

Report By:

National TAB  
1329 E. KEMPER ROAD  
SUITE 4210  
CINCINNATI, OH 45246



Report: TAB REPORT  
Function: Test, Adjust, & Balance  
Date: 05/07/2024

# PROJECT

## 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

1044 WISCONSIN AVE NW

WASHINGTON, DC 20007

Client

Sweetgreen

# National TAB

Project: 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

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### AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
AHU-1			780	0	#VALUE!		-	#DIV/0!	#####						
AHU-2			0	0	0		0	#DIV/0!	#DIV/0!						
AHU-3			410	0	410		0	#DIV/0!	0.0%						
EF-1															265
<b>TOTALS</b>		0	1190	0	#VALUE!	0	0			0	0	0	0	0	265

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	0	0
TOTAL EXHAUST	0	265
<b>NET AIRFLOW</b>	<b>0</b>	<b>-265</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0009
SIDE	-
REAR	-
<b>AVERAGE</b>	<b>-0.0009</b>

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✗

---

- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

---

- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:

AHU-1 OA intake connection was not secured.

## Issue List

- AHU-1(above BOH): Water leaking from unit
- AHU-1: Air leakage around the coil compartment
- AHU-1:OA is not connected to intake
- AHU-2(Above the restrooms): Was not in operation
- AHU-3(above the cooler): Coil compartment panel is not secured
- Office thermostat button is not functional
- Oven: Exhaust Flex connection is not laying on oven

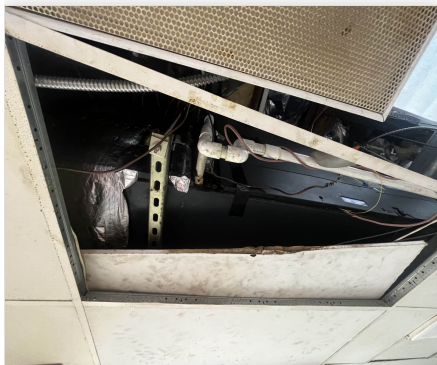


**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**Project Issue Information**

**Issue Name :** AHU-1(above BOH): Water leaking from unit  
**Description :** There was some water leaking from the unit around the condensate trap. Recommend having condensate gaps sealed.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** High                                      **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



F90A6439\_25FA\_4BAD\_B3..  
05/07/2024



05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

**Project Issue Information**

**Issue Name :** AHU-1: Air leakage around the coil compartment  
**Description :** There is air leakage around the coil compartment that is dumping a good amount of airflow above the ceiling. Recommend having all compartment panels properly sealed.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 05/06/2024 - David Annan - National TAB

Project Issue File Details



E1B8D045\_7BEA\_40C6\_9F..  
05/06/2024



**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**Project Issue Information**

**Issue Name :** AHU-1:OA is not connected to intake  
**Description :** The OA DUCT for AHU-1 is not connected to the intake.Recommend having the duct reconnected.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** **Urgent**                                      **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



46209B6A\_9C2A\_4389\_A4..  
05/07/2024

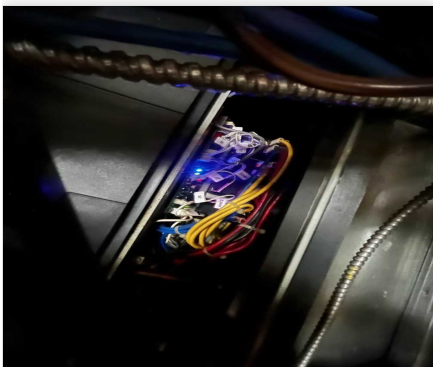


05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

**Project Issue Information**

**Issue Name :** AHU-2(Above the restrooms): Was not in operation  
**Description :** AHU-2 which serves the second floor dining and office was found to not be in operation despite receiving high voltage power. Recommend having unit serviced.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



347E5C04\_A7E3\_4B03\_98..  
05/07/2024



16315BC1\_0660\_404B\_B1..  
05/07/2024



**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**Project Issue Information**

**Issue Name :** AHU-3(above the cooler): Coil compartment panel is not secured  
**Description :** The coil compartment panel is not secured properly. Resulting into majority of the airflow leaking above the cooler. Recommend having coil compartment properly secured.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



D5E968E0\_19C5\_4DE2\_92..  
05/07/2024



05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

Project Issue Information

**Issue Name :** Office thermostat button is not functional  
**Description :** The office thermostat, which controls AHU-2, heating and cooling button was not working and thermostat was stuck on heating mode. Recommend having stat replaced.  
**Created By :** National TAB                      **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



6735D1CE\_06FA\_447D\_B2..  
05/07/2024

**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**Project Issue Information**

**Issue Name :** Oven: Exhaust Flex connection is not laying on oven  
**Description :** The exhaust flex connection is laying on top of the oven and is not connected to anything.  
**Created By :** National TAB **Assigned To :** National TAB - David Annan  
**Status :** Open  
**Priority :** Urgent **Asset Tag :**  
**Originated Date :** 05/07/2024 - David Annan - National TAB

Project Issue File Details



846784B1\_03C5\_4E19\_BC..  
05/07/2024



00D0F645\_2D50\_4127\_81..  
05/07/2024

## CheckList List

- SITE PICTURES
- TECH - STEP 1: INITIAL READINGS
- TECH - STEP 2: INITIAL WALKTHROUGH
- TECH - STEP 3: UNIT DATA AND EVAL
- TECH - STEP 4: TEST, ADJUST AND BALANCE
- TECH - STEP 5: FINAL TESTS



## 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

### CheckList Information

**Name :** SITE PICTURES **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 05/06/2024 - Brianna Biggs - National TAB

**Completed Date :** 05/07/2024 - David Annan - National TAB

### CheckList Item Details

STORE FRONT

**Comment:**



1FDBC4CF\_2841\_4868\_AC..  
05/07/2024

AHU-1

**Comment:**

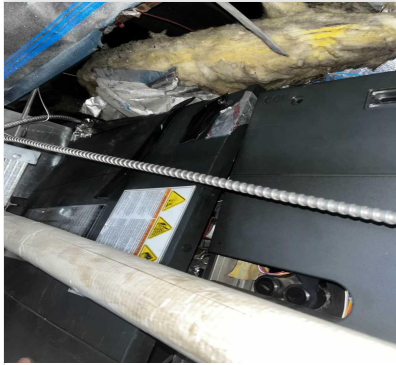


66A01172\_4350\_4838\_A2..  
05/07/2024

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AHU-2

**Comment:**



5E55370A\_B41E\_4EDB\_B2..  
05/07/2024

---

AHU-3

**Comment:**



**B8C1A53B\_97F5\_470D\_8D..  
05/07/2024**

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EF-1

**Comment:**



**80D142D7\_EC8F\_40AF\_A9..  
05/07/2024**



## 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

### CheckList Information

**Name :** TECH - STEP 1: INITIAL READINGS **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 05/06/2024 - Brianna Biggs - National TAB

### CheckList Item Details

#### INITIAL BUILDING REVIEW:

What is the initial building pressure before making any changes?

**Comment:**

Front Door: -0.0009" W.C

Are thermostats programmed?

Yes

**Comment:**

Are building pressure relief working properly?

**Comment:**

There is no building pressure relief

#### INITIAL AIRFLOWS:

SUPPLY AHU-1

**Comment:**

780 CFM through diffusers 1001 CFM read from the return

OA AHU-1

**Comment:**

Unable to measure due to OA duct not being fully connected to the fresh air intake.

SUPPLY AHU-2

**Comment:**

0 CFM

---

OA AHU-2

---

**Comment:**

0 CFM, unit does not have OA intake

---

SUPPLY AHU-3

---

**Comment:**

410 CFM read at the diffusers 1617 CFM read at the return

---

OA AHU-3

---

**Comment:**

0 CFM, unit does not have OA intake

---

EF-1

---

**Comment:**

---



## 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

### CheckList Information

**Name :** TECH - STEP 2: INITIAL WALKTHROUGH **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 05/06/2024 - Brianna Biggs - National TAB

**Completed Date :** 05/06/2024 - David Annan - National TAB

### CheckList Item Details

#### INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?

**Comment:**

Did not have plans to confirm designs

All hood filters installed and accounted for?

N/A

**Comment:**

Hoods are wired and have power?

N/A

**Comment:**

Hood is free of alarms?

N/A

**Comment:**

Thermostats have power?

Yes

**Comment:**

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

**Comment:**

N/A



## 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE

### CheckList Information

**Name :** TECH - STEP 3: UNIT DATA AND EVAL **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 05/06/2024 - Brianna Biggs - National TAB  
**Completed Date :** 05/06/2024 - David Annan - National TAB

### CheckList Item Details

#### UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

##### RTU's/AHU's

Economizers are assembled and functional?

##### Comment:

AHU-1 actuator was not functional

DCV Max damper opening position is set to minimum?

N/A

##### Comment:

Free cooling enthalpy set point set for lowest setting (Typically "D")

N/A

##### Comment:

Motors are all operating below the FLA rating?

Yes

##### Comment:

Are belts tight?

##### Comment:

N/A

If direct drive unit is the speed controller working.

**Comment:**

Direct drive units do not have a speed controller

Is gas piping installed and valves turned on?

N/A

**Comment:**

Site used electric heat

Unit free of noticeable noise and vibration

Yes

**Comment:**

**EF's**

Rotation is correct?

Yes

**Comment:**

Belts are tight?

**Comment:**

N/A

Grease cup installed on hood fan?

N/A

**Comment:**

Hinge kit installed installed on hood fan?

N/A

**Comment:**

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?

N/A

**Comment:**

Flex conduit is long enough so that fan can be completely tilted back?

N/A

**Comment:**

There is no major leakage around base of fan?

Yes

**Comment:**

Is the motor operating below the motor FLA rating?

Yes

**Comment:**

For restroom fan(s) is the back draft damper installed and can it fully open?

**Comment:**

There is no back draft damper for EF-1

Unit free of noticeable noise and vibration?

Yes

**Comment:**

**MUA**

Rotation is correct?

N/A

**Comment:**

Gas piping is installed and valves are in on position?

N/A

**Comment:**

Heater tested and is functional?

N/A

**Comment:**

Internal motorized damper is fully opening?

N/A

**Comment:**

Motor is operating below the FLA rating?

N/A

**Comment:**

Unit free of noticeable noise and vibration?

N/A

**Comment:**

**HOODS**

Kitchen equipment installed in proper places?

Yes

**Comment:**

Can kitchen equipment be turned on for final smoke test?

N/A

**Comment:**

---

**DOCUMENTATION**

---

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

N/A

**Comment:**

---



**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**CheckList Information**

**Name :** TECH - STEP 4: TEST, ADJUST AND BALANCE      **Status :** Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 05/06/2024 - Brianna Biggs - National TAB  
**Completed Date :** 05/06/2024 - David Annan - National TAB

**CheckList Item Details**

**TEST, ADJUST, AND BALANCE ALL EQUIPMENT:**

**DURING TESTING MAKE NOTE OF THE FOLLOWING:**

Is space free of drafting?

**Comment:**

Unable to determine without proper airflow in the space

Is space comfortable in all areas?

No

**Comment:**

Space was very warm in the morning and uncomfortable

Is the space free of ventilation noise?

Yes

**Comment:**

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

**Comment:**

NA



**05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN) REVIVE**

**CheckList Information**

**Name :** TECH - STEP 5: FINAL TESTS **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 05/06/2024 - Brianna Biggs - National TAB  
**Completed Date :** 05/07/2024 - David Annan - National TAB

**CheckList Item Details**

**FINAL TESTS**

**HOOD CAPTURE TEST**

List equipment turned on for testing

**Comment:**

N/A

List smoke candle type used

**Comment:**

N/A

Smoke test capture - Perimeter of hood

**Comment:**

N/A

Smoke test capture - Top of cooking surface

**Comment:**

N/A

**WITNESS**

Date test was completed

**Comment:**

N/A

TAB tech name / Firm

**Comment:**

N/A

Site super name / Firm

**Comment:**

N/A

Owner representative name / Firm (if Applicable)

**Comment:**

N/A

Building pressure at front & back doors (All Systems On)

**Comment:**

Front: -0.0009"

**ADDITIONAL**

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

**Comment:**

Unable to confirm design but building pressure is almost neutral

Thermostats are programmed?

Yes

**Comment:**



# National TAB

Project: 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN)  
REVIVE

## System/Unit: AHU/RTU

Asset: AHU1

AREA:

Unit Data		
	Design	Actual
MFG	NA	Trane
Serial Num	-	16493U3JAV
Model Num	NA	TAM7A0C48H41EAA
Type	-	AHU
Configuration	-	Horizontal
Num Final Filter 1	-	1
Final Filter Size 1	-	24X24X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	0.75
Motor Rpm	-	NA
Phase	-	1
Rated Voltage	-	200-230
Rated Amperage	-	4.2

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	DD
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Test Data		
	Design	Actual
SF CFM	-	780
SF RPM	-	NA
RA CFM	-	1001
OA CFM	-	-
RL Voltage	-	208
SF Rotation	-	CW
RA Damper Position	-	NA
Min OA Damper Position	-	NA
Min OA Damper Type	-	Motorized damper

General		
	Design	Actual
Fan Rotation Correct	-	Yes
Unit Filters Clean	-	Yes
Condensate Drain Installed	-	Yes

Completed By: David Annan on 05/06/2024

### Notes:

Coil compartment was not completely sealed. Air was leaking into the ceiling. Condensate leaks on ceiling tile.

EAT: 77 DEG F

LAT: 57 DEG F

Written By: David Annan on 05/07/2024



# National TAB

Project: 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN)  
REVIVE

## System/Unit: AHU/RTU

Asset: AHU2

AREA:

Unit Data		
	Design	Actual
MFG	NA	Trane
Serial Num	-	NA
Model Num	NA	NA
Type	-	AHU
Configuration	-	Horizontal
Num Final Filter 1	-	NA
Final Filter Size 1	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	0.75
Motor Rpm	-	NA
Phase	-	1
Rated Voltage	-	200-230
Rated Amperage	-	4.2

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	DD
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Test Data		
	Design	Actual
SF CFM	-	0
SF RPM	-	NA
RA CFM	-	0
RL Voltage	-	207
RL Amperage	-	0
SF Rotation	-	CW

General		
	Design	Actual
Fan Rotation Correct	-	Yes
Unit Filters Clean	-	NA
Condensate Drain Installed	-	Yes

Completed By: David Annan on 05/06/2024



# National TAB

Project: 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN)  
REVIVE

## System/Unit: AHU/RTU

Asset: AHU3

AREA:

Unit Data		
	Design	Actual
MFG	NA	Trane
Serial Num	-	16114J68AV
Model Num	NA	TAM7A0C48H41EAA
Type	-	AHU
Configuration	-	Horizontal
Num Final Filter 1	-	NA
Final Filter Size 1	-	NA

Test Data		
	Design	Actual
SF CFM	-	410
SF RPM	-	NA
RA CFM	-	1617
RL Voltage	-	207
SF Rotation	-	CW

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	0.75
Motor Rpm	-	N/L
Phase	-	1
Rated Voltage	-	200-230
Rated Amperage	-	4.2

General		
	Design	Actual
Fan Rotation Correct	-	Yes
Unit Filters Clean	-	NA
Condensate Drain Installed	-	Yes

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	DD
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Completed By: David Annan on 05/06/2024

Notes:

Coil compartment was completely off. Was unable to reach and fully try secure the panel to prevent airflow.

EAT: 76 DEG F

LAT: 55 DEG F

Written By: David Annan on 05/07/2024



# National TAB

Project: 05-06-24 SWEETGREEN WASHINGTON, DC (GEORGETOWN)  
REVIVE

## System/Unit: FAN - Exhaust

Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	SDB08HM1AS
Serial Num	-	SN915279-6
Type	-	Downblast
Configuration	-	Vertical

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	0.04
Motor Rpm	-	1050
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	N/L
Service Factor	-	N/L

Test Data		
	Design	Actual
CFM	-	265
Fan RPM	-	1050
Fan Rotation	-	CCW
Motor RPM	-	1050
System SetPt	-	High Speed
RL Voltage	-	120
RL Amperage	-	0.3

Completed By: David Annan on 05/06/2024