

## **DATA PACKAGE**

GC SEMI-VOLATILES

**PROJECT NAME : I.S. 303K**

**ATC GROUP SERVICES LLC**

**104 East 25th Street**

**New York, NY - 10010**

**Phone No: 212-353-8280**

**ORDER ID : P4606**

**ATTENTION : Olga Seldinas**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** P4606

**Project ID :** I.S. 303K

**Client :** ATC Group Services LLC

**Lab Sample Number**

P4606-01

**Client Sample Number**

1

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 :

N. N. Pandya

**APPROVED**

Date: 11/12/2024

By Nimisha Pandya, QA/QC Supervisor at 9:09 am, Nov 12, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**ATC Group Services LLC**

**Project Name: I.S. 303K**

**Project # N/A**

**Chemtech Project # P4606**

**Test Name: PCB Group1**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 10/29/2024.

### **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\_O. 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 1 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], 1DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0% and Tetrachloro-m-xylene(2) - 0%] Surrogates were diluted out due to the high dilution. No further 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 .

The Continuous Calibration met the requirements .

Sample 1 was initially analyzed undiluted but The sample was unquantifiable due to a very high concentration of Aroclor. Based on this initial analysis sample reanalyzed with 2000x dilution.

Sample 1 was diluted due to high concentration.

### **E. Additional Comments:**

The temperature of the samples at the time of receipt was 20.5°C.

sample received as Caulk matrix, therefore less volume was taken at the time of extraction.

No MSMSD performed as sample was caulk matrix.

**F. Manual Integration Comments:**

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

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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 N. N. Pandya

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 9:10 am, Nov 12, 2024

## 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 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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: P4606

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 Custody

✓

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: 11/12/2024

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** P4606

**Order ID:** P4606

**Client:** ATC Group Services LLC

**Project ID:** I.S. 303K

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 1								
P4606-01	1	CAULK	Aroclor-1254	4300000		72000	450000	ug/kg
P4606-01	1	CAULK	Aroclor-1268	15000000	E	91000	450000	ug/kg
Total Concentration:				1,93,00,000				
Client ID : 1DL								
P4606-01DL	1DL	CAULK	Aroclor-1254	4500000	D	140000	900000	ug/kg
P4606-01DL	1DL	CAULK	Aroclor-1268	15000000	D	180000	900000	ug/kg
Total Concentration:				1,95,00,000				





# SAMPLE DATA

## Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	10/29/24	
Project:	I.S. 303K		Date Received:	10/29/24	
Client Sample ID:	1		SDG No.:	P4606	
Lab Sample ID:	P4606-01		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	2.27	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
PO107627.D	2000	11/01/24 09:11	11/04/24 10:29	PB164591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	90000	U	90000	450000	ug/kg
11104-28-2	Aroclor-1221	170000	U	170000	450000	ug/kg
11141-16-5	Aroclor-1232	90000	U	90000	450000	ug/kg
53469-21-9	Aroclor-1242	90000	U	90000	450000	ug/kg
12672-29-6	Aroclor-1248	210000	U	210000	450000	ug/kg
11097-69-1	Aroclor-1254	4300000		72000	450000	ug/kg
37324-23-5	Aroclor-1262	120000	U	120000	450000	ug/kg
11100-14-4	Aroclor-1268	15000000	E	91000	450000	ug/kg
11096-82-5	Aroclor-1260	77000	U	77000	450000	ug/kg
Total PCBs	Total PCBs	19000000		163000	450000	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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 &gt;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

## Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	10/29/24	
Project:	I.S. 303K		Date Received:	10/29/24	
Client Sample ID:	1DL		SDG No.:	P4606	
Lab Sample ID:	P4606-01DL		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	2.27	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
PO107628.D	4000	11/01/24 09:11	11/04/24 10:46	PB164591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	180000	UD	180000	900000	ug/kg
11104-28-2	Aroclor-1221	340000	UD	340000	900000	ug/kg
11141-16-5	Aroclor-1232	180000	UD	180000	900000	ug/kg
53469-21-9	Aroclor-1242	180000	UD	180000	900000	ug/kg
12672-29-6	Aroclor-1248	420000	UD	420000	900000	ug/kg
11097-69-1	Aroclor-1254	4500000	D	140000	900000	ug/kg
37324-23-5	Aroclor-1262	240000	UD	240000	900000	ug/kg
11100-14-4	Aroclor-1268	15000000	D	180000	900000	ug/kg
11096-82-5	Aroclor-1260	150000	UD	150000	900000	ug/kg
Total PCBs	Total PCBs	19000000	D	320000	900000	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	P4606	OrderDate:	10/29/2024 11:03:00 AM
Client:	ATC Group Services LLC	Project:	I.S. 303K
Contact:	Olga Seldinas	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4606-01	1	CAULK	PCB Group1	8082A	10/29/24	11/01/24	11/04/24	10/29/24
P4606-01DL	1DL	CAULK	PCB Group1	8082A	10/29/24	11/01/24	11/04/24	10/29/24



# SHIPPING DOCUMENTS



## CHAIN OF CUSTODY RECORD

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

Chemtech Project Number	P4606
COC Number	

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION											
Report to be sent to: COMPANY: <u>ATC Group Services</u>			PROJECT NAME: <u>TJ 303-Brooklyn</u>			BILL TO: _____ PO# _____											
ADDRESS: <u>104 E 25th Street, NY NY</u>			PROJECT #: <u>2022PCA380</u> LOCATION: <u>Brooklyn</u>			ADDRESS: _____											
CITY: <u>NEW YORK</u> STATE: <u>NY</u> ZIP: <u>10010</u>			PROJECT MANAGER: <u>Olga Seldinas</u>			CITY: _____ STATE: _____ ZIP: _____											
ATTENTION: <u>Olga Seldinas@oneathas.com</u>			E-MAIL: <u>olga.seldinas@oneathas.com</u>			ATTENTION: _____											
PHONE: <u>912-284-0619</u>			PHONE: <u>212-884-0619</u> FAX: _____			PHONE: _____											
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS											
FAX (RUSH) <u>30 days / three</u> DAYS*			<input type="checkbox"/> Level 1 (Results Only) <input type="checkbox"/> Level 4 (QC + Full Raw Data)			<div>TOTAL PCU</div> <table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table>			1	2	3	4	5	6	7	8	9
1	2	3	4	5	6				7	8	9						
HARDCOPY (DATA PACKAGE): _____ DAYS*			<input type="checkbox"/> Level 2 (Results + QC) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP														
EDD: _____ DAYS*			<input type="checkbox"/> Level 3 (Results + QC + Raw Data) <input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B														
*TO BE APPROVED BY CHEMTECH			<input type="checkbox"/> EDD FORMAT _____ <input type="checkbox"/> Other _____														
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																	
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION				PRESERVATIVES		COMMENTS						
			COMP	GRAB	DATE	TIME	# of Bottles										
1.	<u>1469 Bldg 1st floor 6028</u>	<u>concrete</u>	<input checked="" type="checkbox"/>		<u>10/26/24</u>	<u>7:15 PM</u>											
2.	<u>6th floor hallway entry</u>																
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or collars at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>90.5</u>														
1. <u>OLGA SELDINAS</u>	<u>10/28/24</u>	1. _____	Comments: _____														
RELINQUISHED BY	DATE/TIME	RECEIVED BY															
2. _____	<u>10-29-24</u>	2. _____															
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY															
3. _____		3. _____															
Page _____ of _____			CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other: _____			Shipment Complete											
			CHEMTECH: <input type="checkbox"/> Picked Up			<input type="checkbox"/> YES <input type="checkbox"/> NO											

10/2021

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

## CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

### Laboratory Composite Sample log

Chemtech Project number:

Date: 10-29-24

Client Name: ATC Group

Client Project Name : I.S. 303K

Instructions: Composite sample (3:1)

Sample Custodian: C. Co.

[illegible]

**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