



LAB CHRONICLE

OrderID:	Q3238	OrderDate:	9/29/2025 1:34:00 PM
Client:	Yannuzzi Group, Inc.	Project:	Edison Yard
Contact:	Alyssa Yannuzzi	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3238-01	RCA	SOIL			09/18/25			09/29/25
			PCB	8082A		09/30/25	09/30/25	
			TPH GC	8015D		10/01/25	10/01/25	



SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	09/18/25	
Project:	Edison Yard		Date Received:	09/29/25	
Client Sample ID:	RCA		SDG No.:	Q3238	
Lab Sample ID:	Q3238-01		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016501.D	1	10/01/25 10:40	10/01/25 19:52	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	12100		383	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	8.07		37 - 130	40%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: Yannuzzi Group, Inc.

Lab Code: ACE

SDG No.: Q3238

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016492.D	71				0
PIBLK-FF016505.D	68				0
PB169938BL	67				0
PB169938BS	66				0
WASTEMS	62				0
WASTEMSD	59				0
RCA	40				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Yannuzzi Group, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3238</u>
Client Sample ID :	<u>WASTEMS</u>	Datafile:	<u>FF016499.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12658	46600	58393	93%		68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Yannuzzi Group, Inc.

Lab Code: ACE

SDG No: Q3238

Client Sample ID : WASTEMSD

Datafile: FF016500.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12679	46600	58286	92%		68-131

MS/MSD % Recovery RPD : 1.1

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Yannuzzi Group, Inc.

Lab Code: ACE

SDG No: Q3238

Client Sample ID : PB169938BS

Datafile: FF016496.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11330	0	8255	73	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169938BL

Lab Name: Alliance

Contract: YANN01

Lab Code: ACE

SDG NO.: Q3238

Lab File ID: FF016495.D

Lab Sample ID: PB169938BL

Instrument ID: FF

Date Extracted: 10/01/2025

Matrix: (soil/water) Soil

Date Analyzed: 10/01/25

Level: (low/med) low

Time Analyzed: 16:53

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169938BS	PB169938BS	FF016496.D	10/01/25
WASTEMS	Q3216-01MS	FF016499.D	10/01/25
WASTEMSD	Q3216-01MSD	FF016500.D	10/01/25
RCA	Q3238-01	FF016501.D	10/01/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:		
Project:	Edison Yard		Date Received:		
Client Sample ID:	PB169938BL		SDG No.:	Q3238	
Lab Sample ID:	PB169938BL		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016495.D	1	10/01/25 10:40	10/01/25 16:53	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	384	U	384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	13.3		37 - 130	67%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	10/01/25
Project:	Edison Yard	Date Received:	10/01/25
Client Sample ID:	PIBLK-FF016492.D	SDG No.:	Q3238
Lab Sample ID:	I.BLK-FF016492.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016492.D	1		10/01/25	FF100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	14.2		29 - 130	71%	SPK: 20

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	10/01/25
Project:	Edison Yard	Date Received:	10/01/25
Client Sample ID:	PIBLK-FF016505.D	SDG No.:	Q3238
Lab Sample ID:	I.BLK-FF016505.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016505.D	1		10/01/25	FF100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	13.7		29 - 130	68%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:		
Project:	Edison Yard		Date Received:		
Client Sample ID:	PB169938BS		SDG No.:	Q3238	
Lab Sample ID:	PB169938BS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016496.D	1	10/01/25 10:40	10/01/25 17:24	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	8260		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	13.2		37 - 130	66%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	09/25/25	
Project:	Edison Yard		Date Received:	09/25/25	
Client Sample ID:	WASTEMS		SDG No.:	Q3238	
Lab Sample ID:	Q3216-01MS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	89.3	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016499.D	1	10/01/25 10:40	10/01/25 18:53	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	58400		429	3160	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.3		37 - 130	62%	SPK: 20

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B = Analyte Found in Associated Method Blank

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	09/25/25
Project:	Edison Yard	Date Received:	09/25/25
Client Sample ID:	WASTEMSD	SDG No.:	Q3238
Lab Sample ID:	Q3216-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	89.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016500.D	1	10/01/25 10:40	10/01/25 19:23	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	58300		430	3170	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.8		37 - 130	59%	SPK: 20

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CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: YANN01

ProjectID: Edison Yard

Lab Code: ACE

SDG No.: Q3238

Calibration Sequence : FF090525		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
850	137068275	161257	FF016336.D
340	37986080	111724	FF016337.D
170	21402125	125895	FF016338.D
85	11165009	131353	FF016339.D
1700	176262056	103684	FF016340.D
AVG RF : 126783		% RSD : 17.506	AVG RT : 15.071

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: YANN01
ProjectID: Edison Yard
Lab Code: ACE SDG No.: Q3238
DataFile: FF016493.D Analyst Name: YP\AJ Analyst Date: 10-01-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	100251627	117943	126783	6.973

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: YANN01
ProjectID: Edison Yard
Lab Code: ACE SDG No.: Q3238
DataFile: FF016506.D Analyst Name: YP\AJ Analyst Date: 10-01-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	94216394	110843	126783	12.573

Analytical Sequence

Client: Yannuzzi Group, Inc.

SDG No.: Q3238

Project: Edison Yard

Instrument ID: FID_F

GC Column: RXI-1MS **ID:** 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.071					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	01 Oct 2025 15:24	FF016492.D	15.069	
50 PPM TRPH STD	50 PPM TRPH STD	01 Oct 2025 15:54	FF016493.D	15.071	
PB169938BL	PB169938BL	01 Oct 2025 16:53	FF016495.D	15.066	
PB169938BS	PB169938BS	01 Oct 2025 17:24	FF016496.D	15.067	
WASTEMS	Q3216-01MS	01 Oct 2025 18:53	FF016499.D	15.071	
WASTEMSD	Q3216-01MSD	01 Oct 2025 19:23	FF016500.D	15.071	
RCA	Q3238-01	01 Oct 2025 19:52	FF016501.D	15.070	
PIBLK02	LBLK02	01 Oct 2025 21:50	FF016505.D	15.068	
50 PPM TRPH STD	50 PPM TRPH STD	01 Oct 2025 22:20	FF016506.D	15.072	