

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-3DL	SDG No.:	P4663
Lab Sample ID:	P4663-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051024.D	2	11/01/24	11/05/24	PB164589

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	3.77	8.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	80.2		3.94	4.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	17.0		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	17.6		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4663-06DL	Acq On:	05 Nov 2024 10:42
Client Sample ID:	RES-BUILDING-PAD-NO-3DL	Operator:	YP\AJ
Data file:	FE051024.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.760	179748	1.258	300	ug/ml
Aliphatic C12-C16	6.761	10.191	517008	3.563	200	ug/ml
Aliphatic C16-C21	10.192	13.549	633324	4.386	300	ug/ml
Aliphatic C21-C28	13.550	17.205	1394276	9.808	400	ug/ml
Aliphatic C28-C40	17.206	22.048	75969861	549.299	600	ug/ml
Aliphatic EPH	3.140	22.048	78694217	568.314		ug/ml
ortho-Terphenyl (SURR)	11.851	11.851	2766843	17.55		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	2006137	16.96		ug/ml
Aliphatic C9-C28	3.140	17.205	2724356	19.015	1200	ug/ml