

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : CASTLETON ELEMENTARY

CHA COMPANIES, INC.

III Winners Circle

P.O. Box 5269

Albany, NY - 12205-0269

Phone No: 518-453-4500

ORDER ID : Q3284

ATTENTION : Henry Uhlig



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3284

Project ID : Castleton Elementary

Client : CHA Companies, Inc.

Lab Sample Number

Q3284-01

Client Sample Number

100225H401-P

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 : _____

Date: 10/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

CHA Companies, Inc.

Project Name: Castleton Elementary

Project # N/A

Order ID # Q3284

Test Name: PCB

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/03/2025.

B. Parameters

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

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 PCBs 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 were met for all analysis.

The Retention Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PP075684.D met the requirements except for Aroclor-1016(Peak-02),Aroclor-1260(Peak-04) is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

E. Additional Comments:

The temperature of the samples at the time of receipt was 18.3°C.

The time of sampling were not listed in the COC.

Less volume was taken at the time of extraction due to caulk matrix of the samples. No MSMSD performed as samples are caulk matrix.

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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



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

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Signature_____

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 #: Q3284

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: 10/13/2025

Hit Summary Sheet

SW-846

SDG No.: Q3284

Order ID: Q3284

Client: CHA Companies, Inc.

Project ID: **Castleton Elementary**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	10/02/25	
Project:	Castleton Elementary		Date Received:	10/03/25	
Client Sample ID:	100225H401-P		SDG No.:	Q3284	
Lab Sample ID:	Q3284-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	0.86	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075693.D	1	10/09/25 08:40	10/09/25 23:05	PB170035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	138	U	138	593	ug/kg
11104-28-2	Aroclor-1221	141	U	141	593	ug/kg
11141-16-5	Aroclor-1232	130	U	130	593	ug/kg
53469-21-9	Aroclor-1242	140	U	140	593	ug/kg
12672-29-6	Aroclor-1248	207	U	207	593	ug/kg
11097-69-1	Aroclor-1254	112	U	112	593	ug/kg
37324-23-5	Aroclor-1262	175	U	175	593	ug/kg
11100-14-4	Aroclor-1268	126	U	126	593	ug/kg
11096-82-5	Aroclor-1260	113	U	113	593	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 175	109%	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

LAB CHRONICLE

OrderID:	Q3284	OrderDate:	10/3/2025 2:37:27 PM
Client:	CHA Companies, Inc.	Project:	Castleton Elementary
Contact:	Henry Uhlig	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3284-01	100225H401-P	SOIL	PCB	8082A	10/02/25	10/09/25	10/09/25	10/03/25



SHIPPING DOCUMENTS

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312