284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : P.S. 29 QUEENS - 2022SCA425

ATC GROUP SERVICES LLC

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : Q1378

ATTENTION : Olga Seldinas

Laboratory Certification ID # 20012

Table Of Contents for Q1378

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Cover Page

Order ID : Q1378

Project ID : P.S. 29 Queens - 2022SCA425

Client : ATC Group Services LLC

Lab Sample Number	Client Sample Number
Q1378-01	1A-1B-1C 1985-STONE-BAND
Q1378-02	2A-2B-2C 1928 ROOF-1
Q1378-03	3A-3B-3C 1985 BUILD

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:47 am, Feb 26, 2025

Date: 2/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ATC Group Services LLC
Project Name: P.S. 29 Queens - 2022SCA425
Project # N/A
Chemtech Project # Q1378
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 02/17/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for 3A-3B-3C 1985 BUILD [Decachlorobiphenyl(2) - 423%] as per method one surrogate is allowed to failed, therefore no corrective action was taken.

The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
TheContinuous Calibration met the requirements .

E. Additional Comments:

The temperature of the samples at the time of receipt was 10.0 °C.

No MS-MSD performed as sample having CAULK matrix.

Less volume was taken for samples at the extraction due to CAULK matrix.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:47 am, Feb 26, 2025

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1378

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 02/25/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1378 **Order ID:** Q1378

Client: ATC Group Services LLC **Project ID:** P.S. 29 Queens - 2022SCA425

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/17/25
Project:	P.S. 29 Queens - 2022SCA425	Date Received:	02/17/25
Client Sample ID:	1A-1B-1C 1985-STONE-BAND	SDG No.:	Q1378
Lab Sample ID:	Q1378-01	Matrix:	CAULK
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	5.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069815.D	1	02/18/25 08:08	02/18/25 14:32	PB166750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	17.0	85.3	ug/kg
11104-28-2	Aroclor-1221	32.2	U	32.2	85.3	ug/kg
11141-16-5	Aroclor-1232	17.1	U	17.1	85.3	ug/kg
53469-21-9	Aroclor-1242	17.0	U	17.0	85.3	ug/kg
12672-29-6	Aroclor-1248	39.6	U	39.6	85.3	ug/kg
11097-69-1	Aroclor-1254	13.7	U	13.7	85.3	ug/kg
37324-23-5	Aroclor-1262	22.9	U	22.9	85.3	ug/kg
11100-14-4	Aroclor-1268	17.2	U	17.2	85.3	ug/kg
11096-82-5	Aroclor-1260	14.6	U	14.6	85.3	ug/kg
Total PCBs	Total PCBs	39.6	U	39.6	85.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.9		32 - 144	135%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.0		32 - 175	125%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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

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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/17/25
Project:	P.S. 29 Queens - 2022SCA425	Date Received:	02/17/25
Client Sample ID:	2A-2B-2C 1928 ROOF-1	SDG No.:	Q1378
Lab Sample ID:	Q1378-02	Matrix:	CAULK
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.77 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069816.D	1	02/18/25 08:08	02/18/25 14:48	PB166750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	57.5	U	57.5	288	ug/kg
11104-28-2	Aroclor-1221	109	U	109	288	ug/kg
11141-16-5	Aroclor-1232	57.6	U	57.6	288	ug/kg
53469-21-9	Aroclor-1242	57.5	U	57.5	288	ug/kg
12672-29-6	Aroclor-1248	134	U	134	288	ug/kg
11097-69-1	Aroclor-1254	46.3	U	46.3	288	ug/kg
37324-23-5	Aroclor-1262	77.5	U	77.5	288	ug/kg
11100-14-4	Aroclor-1268	58.1	U	58.1	288	ug/kg
11096-82-5	Aroclor-1260	49.3	U	49.3	288	ug/kg
Total PCBs	Total PCBs	134	U	134	288	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.2		32 - 144	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.3		32 - 175	131%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/17/25
Project:	P.S. 29 Queens - 2022SCA425	Date Received:	02/17/25
Client Sample ID:	3A-3B-3C 1985 BUILD	SDG No.:	Q1378
Lab Sample ID:	Q1378-03	Matrix:	CAULK
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.61 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069836.D	1	02/18/25 08:08	02/19/25 11:33	PB166750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	63.2	U	63.2	317	ug/kg
11104-28-2	Aroclor-1221	119	U	119	317	ug/kg
11141-16-5	Aroclor-1232	63.4	U	63.4	317	ug/kg
53469-21-9	Aroclor-1242	63.2	U	63.2	317	ug/kg
12672-29-6	Aroclor-1248	147	U	147	317	ug/kg
11097-69-1	Aroclor-1254	50.9	U	50.9	317	ug/kg
37324-23-5	Aroclor-1262	85.2	U	85.2	317	ug/kg
11100-14-4	Aroclor-1268	63.9	U	63.9	317	ug/kg
11096-82-5	Aroclor-1260	54.2	U	54.2	317	ug/kg
Total PCBs	Total PCBs	147	U	147	317	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.3		32 - 144	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	84.5	*	32 - 175	423%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1378	**OrderDate:**	2/17/2025 1:37:00 PM
Client:	ATC Group Services LLC	**Project:**	P.S. 29 Queens - 2022SCA425
Contact:	Olga Seldinas	**Location:**	D11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1378-01	**1A-1B-1C 1985-STONE-BAND**	**CAULK**			**02/17/25**			**02/17/25**
			PCB Group1	8082A		02/18/25	02/18/25	
Q1378-02	**2A-2B-2C 1928 ROOF-1**	**CAULK**			**02/17/25**			**02/17/25**
			PCB Group1	8082A		02/18/25	02/18/25	
Q1378-03	**3A-3B-3C 1985 BUILD**	**CAULK**			**02/17/25**			**02/17/25**
			PCB Group1	8082A		02/18/25	02/19/25	

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number	Q1378
COC Number	

CLIENT INFORMATION

Report to be sent to:

- COMPANY: ATC Group Services
- ADDRESS: 104 E 25th Street
- CITY: NY STATE: NY ZIP: 10010
- ATTENTION: Olga Seletinas
- PHONE: 646-812-8352 FAX:

PROJECT INFORMATION

- PROJECT NAME: PS 29 Queens
- PROJECT #: 2022SCA425 LOCATION:
- PROJECT MANAGER: Olga Seletinas
- E-MAIL: Olga.Seletinas@oneatlas.com
- PHONE: 646-812-8352 FAX:

BILLING INFORMATION

- BILL TO: PO#
- ADDRESS:
- CITY: STATE: ZIP:
- ATTENTION:
- PHONE:

DATA TURNAROUND INFORMATION

- FAX (RUSH) 5 days DAYS*
- HARDCOPY (DATA PACKAGE): ______ DAYS*
- EDD: ______ DAYS*
- *TO BE APPROVED BY CHEMTECH
- STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other ______

ANALYSIS

1. TOTAL PCB
2. TOTAL PCB
3. TOTAL PCB
4.
5.
6.
7.
8.
9.

PRESERVATIVES / **COMMENTS**

<— Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1. 1A1B1C	1985 Bldg. Stone band caulk - Lighter grey	caulk.	✓		2/7/25	10:00											
2. 2A2B2C	1928 Roof #1 Bulkhead wall caulk L.gray	caulk	✓		2/7/25	10:30											
3. 3A3B3C	1985 Build. dark grey window sill caulk	caulk	✓		2/7/25	11:00											
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Olga Seletinas	2/14/25 PM	1. [signature]
RELINQUISHED BY 2.	DATE/TIME 2-17-25 1330	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 0°C

Comments: [signature] #1

Page ______ of ______

CLIENT: ☐ Hand Delivered ☐ Other: ______
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

10/2021

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

Alliance Technical Group, LLC - Newark 284 Sheffield Street Mountainside, NJ 07092

Laboratory Composite Sample log

Lab Project number: Q1378- Date: 2-17-25

Client Name: ATC Group Services LLC Client Project Name : P.S. 29 Queens-2022SCA425

Instructions: Composite Samples (3:1)

Sample Custodian: C. Peña

Client Sample ID	Weigh /Volume used	New ID	Sample Description	Sample Composite time	Comments
1985-1A-Stone-Band	2.02g	1A-1B-1C Stone-Band 1985-	Caulk Matrix	14:25	Total weight (6.06g + 1.47g CP) QR
1985-1B-Stone-Band	2.03g				
1985-1C-Stone-Band	2.01g				
1928-2A-ROOF-1	0.62g	2A-2B-2C 1928-ROOF-1	Caulk Matrix	14:28	Total weight (1.87g)
1928-2B-ROOF-1	0.64g				
1928-2C-ROOF-1	0.61g				
1985-3A-Build	0.57g	1985-3A-3B-3C-Build	Caulk Matrix	14:33	Total weight (1.64g)
1985-3B-Build	0.54g				
1985-3C-Build	0.53g				

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488