichloroethylene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
cis-1,3-Dichloropropene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Dibromochloromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Dibromomethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Dichlorodifluoromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Di-isopropyl ether (DIPE)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP
Ethylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Hexachlorobutadiene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Iodomethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Isopropylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
m+p-Xylenes	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP
Methylene chloride	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Methyl-t-butyl ether (MTBE)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Naphthalene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
n-Butylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
n-Propylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
o-Xylene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP
sec-Butylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Styrene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
tert-Butylbenzene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Tetrachloroethylene (PCE)	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES

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Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Certified Analyses included in this Report

Analyte	Certifications
Toluene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
trans-1,2-Dichloroethylene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
trans-1,3-Dichloropropene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Trichloroethylene	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Trichlorofluoromethane	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Vinyl acetate	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Vinyl chloride	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Xylenes, Total	NCDEQ,TXCEQ,VELAP,PADEP,WVDEP,SCDES
Dibromofluoromethane (Surr)	VELAP

Code	Description	Laboratory ID	Expires
DURSC-NCDEQ	NCDEQ Durham Service Center	703	12/31/2026
DURSC-NCDHHS	NCDHHS Durham Service Center	37918	07/31/2026
MdDOE	Maryland DE Drinking Water	341	12/31/2026
NCDEQ	North Carolina DEQ	495	12/31/2026
NCDHHS	North Carolina Department of Health and Human	51714	07/31/2026
PADEP	NELAP-Pennsylvania Certificate #011	68-03503	10/31/2026
SCDES	South Carolina Dept of Environmental Services C	93016	06/14/2026
TXCEQ	Texas Comm on Environmental Quality #TX-C25-	T104704576	05/31/2026
VELAP	NELAP-Virginia Certificate #13761	460021	06/14/2026
WVDEP	West Virginia DEP Cert ID: WV-C25-00166	350	11/30/2026

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Certificate of Analysis

Final Report

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		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Summary of Data Qualifiers

B	Blank contamination. The recorded result is associated with a contaminated blank.
C	Continuing calibration verification response for this analyte is outside specifications.
M	Matrix spike recovery is outside established acceptance limits
P	Duplicate analysis does not meet the acceptance criteria for precision
S	Surrogate recovery was outside acceptance criteria
RPD	Relative Percent Difference
Qual	Qualifers
-RE	Denotes sample was re-analyzed
D.F.	Dilution Factor. Please also see the Preparation Factor in the Analysis Summary section.
TIC	Tentatively Identified Compounds are compounds that are identified by comparing the analyte mass spectral pattern with the NIST spectral library. A TIC spectral match is reported when the pattern is at least 75% consistent with the published pattern. Compound concentrations are estimated and are calculated using an internal standard response factor of 1.
PCBs, Total	Total PCBs are defined as the sum of detected Aroclors 1016, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

Chain of Custody
Effective: Jan 31, 2024

ENTHALPY ANALYTICAL

1941 REYMET ROAD
RICHMOND, VIRGINIA 23237
(804) 358-8295 PHONE
(804)358-8297 FAX

CHAIN OF CUSTODY

Page 1 of 1

COMPANY:	Froehling + Robertson	INVOICE TO:	F&R	PROJECT NAME/Quote #:	FAST InGround Bus Lift
CONTACT:	Lucas Powell	INVOICE CONTACT:		SITE NAME:	FAST InGround Bus Lift
ADDRESS:	3015 Dumbarton Rd, Richmond, VA	INVOICE ADDRESS:		PROJECT NUMBER:	59E0077
PHONE #:	804-284-2701	INVOICE PHONE #:		P.O. #:	00001
FAX #:		EMAIL:	lpowell@froehlr.com	Pretreatment Program:	

Is sample for compliance reporting? Y (N) Regulatory State: Is sample from a chlorinated supply? Y (N) PWS I.D. #:

SAMPLER NAME (PRINT): SAMPLER SIGNATURE:

Turn Around Time 10 Days (5 Days) or Day(s)

Matrix Codes: WW=Waste Water/Storm Water GW=Ground Water DW=Drinking Water S=Soil/Solids OR=Organic A=Air WP=Wipe OT=Other

LAB USE ONLY

Cooler Temp
Therm ID: 271
Observed Temp °C: 2.1
Correction Factor °C: 0.0
Corrected Temp °C: 2.1

	CLIENT SAMPLE I.D.	Grab	Composite	Field Filtered (Dissolved)	Composite Start Date	Composite Start Time	Grab Date or Composite Stop Date	Grab Time or Composite Stop Time	Time Preserved	Matrix (See Codes)	Number of Containers	ANALYSIS: TPH-DRO 8015	TPH-GRO 8015	VOCs 8260	RCRA-8 Metals					COMMENTS
1)	SB-2@30-36"	X					3/10/26	1359		S	6	X	X	X	X					
2)																				
3)																				
4)																				
5)																				
6)																				
7)																				
8)																				
9)																				
10)																				

Preservative Codes: N=Nitric Acid C=Hydrochloric Acid S=Sulfuric Acid H=Sodium Hydroxide A=Ascorbic Acid Z=Zinc Acetate T=Sodium Thiosulfate M=Methanol

PLEASE NOTE PRESERVATIVE(S), INTERFERENCE CHECKS or PUMP RATE (L/min)

RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
[signature]	3/10/26 16:05	[signature] 11:22 Rec'd	03.10.26 1605
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
		[signature]	3-11-26 1600
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
[signature]	3-11-26 1830	[signature]	3/12/26 0800

QC Data Package Level III ☐ Level IV ☐
Custody Seals used and intact? Y ☐ N ☒
Received on ice? Y ☒ N ☐

LAB USE ONLY

26C1346
F&R
FAST InGround Bus Lift
Recd: 03/12/2026 Due: 03/19/2026

v130325002

ENTHALPY ANALYTICAL

1941 REYMET ROAD
RICHMOND, VIRGINIA 23237
(804) 358-8295 PHONE
(804)358-8297 FAX

CHAIN OF CUSTODY

Page 1 of 1

COMPANY:	Froehling + Robertson	INVOICE TO:	F&R	PROJECT NAME/Quote #:	FAST InGround Bus Lift
CONTACT:	Lucas Powell	INVOICE CONTACT:		SITE NAME:	FAST InGround Bus Lift
ADDRESS:	3015 Dumbarton Rd, Richmond, VA	INVOICE ADDRESS:		PROJECT NUMBER:	59E0077
PHONE #:	804-264-2701	INVOICE PHONE #:		P.O. #:	00001
FAX #:		EMAIL:	lpowell@froehlr.com	Pretreatment Program:	
Is sample for compliance reporting?	Y (N)	Regulatory State:		Is sample from a chlorinated supply?	Y (N)
SAMPLER NAME (PRINT):	Evelia DeSantis	SAMPLER SIGNATURE:	Evelia DeSantis	PWS I.D. #:	

Turn Around Time: 10 Days | (5 Days) | or | Day(s)

Matrix Codes: WW=Waste Water/Storm Water GW=Ground Water DW=Drinking Water S=Soil/Solids OR=Organic A=Air WP=Wipe OT=Other

LAB USE ONLY

Cooler Temp

Therm ID: 271

Observed Temp °C: 2.1

Correction Factor °C: 0.0

Corrected Temp °C: 2.1

	CLIENT SAMPLE I.D.	Grab	Composite	Field Filtered (Dissolved	Composite Start Date	Composite Start Time	Grab Date or Composite Stop Date	Grab Time or Composite Stop Time	Time Preserved	Matrix (See Codes)	Number of Containers	ANALYSIS: TPH-DRO 8015	TPH-GRO 8015	VOCs 8260	RCRA-8 Metals					COMMENTS
1)	SB-2@30-36"	X					3/10/26	1359		S	6	X	X	X	X					
2)																				
3)																				
4)																				
5)																				
6)																				
7)																				
8)																				
9)																				
10)																				

Preservative Codes: N=Nitric Acid C=Hydrochloric Acid S=Sulfuric Acid H=Sodium Hydroxide A=Ascorbic Acid Z=Zinc Acetate T=Sodium Thiosulfate M=Methanol

PLEASE NOTE PRESERVATIVE(S), INTERFERENCE CHECKS or PUMP RATE (L/min)

RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
[signature]	3/10/26 16:05	[signature] 4:22 Rec'd	03.10.26 1605
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
		[signature]	3.11.26 1600
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
[signature]	3.11.26 1830	[signature]	3/12/26 0810

QC Data Package
Level III
Level IV

Custody Seals used and intact? Y N X

Received on ice? Y X N

LAB USE ONLY

26C1346

F&R
FAST InGround Bus Lift
Recd: 03/12/2026 Due: 03/19/2026

v130325002

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Certificate of Analysis

Final Report

Client Name:	Froehling & Robertson, Inc. - Richmond VA 3015 Dumbarton Rd. Richmond VA, 23228	Date Issued:	March 20, 2026 10:31
		Project Number:	59E-0077
		Purchase Order:	00001
Submitted To:	Lucas Powell		
Client Site I.D.:	FAST In Ground Bus Lift		

Sample Conditions Checklist

Samples Received at:	**2.10°C**
How were samples received?	Walk In
Were Custody Seals used?	No
Are the custody papers filled out completely and correctly?	Yes
Do all bottle labels agree with custody papers?	Yes
Is the temperature blank or representative sample within acceptable limits or received on ice, and recently taken?	Yes
Are all samples within holding time for requested laboratory tests?	Yes
Is a sufficient amount of sample provided to perform the tests included?	Yes
Are all samples in appropriate containers for the analyses requested?	Yes
Were volatile organic containers received?	No
Are all volatile organic and TOX containers free of headspace?	NA
Is a trip blank provided for each VOC sample set? VOC sample sets include EPA8011, EPA504, EPA8260, EPA624, EPA8015 GRO, EPA8021, EPA524, and RSK-175.	NA
Are all samples received appropriately preserved? Metals (except Hg, B) do not require field preservation, but lab preservation may delay analysis. Field parameters performed by the lab are always received past holding time and will be noted as such.	Yes

March 18, 2026

Mr. Timothy Johnson
Project Manager
City of Fayetteville
433 Hay Street
Fayetteville, North Carolina 28301

Subject: **Site Observation**
Fayetteville Area System of Transit (FAST) In-Ground Bus Lift
455 Grove Street
Fayetteville, North Carolina
F&R Project No. 64E-0003

Dear Mr. Johnson:

This report presents a summary of the Construction Material Testing (CMT) services provided by Froehling & Robertson, Inc. (F&R) at the FAST In-ground Bus Lift project at 455 Grove Street in Fayetteville, North Carolina.

SITE OBSERVATIONS

F&R visited the site on March 10, 2026, to perform the scope of services noted in Proposal 2664-0006. F&R was provided with two locations to perform the coring and observation. F&R cored the two locations using a portable coring rig. The concrete cores were returned to the lab for thickness measurements. The concrete cores have a thickness measurement of 4.25 inches and 6 inches, respectively.

At each core location, F&R attempted to perform a hand auger boring to a depth of 4 feet below the existing bottom of the slab elevation. As the boring is advanced, Dynamic Cone Penetrometer (DCP) testing was performed at intervals of approximately 1-foot to assess the consistency of the subsurface soils. At location 1, F&R encountered auger refusal at 2 feet below the existing bottom of the slab elevation. At location 2, F&R was able to perform the hand auger and DCP to a depth of 4 feet below the existing bottom of slab elevation. Groundwater was not encountered at our test locations. The results of the DCPs and the soil conditions can be found on the attached "Hand Auger & DCP Report"

One soil sample was subject to the environmental testing stated in the proposal. The results of the environmental test for the soil sample obtained will be sent under a separate report.

CLOSURE

We appreciate the opportunity to be of service to you on this project. Please contact us if you have any questions concerning this project.

Sincerely,
FROEHLING & ROBERTSON, INC.

John Wall, P.E.
Branch Manager

A. Craig Mintz
Project Manager

Attachment: Hand Auger & DCP Report

HAND AUGER & DCP REPORT

Project: FAST In-Ground Bus LIft
Client: City of Fayetteville

Date: 3/10/2026
Record No. 64E-0003

DYNAMIC CONE PENETRATION TESTS (ASTM Technical Publication No. 399)

Test No.	Test Depth*	Sample Blows			N_c	Probe Rod Penetration (in)	Visual Classification of Subsurface Conditions
1	-0.5'	1	1	3	2	8 inches	Moist, Brown, Sand with Silt
	-1.0'	6	6	11	8.5		Moist, Brown, Sand with Silt
	-2.0'						AUGER REFUSAL
2	-0.0'	2	1	1	1	10 inches	Moist to Wet, Brown Silty Sand
	-1.0'	6	9	9	9		Moist, Brown, Silty Sand
	-2.0'	7	7	9	8		Moist, Brown, Silty Sand
	-3.0'	7	9	11	10		Moist, Brownish-Orange, Sand
	-4.0'	11	14	14	14		Moist, Brownish-Orange, Sand

F&R Representative(s): Joshua Davis