

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	24.9		1	1.41	2.39	mg/kg	FE057105.D	12/01/25 19:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	2.19	J	1	1.09	4.80	mg/kg	FE057105.D	12/01/25 19:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	27.1			2.50	7.19	mg/kg			
Total EPH	Total EPH	27.1			2.50	7.19	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	2.19	J	1	1.09	4.80	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	24.9		1	1.41	2.39	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.2			40 - 140	40%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.8			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3725-04	Acq On:	01 Dec 2025 19:09
Client Sample ID:	STOCKPILE-SAMPLES	Operator:	YP\AJ
Data file:	FE057105.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	564748	2.815	300	ug/ml
Aliphatic C12-C16	6.826	10.270	809083	3.982	200	ug/ml
Aliphatic C16-C21	10.271	13.644	1354782	6.831	300	ug/ml
Aliphatic C21-C28	13.645	17.313	2733814	13.755	400	ug/ml
Aliphatic C28-C40	17.314	22.242	62451163	312.412	600	ug/ml
Aliphatic EPH	3.201	22.242	67913590	339.796		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	5436730	24.78		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	3359054	20.18		ug/ml
Aliphatic C9-C28	3.201	17.313	5462427	27.383	1200	ug/ml