APPENDIX A

Boring Logs

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-01** PAGE 1 OF 1

Stantec

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 5YR 3/3 dark reddish brown; moist; no staining; no odor		1237 B-01-1			0.1		Hydrated Bentonite #8
5					1252 B-01-5			0.0	5	Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-02** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP-SM	**POORLY GRADED SAND WITH SILT AND GRAVEL** ; SP-SM; 5YR 3/3 dark reddish brown; moist; no staining; no odor		1205 B-02-1			0.6		Hydrated Bentonite #8
5			Same as above, no gravel		1215 B-02-5			1.7	5	Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-03** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **10.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							Cold Patch Asphalt
		SW	**WELL GRADED SAND WITH GRAVEL** ; SW; 10YR 3/3 dark brown; moist; no staining; no odor		--			1.9		Hydrated Bentonite #8
					--			4.7		
		SP	**POORLY GRADED SAND** ; SP; 5YR 3/3 dark reddish brown; moist; no staining; no odor							Dry Bentonite #8
5					1102 B-03-5			0.2	5	#3 Sand Filter Pack
										Soil Vapor Point
										#3 Sand Filter Pack
			Same as above							1/4" Nylaflow Tubing
										Dry Bentonite #8
10					1110 B-03-10			0.5	10	#3 Sand Filter Pack
										Soil Vapor Point
			Hole terminated at 10.5 feet.							#3 Sand Filter Pack
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-04** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **10.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)
			6" asphalt						
		SP	**POORLY GRADED SAND** ; SP; 5YR 3/3 dark reddish brown; moist; no staining; no odor		--			0.1	
5					1135 B-04-5			0.4	5
			Same as above						
10					1145 B-04-10			1.7	10
			Hole terminated at 10.5 feet.						
15									15
20									20

Borehole Backfill: Cold Patch Asphalt; Hydrated Bentonite #8; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack; 1/4" Nylaflow Tubing; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-05** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **10.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 7.5YR 5/6 brown; dry; no staining; no odor		--			0.0		Cold Patch Asphalt; Hydrated Bentonite #8; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack; 1/4" Nylaflow Tubing; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
5			Same as above; moist		1355 B-05-5			0.0	5	
10			Hole terminated at 10.5 feet.		1415 B-05-10			0.0	10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-06** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **10.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 7.5YR 5/6 brown; dry; no staining; no odor		--			0.0		Cold Patch Asphalt; Hydrated Bentonite #8; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack; 1/4" Nylaflow Tubing; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
5			Same as above; moist		1330 B-06-5			6.7	5	
10			Hole terminated at 10.5 feet.		1335 B-06-10			0.1	10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-07** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND WITH GRAVEL** ; SP; 5 YR 3/4 dark reddish brown; moist; no odor; some black staining from asphaltic material through 2.5'		--			0.0		
5					--			0.0	5	
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

Hydrated Bentonite #8
Dry Bentonite #8
#3 Sand Filter Pack
Soil Vapor Point
#3 Sand Filter Pack

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-08** PAGE 1 OF 1

Stantec

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND WITH GRAVEL** ; SP; 5 YR 3/4 dark reddish brown; moist; no odor; some black staining from asphaltic material through 2.5'		--			0.0		Hydrated Bentonite #8
			Same as above; moist; no staining; no odor							Dry Bentonite #8
			3" of sandstone							#3 Sand Filter Pack
5					--			0.0	5	Soil Vapor Point
			Hole terminated at 5.5 feet.							#3 Sand Filter Pack
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-09** PAGE 1 OF 1

Stantec

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
0			Grass and topsoil from the planter bed						0	
		SW-SM	**WELL GRADED SAND WITH SILT** ; SW-SM; 10YR 6/4 light grayish brown; moist; no staining; no odor		--			0.0		
		SP	**POORLY GRADED SAND** ; SP; 5 YR 3/4 dark reddish brown; wet; no staining; no odor							
5					--			0.0	5	Hydrated Bentonite #8; Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-10** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND WITH GRAVEL** ; SP; 5 YR 3/4 dark reddish brown; moist; no staining; no odor		--			0.1		
5			Same as above; loose sand		--			0.2	5	
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

Hydrated Bentonite #8
Dry Bentonite #8
#3 Sand Filter Pack
Soil Vapor Point
#3 Sand Filter Pack

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-11** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND WITH GRAVEL** ; SP; 5 YR 3/4 dark reddish brown; moist; no staining; no odor		--			0.2		
5			Same as above; slightly wet		--			0.1	5	
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

Hydrated Bentonite #8
Dry Bentonite #8
#3 Sand Filter Pack
Soil Vapor Point
#3 Sand Filter Pack

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-12** PAGE 1 OF 1

Stantec

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SW	**WELL GRADED SAND WITH GRAVEL** ; SW; 5YR 2.5/1 black; 4" of asphaltic aggregate; asphaltic odor; no staining; moist		--			0.0		
		SP	**POORLY GRADED SAND** ; SP; 5YR; wet; no staining; no odor							
5					--			0.0	5	
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

Hydrated Bentonite #8
Dry Bentonite #8
#3 Sand Filter Pack
Soil Vapor Point
#3 Sand Filter Pack

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-13** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND** ; SP; 5YR 3/3 dark reddish brown; moist; no staining; no odor		--			0.0		Hydrated Bentonite #8
5			Same as above; color change to 5YR 3/4; dark reddish brown		--			0.1	5	Dry Bentonite #8 #3 Sand Filter Pack Soil Vapor Point #3 Sand Filter Pack
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

PROJECT: **Toll Brothers Apartment Living**
LOCATION: **235 South Tremont St., Oceanside, CA**
PROJECT NUMBER: **2014217900**
DRILLING: STARTED **7/20/21** COMPLETED: **7/20/21**
INSTALLATION: STARTED **7/20/21** COMPLETED: **7/20/21**
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Geoprobe 7822**
DRILLING METHOD: **DPT**
SAMPLING EQUIPMENT: **Acetate Sleeve**

WELL / TEST PIT / BOREHOLE NO: **B-14** PAGE 1 OF 1
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **5.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIA (in): **---** BOREHOLE DIA (in): **4**
LOGGED BY: **DH** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Geotechnical Lab Testing	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" asphalt							
		SP	**POORLY GRADED SAND** ; SP; 5YR 3/4 dark reddish brown; moist; no staining; no odor		--			0.0		Hydrated Bentonite #8
5					--			0.1	5	Dry Bentonite #8; #3 Sand Filter Pack; Soil Vapor Point; #3 Sand Filter Pack
			Hole terminated at 5.5 feet.							
10									10	
15									15	
20									20	

GEO FORM 304 BORING_LOGS.GPJ SECOR INTL.GDT 8/6/21

APPENDIX B

Laboratory Data Sheets

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
951-779-0310 FAX 951-779-0344
www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 07/28/2021 10:59:56
Laboratory Job No. (Certificate of Analysis No.)	2107-00191
Project Name / No.	810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA 2014217900.302
Dates Sampled (from/to)	07/23/21 To 07/23/21
Dates Received (from/to)	07/23/21 To 07/23/21
Dates Reported (from/to)	07/28/21 To 7/28/2021
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 001 **B-1-5** Date & Time Sampled: 07/23/21 @ 8:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**8.5**	0.65	1.3	µg/L	**8,500**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 001 **B-1-5** Date & Time Sampled: 07/23/21 @ 8:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 001 **B-1-5** Date & Time Sampled: 07/23/21 @ 8:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	107		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	85		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 002 **B-2-5** Date & Time Sampled: 07/23/21 @ 8:28
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**2.5**	0.65	1.3	µg/L	**2,500**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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STANTEC CONSULTING SVCS., INC.
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Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 002 **B-2-5** Date & Time Sampled: 07/23/21 @ 8:28
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 002 **B-2-5** Date & Time Sampled: 07/23/21 @ 8:28
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 **B-2-5**									Date & Time Sampled:		07/23/21 @ 8:28		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	95		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	105		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	86		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 003 **B-3-5**									Date & Time Sampled:		07/23/21 @ 8:51		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 003 **B-3-5** Date & Time Sampled: 07/23/21 @ 8:51
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Cust #	1003
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Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 003 **B-3-5** Date & Time Sampled: 07/23/21 @ 8:51
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 **B-3-5**									Date & Time Sampled:		07/23/21 @ 8:51		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	104		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	101		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	93		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 004 **B-4-5**									Date & Time Sampled:		07/23/21 @ 9:12		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**6.8**	0.65	1.3	µg/L	**6,800**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 004 **B-4-5** Date & Time Sampled: 07/23/21 @ 9:12
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 004 **B-4-5** Date & Time Sampled: 07/23/21 @ 9:12
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	103		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	103		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	07/23/21	SR

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Date Reported	07/28/21
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Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 005 **B-01-5** Date & Time Sampled: 07/23/21 @ 9:53
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**11**	0.65	1.3	µg/L	**11,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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FDA#	2030513
LA City#	10261
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 005 **B-01-5** Date & Time Sampled: 07/23/21 @ 9:53
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.038**	0.0065	0.013	µg/L	**38**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 005 **B-01-5** Date & Time Sampled: 07/23/21 @ 9:53
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	98		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	102		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	94		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 006 **B-02-5** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**4.3**	0.65	1.3	µg/L	**4,300**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 006 **B-02-5** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 006 **B-02-5** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.053**	0.0065	0.013	µg/L	**53**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 006 **B-02-5** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	95		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	102		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	86		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 007 **B-02-5 DUP** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**3.4**	0.65	1.3	µg/L	**3,400**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 007 **B-02-5 DUP** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 007 **B-02-5 DUP** Date & Time Sampled: 07/23/21 @ 10:14
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.053**	0.0065	0.013	µg/L	**53**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 **B-02-5 DUP**									Date & Time Sampled:		07/23/21 @ 10:14		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	95		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	105		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	84		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 008 **B-03-5**									Date & Time Sampled:		07/23/21 @ 10:57		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**32**	0.65	1.3	µg/L	**32,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 008 **B-03-5** Date & Time Sampled: 07/23/21 @ 10:57
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 008 **B-03-5** Date & Time Sampled: 07/23/21 @ 10:57
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	***0.011***	0.0065	0.013	µg/L	***11***	6.5	13	µg/m3	J	0.13	EPA 8260B	07/23/21	SR
Toluene	**0.016**	0.0065	0.013	µg/L	**16**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	106		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	94		70-130	%REC							EPA 8260B	07/23/21	SR

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Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 009 **B-03-10** Date & Time Sampled: 07/23/21 @ 11:19
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**7.9**	0.65	1.3	µg/L	**7,900**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 009 **B-03-10** Date & Time Sampled: 07/23/21 @ 11:19
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 009 **B-03-10** Date & Time Sampled: 07/23/21 @ 11:19
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	104		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 010 **B-04-5** Date & Time Sampled: 07/23/21 @ 11:41
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 010 **B-04-5** Date & Time Sampled: 07/23/21 @ 11:41
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 010 **B-04-5** Date & Time Sampled: 07/23/21 @ 11:41
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.078**	0.0065	0.013	µg/L	**78**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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LA City#	10261
ELAP#'s	2789
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 010 **B-04-5** Date & Time Sampled: 07/23/21 @ 11:41
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	103		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 011 **B-04-10** Date & Time Sampled: 07/23/21 @ 12:03
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 011 **B-04-10** Date & Time Sampled: 07/23/21 @ 12:03
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 011 **B-04-10** Date & Time Sampled: 07/23/21 @ 12:03
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.034**	0.0065	0.013	µg/L	**34**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 **B-04-10**											Date & Time Sampled:	07/23/21 @	12:03
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	94		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	103		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	87		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 012 **B-05-5**											Date & Time Sampled:	07/23/21 @	12:26
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**6.9**	0.65	1.3	µg/L	**6,900**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 012 **B-05-5** Date & Time Sampled: 07/23/21 @ 12:26
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 012 **B-05-5** Date & Time Sampled: 07/23/21 @ 12:26
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.013**	0.0065	0.013	µg/L	**13**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	92		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	101		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	86		70-130	%REC							EPA 8260B	07/23/21	SR

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Date Reported	07/28/21
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Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 013 **B-06-5** Date & Time Sampled: 07/23/21 @ 12:48
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**15**	0.65	1.3	µg/L	**15,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
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	2790
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 013 **B-06-5** Date & Time Sampled: 07/23/21 @ 12:48
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	**0.014**	0.0065	0.013	µg/L	**14**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 013 **B-06-5** Date & Time Sampled: 07/23/21 @ 12:48
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	107		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	100		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 014 **B-07-5** Date & Time Sampled: 07/23/21 @ 13:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
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SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 014 **B-07-5** Date & Time Sampled: 07/23/21 @ 13:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 014 **B-07-5** Date & Time Sampled: 07/23/21 @ 13:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.032**	0.0065	0.013	µg/L	**32**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 014 **B-07-5** Date & Time Sampled: 07/23/21 @ 13:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	102		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 015 **B-08-5** Date & Time Sampled: 07/23/21 @ 13:34
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 015 **B-08-5** Date & Time Sampled: 07/23/21 @ 13:34
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 015 **B-08-5** Date & Time Sampled: 07/23/21 @ 13:34
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													

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Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 **B-08-5** Date & Time Sampled: 07/23/21 @ 13:34													
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	102		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	85		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 016 **B-09-5** Date & Time Sampled: 07/23/21 @ 13:54													
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 016 **B-09-5** Date & Time Sampled: 07/23/21 @ 13:54
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 016 **B-09-5** Date & Time Sampled: 07/23/21 @ 13:54
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	93		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	100		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	85		70-130	%REC							EPA 8260B	07/23/21	SR

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735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 017 **B-10-5** Date & Time Sampled: 07/23/21 @ 14:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 017 **B-10-5** Date & Time Sampled: 07/23/21 @ 14:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 017 **B-10-5** Date & Time Sampled: 07/23/21 @ 14:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	93		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	102		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	84		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 018 **B-11-5** Date & Time Sampled: 07/23/21 @ 14:38
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**13**	0.65	1.3	µg/L	**13,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 018 **B-11-5** Date & Time Sampled: 07/23/21 @ 14:38
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 018 **B-11-5** Date & Time Sampled: 07/23/21 @ 14:38
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 018 **B-11-5** Date & Time Sampled: 07/23/21 @ 14:38
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	123		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	123		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	107		70-130	%REC							EPA 8260B	07/23/21	SR

Sample: 019 **B-12-5** Date & Time Sampled: 07/23/21 @ 14:44
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**11**	0.65	1.3	µg/L	**11,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 019 **B-12-5** Date & Time Sampled: 07/23/21 @ 14:44
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 019 **B-12-5** Date & Time Sampled: 07/23/21 @ 14:44
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	**0.070**	0.0065	0.013	µg/L	**70**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													

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Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 019 **B-12-5**									Date & Time Sampled:		07/23/21 @ 14:44		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	117		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	130		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	07/23/21	SR
Sample: 020 **B-13-5**									Date & Time Sampled:		07/23/21 @ 14:49		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**14**	0.65	1.3	µg/L	**14,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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A & R Laboratories, Inc.

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 020 **B-13-5** Date & Time Sampled: 07/23/21 @ 14:49
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 020 **B-13-5** Date & Time Sampled: 07/23/21 @ 14:49
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	07/23/21	SR
Toluene	**0.040**	0.0065	0.013	µg/L	**40**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	114		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	130		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	104		70-130	%REC							EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 021 **B-14-5** Date & Time Sampled: 07/23/21 @ 14:54
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**55**	0.625	1.3	µg/L	**55,000**	625.0	1,300	µg/m3		0.125	LUFT GCMS	07/23/21	SR
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 021 **B-14-5** Date & Time Sampled: 07/23/21 @ 14:54
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	07/23/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Tetrachloroethene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Toluene	**0.070**	0.0065	0.013	µg/L	**70**	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR

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CERTIFICATE OF ANALYSIS

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	07/28/21
Date Received	07/23/21
Invoice No.	92444
Cust #	1003
Permit Number	
Customer P.O.	2014217900.302

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Sample: 021 **B-14-5** Date & Time Sampled: 07/23/21 @ 14:54
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	07/23/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	07/23/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	07/23/21	SR
[VOC Surrogates]													
Dibromofluoromethane	119		70-130	%REC							EPA 8260B	07/23/21	SR
Toluene-D8	125		70-130	%REC							EPA 8260B	07/23/21	SR
Bromofluorobenzene	100		70-130	%REC							EPA 8260B	07/23/21	SR

Respectfully Submitted: Ken Zheng

Ken Zheng - President

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	**07/28/2021**
Date Received	**07/23/2021**
Date Sampled	**07/23/2021**
Invoice No.	**92444**
Customer #	**1003**
Customer P.O.	**2014217900.302**

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Method # EPA 8260B

QC Reference # 97558 **Date Analyzed:** 7/23/2021 **Technician:** SR

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	112	84	28	
Benzene	90	111	20.7	
Bromofluorobenzene				89
Chlorobenzene	101	126	22.5	
Dibromofluoromethan				100
Toluene	98	118	18.6	
Toluene-D8				105
Trichloroethene	82	108	27.5	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

Method # LUFT GCMS

QC Reference # 97559 **Date Analyzed:** 7/23/2021 **Technician:** SR

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results

	LCS %REC
C4-C12	108

Control Ranges

LCS %REC
70 - 130

QC Reference # 97587 **Date Analyzed:** 7/23/2021 **Technician:** SR

Samples 021

Results

	LCS %REC
C4-C12	108

Control Ranges

LCS %REC
70 - 130

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QUALITY CONTROL DATA REPORT

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported 07/28/2021
Date Received 07/23/2021
Date Sampled 07/23/2021

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
97558	Acetone	<0.0650		µg/L	0.0650
	t-Amyl Methyl Ether (TAME)	<0.0065		µg/L	0.0065
	Benzene	<0.0031		µg/L	0.0031
	Bromobenzene	<0.0065		µg/L	0.0065
	Bromochloromethane	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0065		µg/L	0.0065
	Bromoform	<0.0065		µg/L	0.0065
	Bromomethane	<0.0065		µg/L	0.0065
	t-Butanol (TBA)	<0.0650		µg/L	0.0650
	2-Butanone (MEK)	<0.0650		µg/L	0.0650
	n-Butylbenzene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0650		µg/L	0.0650
	Carbon Tetrachloride	<0.0033		µg/L	0.0033
	Chlorobenzene	<0.0065		µg/L	0.0065
	Chloroethane	<0.0065		µg/L	0.0065
	Chloroform	<0.0065		µg/L	0.0065
	Chloromethane	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065
	Dibromochloromethane	<0.0065		µg/L	0.0065
	1,2-Dibromoethane (EDB)	<0.0026		µg/L	0.0026
	1,2-Dibromo-3-Chloropropane	<0.0026		µg/L	0.0026
	Dibromomethane	<0.0065		µg/L	0.0065
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethane	<0.0065		µg/L	0.0065
	1,2-Dichloroethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethene	<0.0065		µg/L	0.0065
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	1,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,3-Dichloropropane	<0.0065		µg/L	0.0065
	2,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,1-Dichloropropene	<0.0065		µg/L	0.0065
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	Diisopropyl Ether (DiPE)	<0.0065		µg/L	0.0065
	Ethylbenzene	<0.0065		µg/L	0.0065
	Ethyl-t-Butyl Ether (EtBE)	<0.0065		µg/L	0.0065
	Hexachlorobutadiene	<0.0065		µg/L	0.0065
	2-Hexanone	<0.0650		µg/L	0.0650
	Isopropylbenzene	<0.0065		µg/L	0.0065
	4-Isopropyltoluene	<0.0065		µg/L	0.0065
	Methylene Chloride	<0.0065		µg/L	0.0065
	4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650
	Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Naphthalene	<0.0042		µg/L	0.0042
	n-Propylbenzene	<0.0065		µg/L	0.0065
	Styrene	<0.0065		µg/L	0.0065
	1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	1,1,2,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	Tetrachloroethene	<0.0065		µg/L	0.0065
	Toluene	<0.0065		µg/L	0.0065
	1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	1,1,2-Trichloroethane	<0.0065		µg/L	0.0065
	Trichloroethene	<0.0065		µg/L	0.0065
	1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Trichlorofluoromethane	<0.0065		µg/L	0.0065
	Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	Vinyl Chloride	<0.0010		µg/L	0.0010
	m,p-Xylenes	<0.0130		µg/L	0.0130
	o-Xylene	<0.0065		µg/L	0.0065
	Isopropanol (IPA)	<0.0650		µg/L	0.0650
97559	C4-C12	<0.6500		µg/L	0.6500
97587	C4-C12	<0.6250		µg/L	0.6250

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QUALITY CONTROL DATA REPORT

2107-00191

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported	**07/28/2021**
Date Received	**07/23/2021**
Date Sampled	**07/23/2021**

Project: 810 Mission Ave. & 235 S. Tremont Ave., Oceanside, CA

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

20142179 00. 302

A & R Work Order #: 2107-191

Client Name: Stantec CONSULTING SVCS
E-mail: ALICIA.JANSEN@STANTEC.COM
Address: 735 E. CARNEGIE DR., STE. 280, SN BRDNO, CA 92408
Report Attention: ALICIA J. | Phone #: 909.255.8213 | Fax: #
Sampled By: SR
Project No./ Name:
Project Site: 810 Mission Ave & S. Tremont St. Oceanside, CA

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☑ Normal Mobile

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
1	B-1-5	7/23/21	8:08	AIR	NA	250mL G	X		X							3PV
2	B-2-5		8:28													
3	B-3-5		8:51													
4	B-4-5		9:12													
5	B-01-5		9:53													
6	B-02-5		10:14													
7	B-02-5 DUP		10:14													
8	B-03-5		10:57													
9	B-03-10		11:19													
10	B-04-5		11:41													
11	B-04-10		12:03													
12	B-05-5		12:26													
13	B-06-5		12:48													
14	B-07-5		13:10													
15	B-08-5		13:34													

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Stantec	7/23/21	1515		ARL	7/23/21	1515
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2107-191

Client Name: Stantec CONSULTING SVCS
E-mail: ALICIA.JANSEN@STANTEC.COM
Address: 735 E. CARNEGIE DR., STE. 280, SN BRDNO, CA 92408
Report Attention: ALICIA J. | Phone # / Fax: # 909.255.8213 | Sampled By: SR
Project No./ Name:
Project Site: 810 Mission Ave & S. Tremont St, Oceanside, CA

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☑ Normal
Mobile

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
16	B-09-5	7/23/21	13:54	AIR	NA	250mL G	X		X							3PV
17	B-10-5	↓	14:16	↓	↓	↓	↓		↓							↓
18	B-11-5		14:38			Tedlar										
19	B-12-5		14:44			↓										
20	B-13-5		14:49													
21	B-14-5	↓	14:54	↓	↓	↓	↓		↓							↓

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Stantec	7/23/21	1515	[signature]	ARL	7/23/21	1515
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

July 30, 2021

Alicia Jansen
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2101579
Client Reference : 2014217900

Enclosed are the results for sample(s) received on July 21, 2021 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

For

Amy Leung
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-01-1	2101579-01	Solid	7/20/21 12:37	7/21/21 12:21
B-01-5	2101579-02	Solid	7/20/21 12:52	7/21/21 12:21
B-02-1	2101579-03	Solid	7/20/21 12:05	7/21/21 12:21
B-02-5	2101579-04	Solid	7/20/21 12:15	7/21/21 12:21
B-03-10	2101579-06	Solid	7/20/21 11:10	7/21/21 12:21
B-04-10	2101579-08	Solid	7/20/21 11:45	7/21/21 12:21
B-05-10	2101579-10	Solid	7/20/21 14:15	7/21/21 12:21
B-06-10	2101579-12	Solid	7/20/21 13:35	7/21/21 12:21

CASE NARRATIVE

Samples for 8015_DRO analysis were subcontracted to AETL with CA-ELAP Cert. 1541.

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-1
Lab ID: 2101579-01

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 12:52	
Surrogate: 4-Bromofluorobenzene	*115 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 12:52*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-1

Lab ID: 2101579-01

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 17:28	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 17:28	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 17:28	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 17:28	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 17:28	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:28	
Surrogate: 1,2-Dichloroethane-d4	*112 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 17:28*	
Surrogate: 4-Bromofluorobenzene	*98.6 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 17:28*	
Surrogate: Dibromofluoromethane	*105 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 17:28*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-1

Lab ID: 2101579-01

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*100 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 17:28*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-5
Lab ID: 2101579-02

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 13:38	
Surrogate: 4-Bromofluorobenzene	*114 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 13:38*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-5

Lab ID: 2101579-02

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 17:54	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 17:54	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 17:54	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 17:54	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 17:54	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 17:54	
Surrogate: 1,2-Dichloroethane-d4	*98.9 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 17:54*	
Surrogate: 4-Bromofluorobenzene	*95.2 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 17:54*	
Surrogate: Dibromofluoromethane	*95.6 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 17:54*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-01-5

Lab ID: 2101579-02

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*99.9 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 17:54*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-1

Lab ID: 2101579-03

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 14:01	
Surrogate: 4-Bromofluorobenzene	*110 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 14:01*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-1

Lab ID: 2101579-03

Volatile Organic Compounds by EPA 8260B — **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 18:20	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 18:20	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 18:20	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 18:20	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 18:20	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:20	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 18:20*	
Surrogate: 4-Bromofluorobenzene	*96.0 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 18:20*	
Surrogate: Dibromofluoromethane	*98.1 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 18:20*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-1

Lab ID: 2101579-03

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*99.3 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 18:20*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-5
Lab ID: 2101579-04

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 14:25	
Surrogate: 4-Bromofluorobenzene	*110 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 14:25*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-5

Lab ID: 2101579-04

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 18:45	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 18:45	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 18:45	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 18:45	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 18:45	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 18:45	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 18:45*	
Surrogate: 4-Bromofluorobenzene	*97.5 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 18:45*	
Surrogate: Dibromofluoromethane	*102 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 18:45*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-02-5

Lab ID: 2101579-04

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*97.2 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 18:45*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-03-10
Lab ID: 2101579-06

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 14:48	
Surrogate: 4-Bromofluorobenzene	*115 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 14:48*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-03-10

Lab ID: 2101579-06

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 19:11	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 19:11	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 19:11	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 19:11	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 19:11	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:11	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 19:11*	
Surrogate: 4-Bromofluorobenzene	*96.9 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 19:11*	
Surrogate: Dibromofluoromethane	*99.6 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 19:11*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-03-10

Lab ID: 2101579-06

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*98.5 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 19:11*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-04-10
Lab ID: 2101579-08

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 15:11	
Surrogate: 4-Bromofluorobenzene	*116 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 15:11*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-04-10

Lab ID: 2101579-08

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 19:36	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 19:36	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 19:36	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 19:36	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 19:36	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 19:36	
Surrogate: 1,2-Dichloroethane-d4	*116 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 19:36*	
Surrogate: 4-Bromofluorobenzene	*96.2 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 19:36*	
Surrogate: Dibromofluoromethane	*104 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 19:36*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-04-10

Lab ID: 2101579-08

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*101 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 19:36*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-05-10

Lab ID: 2101579-10

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 15:34	
Surrogate: 4-Bromofluorobenzene	*113 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 15:34*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-05-10

Lab ID: 2101579-10

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 20:02	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 20:02	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 20:02	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 20:02	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 20:02	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:02	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 20:02*	
Surrogate: 4-Bromofluorobenzene	*96.5 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 20:02*	
Surrogate: Dibromofluoromethane	*99.8 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 20:02*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-05-10

Lab ID: 2101579-10

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*99.1 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 20:02*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-06-10
Lab ID: 2101579-12

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kim

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B1G0360	07/22/2021	07/22/21 15:58	
Surrogate: 4-Bromofluorobenzene	*114 %*	*47.6 - 121.18*		B1G0360	07/22/2021	*07/22/21 15:58*	

Volatile Organic Compounds by EPA 8260B

Analyst: KN

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1,1-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1,2-Trichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,1-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2,3-Trichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2,3-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2,4-Trichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2,4-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2-Dibromo-3-chloropropane	ND	10	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2-Dibromoethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2-Dichloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,3,5-Trimethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,3-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,3-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
1,4-Dichlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
2,2-Dichloropropane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
2-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
4-Chlorotoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
4-Isopropyltoluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Benzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Bromobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Bromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Bromodichloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Bromoform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Bromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Carbon disulfide	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Carbon tetrachloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Chlorobenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-06-10

Lab ID: 2101579-12

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Chloroform	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Chloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
cis-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
cis-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Di-isopropyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Dibromochloromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Dibromomethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Dichlorodifluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Ethyl Acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 20:27	
Ethyl Ether	ND	50	1	B1G0366	07/22/2021	07/22/21 20:27	
Ethyl tert-butyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Ethylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Freon-113	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Hexachlorobutadiene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Isopropylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
m,p-Xylene	ND	10	1	B1G0366	07/22/2021	07/22/21 20:27	
Methylene chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
MTBE	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
n-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
n-Propylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Naphthalene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
o-Xylene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
sec-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Styrene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
tert-Amyl methyl ether	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
tert-Butanol	ND	100	1	B1G0366	07/22/2021	07/22/21 20:27	
tert-Butylbenzene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Tetrachloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Toluene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
trans-1,2-Dichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
trans-1,3-Dichloropropene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Trichloroethene	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Trichlorofluoromethane	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Vinyl acetate	ND	50	1	B1G0366	07/22/2021	07/22/21 20:27	
Vinyl chloride	ND	5.0	1	B1G0366	07/22/2021	07/22/21 20:27	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*66 - 200*		B1G0366	07/22/2021	*07/22/21 20:27*	
Surrogate: 4-Bromofluorobenzene	*98.1 %*	*50 - 146*		B1G0366	07/22/2021	*07/22/21 20:27*	
Surrogate: Dibromofluoromethane	*105 %*	*77 - 159*		B1G0366	07/22/2021	*07/22/21 20:27*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Client Sample ID B-06-10

Lab ID: 2101579-12

Volatile Organic Compounds by EPA 8260B **Analyst: KN**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Toluene-d8	*100 %*	*81 - 128*		B1G0366	07/22/2021	*07/22/21 20:27*	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

QUALITY CONTROL SECTION

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0360 - GCVOA_S										
Blank (B1G0360-BLK1)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Gasoline Range Organics	ND	1.0	0.20							
Surrogate: 4-Bromofluorobenzene	*0.8705*			*0.800000*		*109*	*47.6 - 121.18*			
LCS (B1G0360-BS1)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Gasoline Range Organics	4.09300	1.0	0.20	5.00000		81.9	58.69 - 124.04			
Surrogate: 4-Bromofluorobenzene	*0.9626*			*0.800000*		*120*	*47.6 - 121.18*			
LCS Dup (B1G0360-BSD1)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Gasoline Range Organics	4.32400	1.0	0.20	5.00000		86.5	58.69 - 124.04	5.49	20	
Surrogate: 4-Bromofluorobenzene	*0.9379*			*0.800000*		*117*	*47.6 - 121.18*			
Matrix Spike (B1G0360-MS1)			**Source: 2101580-01**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
Gasoline Range Organics	4.45100	1.0	0.20	5.00000	ND	89.0	37.92 - 128.32			
Surrogate: 4-Bromofluorobenzene	*0.9148*			*0.800000*		*114*	*47.6 - 121.18*			
Matrix Spike Dup (B1G0360-MSD1)			**Source: 2101580-01**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
Gasoline Range Organics	3.89000	1.0	0.20	5.00000	ND	77.8	37.92 - 128.32	13.5	20	
Surrogate: 4-Bromofluorobenzene	*0.9169*			*0.800000*		*115*	*47.6 - 121.18*			

Certificate of Analysis

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735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S										
Blank (B1G0366-BLK1)							Prepared: 7/22/2021 Analyzed: 7/22/2021			
1,1,1,2-Tetrachloroethane	ND	5.0	0.52							
1,1,1-Trichloroethane	ND	5.0	0.26							
1,1,2,2-Tetrachloroethane	ND	5.0	0.21							
1,1,2-Trichloroethane	ND	5.0	0.40							
1,1-Dichloroethane	ND	5.0	1.4							
1,1-Dichloroethene	ND	5.0	1.9							
1,1-Dichloropropene	ND	5.0	0.54							
1,2,3-Trichloropropane	ND	5.0	0.40							
1,2,3-Trichlorobenzene	ND	5.0	0.83							
1,2,4-Trichlorobenzene	ND	5.0	0.80							
1,2,4-Trimethylbenzene	ND	5.0	0.91							
1,2-Dibromo-3-chloropropane	ND	10	1.1							
1,2-Dibromoethane	ND	5.0	0.40							
1,2-Dichlorobenzene	ND	5.0	0.21							
1,2-Dichloroethane	ND	5.0	0.50							
1,2-Dichloropropane	ND	5.0	0.46							
1,3,5-Trimethylbenzene	ND	5.0	0.70							
1,3-Dichlorobenzene	ND	5.0	0.36							
1,3-Dichloropropane	ND	5.0	0.49							
1,4-Dichlorobenzene	ND	5.0	0.27							
2,2-Dichloropropane	ND	5.0	0.28							
2-Chlorotoluene	ND	5.0	0.53							
4-Chlorotoluene	ND	5.0	0.40							
4-Isopropyltoluene	ND	5.0	0.81							
Benzene	ND	5.0	0.36							
Bromobenzene	ND	5.0	0.62							
Bromochloromethane	ND	5.0	0.30							
Bromodichloromethane	ND	5.0	0.52							
Bromoform	ND	5.0	1.4							
Bromomethane	ND	5.0	2.5							
Carbon disulfide	ND	5.0	0.94							
Carbon tetrachloride	ND	5.0	0.73							
Chlorobenzene	ND	5.0	0.42							
Chloroethane	ND	5.0	1.5							
Chloroform	ND	5.0	0.24							
Chloromethane	ND	5.0	1.1							
cis-1,2-Dichloroethene	ND	5.0	0.20							
cis-1,3-Dichloropropene	ND	5.0	0.39							
Di-isopropyl ether	ND	5.0	1.9							
Dibromochloromethane	ND	5.0	0.81							
Dibromomethane	ND	5.0	0.23							
Dichlorodifluoromethane	ND	5.0	0.14							
Ethyl Acetate	ND	50	7.0							
Ethyl Ether	ND	50	17							

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Blank (B1G0366-BLK1) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Ethyl tert-butyl ether	ND	5.0	0.85							
Ethylbenzene	ND	5.0	0.43							
Freon-113	ND	5.0	1.3							
Hexachlorobutadiene	ND	5.0	0.40							
Isopropylbenzene	ND	5.0	0.79							
m,p-Xylene	ND	10	0.98							
Methylene chloride	ND	5.0	2.2							
MTBE	ND	5.0	0.81							
n-Butylbenzene	ND	5.0	1.2							
n-Propylbenzene	ND	5.0	0.78							
Naphthalene	ND	5.0	1.1							
o-Xylene	ND	5.0	0.67							
sec-Butylbenzene	ND	5.0	0.63							
Styrene	ND	5.0	0.45							
tert-Amyl methyl ether	ND	5.0	1.1							
tert-Butanol	ND	100	11							
tert-Butylbenzene	ND	5.0	0.80							
Tetrachloroethene	ND	5.0	0.31							
Toluene	ND	5.0	0.27							
trans-1,2-Dichloroethene	ND	5.0	0.56							
trans-1,3-Dichloropropene	ND	5.0	0.59							
Trichloroethene	ND	5.0	0.32							
Trichlorofluoromethane	ND	5.0	1.0							
Vinyl acetate	ND	50	6.0							
Vinyl chloride	ND	5.0	0.92							
Surrogate: 1,2-Dichloroethane-d4	*54.64*			*50.0000*		*109*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*47.85*			*50.0000*		*95.7*	*50 - 146*			
Surrogate: Dibromofluoromethane	*50.29*			*50.0000*		*101*	*77 - 159*			
Surrogate: Toluene-d8	*50.30*			*50.0000*		*101*	*81 - 128*			
Blank (B1G0366-BLK2)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,1,1,2-Tetrachloroethane	ND	250	26							
1,1,1-Trichloroethane	ND	250	13							
1,1,2,2-Tetrachloroethane	ND	250	10							
1,1,2-Trichloroethane	ND	250	20							
1,1-Dichloroethane	ND	250	68							
1,1-Dichloroethene	ND	250	94							
1,1-Dichloropropene	ND	250	27							
1,2,3-Trichloropropane	ND	250	20							
1,2,3-Trichlorobenzene	ND	250	41							
1,2,4-Trichlorobenzene	ND	250	40							
1,2,4-Trimethylbenzene	ND	250	45							
1,2-Dibromo-3-chloropropane	ND	500	56							
1,2-Dibromoethane	ND	250	20							

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Blank (B1G0366-BLK2) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,2-Dichlorobenzene	ND	250	11							
1,2-Dichloroethane	ND	250	25							
1,2-Dichloropropane	ND	250	23							
1,3,5-Trimethylbenzene	ND	250	35							
1,3-Dichlorobenzene	ND	250	18							
1,3-Dichloropropane	ND	250	25							
1,4-Dichlorobenzene	ND	250	14							
2,2-Dichloropropane	ND	250	14							
2-Chlorotoluene	ND	250	26							
4-Chlorotoluene	ND	250	20							
4-Isopropyltoluene	ND	250	41							
Benzene	ND	250	18							
Bromobenzene	ND	250	31							
Bromochloromethane	ND	250	15							
Bromodichloromethane	ND	250	26							
Bromoform	ND	250	69							
Bromomethane	ND	250	120							
Carbon disulfide	ND	250	47							
Carbon tetrachloride	ND	250	37							
Chlorobenzene	ND	250	21							
Chloroethane	ND	250	77							
Chloroform	ND	250	12							
Chloromethane	ND	250	55							
cis-1,2-Dichloroethene	ND	250	10							
cis-1,3-Dichloropropene	ND	250	19							
Di-isopropyl ether	ND	250	97							
Dibromochloromethane	ND	250	40							
Dibromomethane	ND	250	11							
Dichlorodifluoromethane	ND	250	7.2							
Ethyl Acetate	ND	2500	350							
Ethyl Ether	ND	2500	870							
Ethyl tert-butyl ether	ND	250	42							
Ethylbenzene	ND	250	22							
Freon-113	ND	250	64							
Hexachlorobutadiene	ND	250	20							
Isopropylbenzene	ND	250	40							
m,p-Xylene	ND	500	49							
Methylene chloride	ND	250	110							
MTBE	ND	250	41							
n-Butylbenzene	ND	250	59							
n-Propylbenzene	ND	250	39							
Naphthalene	ND	250	56							
o-Xylene	ND	250	34							
sec-Butylbenzene	ND	250	31							

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Blank (B1G0366-BLK2) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Styrene	ND	250	23							
tert-Amyl methyl ether	ND	250	54							
tert-Butanol	ND	5000	560							
tert-Butylbenzene	ND	250	40							
Tetrachloroethene	ND	250	15							
Toluene	ND	250	13							
trans-1,2-Dichloroethene	ND	250	28							
trans-1,3-Dichloropropene	ND	250	30							
Trichloroethene	ND	250	16							
Trichlorofluoromethane	ND	250	52							
Vinyl acetate	ND	2500	300							
Vinyl chloride	ND	250	46							
Surrogate: 1,2-Dichloroethane-d4	*54.31*			*50.0000*		*109*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*48.31*			*50.0000*		*96.6*	*50 - 146*			
Surrogate: Dibromofluoromethane	*50.11*			*50.0000*		*100*	*77 - 159*			
Surrogate: Toluene-d8	*50.03*			*50.0000*		*100*	*81 - 128*			
LCS (B1G0366-BS1)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,1,1,2-Tetrachloroethane	54.5100	5.0	0.52	50.0000		109	84 - 123			
1,1,1-Trichloroethane	53.5600	5.0	0.26	50.0000		107	78 - 133			
1,1,2,2-Tetrachloroethane	53.2500	5.0	0.21	50.0000		106	63 - 127			
1,1,2-Trichloroethane	54.5000	5.0	0.40	50.0000		109	80 - 125			
1,1-Dichloroethane	52.9500	5.0	1.4	50.0000		106	77 - 128			
1,1-Dichloroethene	54.2200	5.0	1.9	50.0000		108	69 - 138			
1,1-Dichloropropene	55.4300	5.0	0.54	50.0000		111	80 - 133			
1,2,3-Trichloropropane	51.8500	5.0	0.40	50.0000		104	74 - 123			
1,2,3-Trichlorobenzene	54.2200	5.0	0.83	50.0000		108	79 - 133			
1,2,4-Trichlorobenzene	53.6800	5.0	0.80	50.0000		107	73 - 131			
1,2,4-Trimethylbenzene	54.2500	5.0	0.91	50.0000		108	86 - 137			
1,2-Dibromo-3-chloropropane	51.3400	10	1.1	50.0000		103	62 - 127			
1,2-Dibromoethane	53.3000	5.0	0.40	50.0000		107	83 - 126			
1,2-Dichlorobenzene	53.8000	5.0	0.21	50.0000		108	83 - 123			
1,2-Dichloroethane	54.9600	5.0	0.50	50.0000		110	76 - 128			
1,2-Dichloropropane	54.2300	5.0	0.46	50.0000		108	77 - 121			
1,3,5-Trimethylbenzene	53.4500	5.0	0.70	50.0000		107	84 - 135			
1,3-Dichlorobenzene	54.1200	5.0	0.36	50.0000		108	81 - 126			
1,3-Dichloropropane	55.0000	5.0	0.49	50.0000		110	80 - 118			
1,4-Dichlorobenzene	53.5200	5.0	0.27	50.0000		107	80 - 124			
2,2-Dichloropropane	52.6200	5.0	0.28	50.0000		105	72 - 135			
2-Chlorotoluene	53.9600	5.0	0.53	50.0000		108	81 - 127			
4-Chlorotoluene	53.7100	5.0	0.40	50.0000		107	83 - 127			
4-Isopropyltoluene	53.7200	5.0	0.81	50.0000		107	82 - 143			
Benzene	55.6000	5.0	0.36	50.0000		111	84 - 123			
Bromobenzene	53.3000	5.0	0.62	50.0000		107	80 - 122			

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
LCS (B1G0366-BS1) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Bromochloromethane	55.2100	5.0	0.30	50.0000		110	83 - 127			
Bromodichloromethane	54.4900	5.0	0.52	50.0000		109	82 - 123			
Bromoform	55.1500	5.0	1.4	50.0000		110	80 - 132			
Bromomethane	49.1100	5.0	2.5	50.0000		98.2	67 - 176			
Carbon disulfide	39.0800	5.0	0.94	50.0000		78.2	75 - 138			
Carbon tetrachloride	54.9100	5.0	0.73	50.0000		110	76 - 131			
Chlorobenzene	55.1700	5.0	0.42	50.0000		110	84 - 119			
Chloroethane	46.5900	5.0	1.5	50.0000		93.2	56 - 170			
Chloroform	52.6200	5.0	0.24	50.0000		105	78 - 129			
Chloromethane	48.0200	5.0	1.1	50.0000		96.0	63 - 141			
cis-1,2-Dichloroethene	54.2200	5.0	0.20	50.0000		108	83 - 125			
cis-1,3-Dichloropropene	54.6600	5.0	0.39	50.0000		109	76 - 129			
Di-isopropyl ether	50.2700	5.0	1.9	50.0000		101	73 - 132			
Dibromochloromethane	53.1800	5.0	0.81	50.0000		106	81 - 120			
Dibromomethane	53.9400	5.0	0.23	50.0000		108	79 - 124			
Dichlorodifluoromethane	46.8000	5.0	0.14	50.0000		93.6	18 - 199			
Ethyl Acetate	438.830	50	7.0	500.000		87.8	76 - 138			
Ethyl Ether	512.680	50	17	500.000		103	74 - 128			
Ethyl tert-butyl ether	51.2600	5.0	0.85	50.0000		103	50 - 175			
Ethylbenzene	54.3800	5.0	0.43	50.0000		109	86 - 130			
Freon-113	47.4200	5.0	1.3	50.0000		94.8	66 - 132			
Hexachlorobutadiene	54.0600	5.0	0.40	50.0000		108	64 - 135			
Isopropylbenzene	54.6400	5.0	0.79	50.0000		109	80 - 133			
m,p-Xylene	110.980	10	0.98	100.000		111	89 - 133			
Methylene chloride	55.0400	5.0	2.2	50.0000		110	72 - 143			
MTBE	48.7800	5.0	0.81	50.0000		97.6	73 - 136			
n-Butylbenzene	54.1400	5.0	1.2	50.0000		108	76 - 144			
n-Propylbenzene	54.8500	5.0	0.78	50.0000		110	81 - 136			
Naphthalene	54.5800	5.0	1.1	50.0000		109	64 - 128			
o-Xylene	54.2300	5.0	0.67	50.0000		108	82 - 134			
sec-Butylbenzene	54.9900	5.0	0.63	50.0000		110	81 - 138			
Styrene	54.0300	5.0	0.45	50.0000		108	79 - 152			
tert-Amyl methyl ether	50.2000	5.0	1.1	50.0000		100	48 - 166			
tert-Butanol	254.100	100	11	250.000		102	48 - 148			
tert-Butylbenzene	53.6100	5.0	0.80	50.0000		107	81 - 135			
Tetrachloroethene	53.6000	5.0	0.31	50.0000		107	75 - 127			
Toluene	55.0600	5.0	0.27	50.0000		110	88 - 130			
trans-1,2-Dichloroethene	54.2200	5.0	0.56	50.0000		108	79 - 127			
trans-1,3-Dichloropropene	54.6600	5.0	0.59	50.0000		109	80 - 130			
Trichloroethene	55.9000	5.0	0.32	50.0000		112	83 - 126			
Trichlorofluoromethane	49.2500	5.0	1.0	50.0000		98.5	62 - 143			
Vinyl acetate	439.050	50	6.0	500.000		87.8	69 - 150			
Vinyl chloride	49.0200	5.0	0.92	50.0000		98.0	69 - 140			

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)		Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
LCS (B1G0366-BS1) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Surrogate: 1,2-Dichloroethane-d4	*48.64*			*50.0000*		*97.3*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*50.23*			*50.0000*		*100*	*50 - 146*			
Surrogate: Dibromofluoromethane	*49.09*			*50.0000*		*98.2*	*77 - 159*			
Surrogate: Toluene-d8	*50.46*			*50.0000*		*101*	*81 - 128*			
LCS Dup (B1G0366-BSD1)						Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,1,1,2-Tetrachloroethane	59.6300	5.0	0.52	50.0000		119	84 - 123	8.97	20	
1,1,1-Trichloroethane	60.4100	5.0	0.26	50.0000		121	78 - 133	12.0	20	
1,1,2,2-Tetrachloroethane	55.1100	5.0	0.21	50.0000		110	63 - 127	3.43	20	
1,1,2-Trichloroethane	59.5400	5.0	0.40	50.0000		119	80 - 125	8.84	20	
1,1-Dichloroethane	63.0000	5.0	1.4	50.0000		126	77 - 128	17.3	20	
1,1-Dichloroethene	62.2000	5.0	1.9	50.0000		124	69 - 138	13.7	20	
1,1-Dichloropropene	61.6900	5.0	0.54	50.0000		123	80 - 133	10.7	20	
1,2,3-Trichloropropane	54.1800	5.0	0.40	50.0000		108	74 - 123	4.39	20	
1,2,3-Trichlorobenzene	60.6200	5.0	0.83	50.0000		121	79 - 133	11.1	20	
1,2,4-Trichlorobenzene	60.7600	5.0	0.80	50.0000		122	73 - 131	12.4	20	
1,2,4-Trimethylbenzene	58.9700	5.0	0.91	50.0000		118	86 - 137	8.34	20	
1,2-Dibromo-3-chloropropane	53.6200	10	1.1	50.0000		107	62 - 127	4.34	20	
1,2-Dibromoethane	58.1100	5.0	0.40	50.0000		116	83 - 126	8.63	20	
1,2-Dichlorobenzene	59.1700	5.0	0.21	50.0000		118	83 - 123	9.51	20	
1,2-Dichloroethane	58.4200	5.0	0.50	50.0000		117	76 - 128	6.10	20	
1,2-Dichloropropane	59.4500	5.0	0.46	50.0000		119	77 - 121	9.18	20	
1,3,5-Trimethylbenzene	58.0200	5.0	0.70	50.0000		116	84 - 135	8.20	20	
1,3-Dichlorobenzene	59.4200	5.0	0.36	50.0000		119	81 - 126	9.34	20	
1,3-Dichloropropane	59.9700	5.0	0.49	50.0000		120	80 - 118	8.65	20	L4
1,4-Dichlorobenzene	59.0800	5.0	0.27	50.0000		118	80 - 124	9.88	20	
2,2-Dichloropropane	59.5300	5.0	0.28	50.0000		119	72 - 135	12.3	20	
2-Chlorotoluene	59.2800	5.0	0.53	50.0000		119	81 - 127	9.40	20	
4-Chlorotoluene	58.4200	5.0	0.40	50.0000		117	83 - 127	8.40	20	
4-Isopropyltoluene	58.4100	5.0	0.81	50.0000		117	82 - 143	8.37	20	
Benzene	61.1100	5.0	0.36	50.0000		122	84 - 123	9.44	20	
Bromobenzene	59.1100	5.0	0.62	50.0000		118	80 - 122	10.3	20	
Bromochloromethane	60.5000	5.0	0.30	50.0000		121	83 - 127	9.14	20	
Bromodichloromethane	60.0200	5.0	0.52	50.0000		120	82 - 123	9.66	20	
Bromoform	56.2100	5.0	1.4	50.0000		112	80 - 132	1.90	20	
Bromomethane	56.2800	5.0	2.5	50.0000		113	67 - 176	13.6	20	
Carbon disulfide	45.5500	5.0	0.94	50.0000		91.1	75 - 138	15.3	20	
Carbon tetrachloride	60.5400	5.0	0.73	50.0000		121	76 - 131	9.75	20	
Chlorobenzene	61.6300	5.0	0.42	50.0000		123	84 - 119	11.1	20	L4
Chloroethane	54.6000	5.0	1.5	50.0000		109	56 - 170	15.8	20	
Chloroform	60.7200	5.0	0.24	50.0000		121	78 - 129	14.3	20	
Chloromethane	56.6000	5.0	1.1	50.0000		113	63 - 141	16.4	20	
cis-1,2-Dichloroethene	62.2000	5.0	0.20	50.0000		124	83 - 125	13.7	20	
cis-1,3-Dichloropropene	59.0000	5.0	0.39	50.0000		118	76 - 129	7.64	20	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
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Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
LCS Dup (B1G0366-BSD1) - Continued						Prepared: 7/22/2021 Analyzed: 7/22/2021				
Di-isopropyl ether	55.4900	5.0	1.9	50.0000		111	73 - 132	9.87	20	
Dibromochloromethane	59.6000	5.0	0.81	50.0000		119	81 - 120	11.4	20	
Dibromomethane	57.2800	5.0	0.23	50.0000		115	79 - 124	6.01	20	
Dichlorodifluoromethane	53.0700	5.0	0.14	50.0000		106	18 - 199	12.6	20	
Ethyl Acetate	478.230	50	7.0	500.000		95.6	76 - 138	8.59	20	
Ethyl Ether	554.170	50	17	500.000		111	74 - 128	7.78	20	
Ethyl tert-butyl ether	55.4200	5.0	0.85	50.0000		111	50 - 175	7.80	20	
Ethylbenzene	61.6600	5.0	0.43	50.0000		123	86 - 130	12.5	20	
Freon-113	52.6300	5.0	1.3	50.0000		105	66 - 132	10.4	20	
Hexachlorobutadiene	58.7900	5.0	0.40	50.0000		118	64 - 135	8.38	20	
Isopropylbenzene	59.5100	5.0	0.79	50.0000		119	80 - 133	8.53	20	
m,p-Xylene	125.160	10	0.98	100.000		125	89 - 133	12.0	20	
Methylene chloride	62.9500	5.0	2.2	50.0000		126	72 - 143	13.4	20	
MTBE	54.2000	5.0	0.81	50.0000		108	73 - 136	10.5	20	
n-Butylbenzene	60.4400	5.0	1.2	50.0000		121	76 - 144	11.0	20	
n-Propylbenzene	60.5100	5.0	0.78	50.0000		121	81 - 136	9.81	20	
Naphthalene	58.2600	5.0	1.1	50.0000		117	64 - 128	6.52	20	
o-Xylene	61.0900	5.0	0.67	50.0000		122	82 - 134	11.9	20	
sec-Butylbenzene	59.6800	5.0	0.63	50.0000		119	81 - 138	8.18	20	
Styrene	61.6100	5.0	0.45	50.0000		123	79 - 152	13.1	20	
tert-Amyl methyl ether	57.5800	5.0	1.1	50.0000		115	48 - 166	13.7	20	
tert-Butanol	274.480	100	11	250.000		110	48 - 148	7.71	20	
tert-Butylbenzene	58.5200	5.0	0.80	50.0000		117	81 - 135	8.76	20	
Tetrachloroethene	62.1100	5.0	0.31	50.0000		124	75 - 127	14.7	20	
Toluene	61.0900	5.0	0.27	50.0000		122	88 - 130	10.4	20	
trans-1,2-Dichloroethene	62.2000	5.0	0.56	50.0000		124	79 - 127	13.7	20	
trans-1,3-Dichloropropene	59.0000	5.0	0.59	50.0000		118	80 - 130	7.64	20	
Trichloroethene	61.1800	5.0	0.32	50.0000		122	83 - 126	9.02	20	
Trichlorofluoromethane	56.0500	5.0	1.0	50.0000		112	62 - 143	12.9	20	
Vinyl acetate	478.100	50	6.0	500.000		95.6	69 - 150	8.52	20	
Vinyl chloride	57.2700	5.0	0.92	50.0000		115	69 - 140	15.5	20	
Surrogate: 1,2-Dichloroethane-d4	*51.16*			*50.0000*		*102*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*50.15*			*50.0000*		*100*	*50 - 146*			
Surrogate: Dibromofluoromethane	*50.31*			*50.0000*		*101*	*77 - 159*			
Surrogate: Toluene-d8	*49.92*			*50.0000*		*99.8*	*81 - 128*			
Matrix Spike (B1G0366-MS1)			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,1,1,2-Tetrachloroethane	51.0300	5.0	0.52	50.0000	ND	102	50 - 126			
1,1,1-Trichloroethane	54.9800	5.0	0.26	50.0000	ND	110	56 - 144			
1,1,2,2-Tetrachloroethane	43.7100	5.0	0.21	50.0000	ND	87.4	20 - 153			
1,1,2-Trichloroethane	48.9900	5.0	0.40	50.0000	ND	98.0	0 - 421			
1,1-Dichloroethane	52.3200	5.0	1.4	50.0000	ND	105	58 - 131			
1,1-Dichloroethene	56.3000	5.0	1.9	50.0000	ND	113	60 - 143			
1,1-Dichloropropene	55.6100	5.0	0.54	50.0000	ND	111	57 - 144			

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
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Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Matrix Spike (B1G0366-MS1) - Continued			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,2,3-Trichloropropane	44.5800	5.0	0.40	50.0000	ND	89.2	52 - 121			
1,2,3-Trichlorobenzene	49.8600	5.0	0.83	50.0000	ND	99.7	0 - 153			
1,2,4-Trichlorobenzene	50.0400	5.0	0.80	50.0000	ND	100	0 - 146			
1,2,4-Trimethylbenzene	51.6400	5.0	0.91	50.0000	ND	103	26 - 155			
1,2-Dibromo-3-chloropropane	43.5500	10	1.1	50.0000	ND	87.1	36 - 125			
1,2-Dibromoethane	46.5900	5.0	0.40	50.0000	ND	93.2	56 - 127			
1,2-Dichlorobenzene	50.4700	5.0	0.21	50.0000	ND	101	26 - 136			
1,2-Dichloroethane	48.7000	5.0	0.50	50.0000	ND	97.4	60 - 118			
1,2-Dichloropropane	49.0300	5.0	0.46	50.0000	ND	98.1	52 - 124			
1,3,5-Trimethylbenzene	52.0100	5.0	0.70	50.0000	ND	104	31 - 152			
1,3-Dichlorobenzene	50.8800	5.0	0.36	50.0000	ND	102	26 - 140			
1,3-Dichloropropane	48.4400	5.0	0.49	50.0000	ND	96.9	56 - 118			
1,4-Dichlorobenzene	49.5100	5.0	0.27	50.0000	ND	99.0	27 - 136			
2,2-Dichloropropane	50.4400	5.0	0.28	50.0000	ND	101	50 - 146			
2-Chlorotoluene	51.6100	5.0	0.53	50.0000	ND	103	28 - 149			
4-Chlorotoluene	51.2700	5.0	0.40	50.0000	ND	103	35 - 142			
4-Isopropyltoluene	52.3300	5.0	0.81	50.0000	ND	105	12 - 175			
Benzene	53.1700	5.0	0.36	50.0000	ND	106	61 - 127			
Bromobenzene	49.0300	5.0	0.62	50.0000	ND	98.1	40 - 129			
Bromochloromethane	53.0400	5.0	0.30	50.0000	ND	106	57 - 135			
Bromodichloromethane	50.2800	5.0	0.52	50.0000	ND	101	58 - 119			
Bromoform	46.4400	5.0	1.4	50.0000	ND	92.9	48 - 130			
Bromomethane	38.8800	5.0	2.5	50.0000	ND	77.8	40 - 183			
Carbon disulfide	41.4600	5.0	0.94	50.0000	ND	82.9	49 - 153			
Carbon tetrachloride	52.7200	5.0	0.73	50.0000	ND	105	49 - 146			
Chlorobenzene	53.2300	5.0	0.42	50.0000	ND	106	46 - 128			
Chloroethane	40.4800	5.0	1.5	50.0000	ND	81.0	37 - 178			
Chloroform	52.8700	5.0	0.24	50.0000	ND	106	59 - 129			
Chloromethane	26.9500	5.0	1.1	50.0000	ND	53.9	31 - 168			
cis-1,2-Dichloroethene	56.3000	5.0	0.20	50.0000	ND	113	52 - 137			
cis-1,3-Dichloropropene	47.9400	5.0	0.39	50.0000	ND	95.9	45 - 130			
Di-isopropyl ether	44.7500	5.0	1.9	50.0000	ND	89.5	55 - 132			
Dibromochloromethane	49.8400	5.0	0.81	50.0000	ND	99.7	56 - 117			
Dibromomethane	47.5700	5.0	0.23	50.0000	ND	95.1	62 - 116			
Dichlorodifluoromethane	9.36000	5.0	0.14	50.0000	ND	18.7	0 - 266			
Ethyl Acetate	268.400	50	7.0	500.000	ND	53.7	16 - 156			
Ethyl Ether	467.270	50	17	500.000	ND	93.5	58 - 127			
Ethyl tert-butyl ether	46.7300	5.0	0.85	50.0000	ND	93.5	23 - 181			
Ethylbenzene	52.9400	5.0	0.43	50.0000	ND	106	43 - 144			
Freon-113	49.1300	5.0	1.3	50.0000	ND	98.3	45 - 148			
Hexachlorobutadiene	54.0500	5.0	0.40	50.0000	ND	108	0 - 149			
Isopropylbenzene	52.0800	5.0	0.79	50.0000	ND	104	38 - 148			
m,p-Xylene	108.670	10	0.98	100.000	ND	109	43 - 146			
Methylene chloride	55.1300	5.0	2.2	50.0000	2.35000	106	51 - 139			

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Matrix Spike (B1G0366-MS1) - Continued			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
MTBE	43.9300	5.0	0.81	50.0000	ND	87.9	41 - 152			
n-Butylbenzene	53.8900	5.0	1.2	50.0000	ND	108	11 - 163			
n-Propylbenzene	52.9200	5.0	0.78	50.0000	ND	106	31 - 154			
Naphthalene	45.3500	5.0	1.1	50.0000	ND	90.7	0 - 266			
o-Xylene	53.0900	5.0	0.67	50.0000	ND	106	40 - 142			
sec-Butylbenzene	54.0000	5.0	0.63	50.0000	ND	108	20 - 161			
Styrene	51.9700	5.0	0.45	50.0000	ND	104	31 - 157			
tert-Amyl methyl ether	44.3400	5.0	1.1	50.0000	3.09000	82.5	20 - 179			
tert-Butanol	203.950	100	11	250.000	ND	81.6	6 - 173			
tert-Butylbenzene	51.5600	5.0	0.80	50.0000	ND	103	28 - 155			
Tetrachloroethene	55.2500	5.0	0.31	50.0000	ND	110	39 - 144			
Toluene	52.3500	5.0	0.27	50.0000	ND	105	10 - 179			
trans-1,2-Dichloroethene	56.3000	5.0	0.56	50.0000	ND	113	60 - 135			
trans-1,3-Dichloropropene	47.9400	5.0	0.59	50.0000	ND	95.9	53 - 131			
Trichloroethene	55.0600	5.0	0.32	50.0000	ND	110	54 - 135			
Trichlorofluoromethane	50.7300	5.0	1.0	50.0000	ND	101	35 - 165			
Vinyl acetate	268.260	50	6.0	500.000	ND	53.7	0 - 180			
Vinyl chloride	32.5200	5.0	0.92	50.0000	ND	65.0	44 - 165			
Surrogate: 1,2-Dichloroethane-d4	*51.00*			*50.0000*		*102*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*50.58*			*50.0000*		*101*	*50 - 146*			
Surrogate: Dibromofluoromethane	*51.39*			*50.0000*		*103*	*77 - 159*			
Surrogate: Toluene-d8	*49.21*			*50.0000*		*98.4*	*81 - 128*			
Matrix Spike Dup (B1G0366-MSD1)			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
1,1,1,2-Tetrachloroethane	58.1200	5.0	0.52	50.0000	ND	116	50 - 126	13.0	20	
1,1,1-Trichloroethane	59.6600	5.0	0.26	50.0000	ND	119	56 - 144	8.16	20	
1,1,2,2-Tetrachloroethane	49.4800	5.0	0.21	50.0000	ND	99.0	20 - 153	12.4	20	
1,1,2-Trichloroethane	54.1300	5.0	0.40	50.0000	ND	108	0 - 421	9.97	20	
1,1-Dichloroethane	57.8000	5.0	1.4	50.0000	ND	116	58 - 131	9.95	20	
1,1-Dichloroethene	61.2400	5.0	1.9	50.0000	ND	122	60 - 143	8.41	20	
1,1-Dichloropropene	63.1000	5.0	0.54	50.0000	ND	126	57 - 144	12.6	20	
1,2,3-Trichloropropane	48.3200	5.0	0.40	50.0000	ND	96.6	52 - 121	8.05	20	
1,2,3-Trichlorobenzene	58.4700	5.0	0.83	50.0000	ND	117	0 - 153	15.9	20	
1,2,4-Trichlorobenzene	57.4700	5.0	0.80	50.0000	ND	115	0 - 146	13.8	20	
1,2,4-Trimethylbenzene	58.2300	5.0	0.91	50.0000	ND	116	26 - 155	12.0	20	
1,2-Dibromo-3-chloropropane	46.7300	10	1.1	50.0000	ND	93.5	36 - 125	7.04	20	
1,2-Dibromoethane	52.4700	5.0	0.40	50.0000	ND	105	56 - 127	11.9	20	
1,2-Dichlorobenzene	58.2900	5.0	0.21	50.0000	ND	117	26 - 136	14.4	20	
1,2-Dichloroethane	55.7200	5.0	0.50	50.0000	ND	111	60 - 118	13.4	20	
1,2-Dichloropropane	57.3900	5.0	0.46	50.0000	ND	115	52 - 124	15.7	20	
1,3,5-Trimethylbenzene	59.7900	5.0	0.70	50.0000	ND	120	31 - 152	13.9	20	
1,3-Dichlorobenzene	58.3600	5.0	0.36	50.0000	ND	117	26 - 140	13.7	20	
1,3-Dichloropropane	52.6300	5.0	0.49	50.0000	ND	105	56 - 118	8.29	20	
1,4-Dichlorobenzene	57.7700	5.0	0.27	50.0000	ND	116	27 - 136	15.4	20	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Matrix Spike Dup (B1G0366-MSD1) - Continued			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
2,2-Dichloropropane	56.3700	5.0	0.28	50.0000	ND	113	50 - 146	11.1	20	
2-Chlorotoluene	58.7500	5.0	0.53	50.0000	ND	118	28 - 149	12.9	20	
4-Chlorotoluene	58.0800	5.0	0.40	50.0000	ND	116	35 - 142	12.5	20	
4-Isopropyltoluene	60.1800	5.0	0.81	50.0000	ND	120	12 - 175	14.0	20	
Benzene	59.7600	5.0	0.36	50.0000	ND	120	61 - 127	11.7	20	
Bromobenzene	56.4300	5.0	0.62	50.0000	ND	113	40 - 129	14.0	20	
Bromochloromethane	57.2300	5.0	0.30	50.0000	ND	114	57 - 135	7.60	20	
Bromodichloromethane	56.1700	5.0	0.52	50.0000	ND	112	58 - 119	11.1	20	
Bromoform	51.8000	5.0	1.4	50.0000	ND	104	48 - 130	10.9	20	
Bromomethane	43.2800	5.0	2.5	50.0000	ND	86.6	40 - 183	10.7	20	
Carbon disulfide	45.0500	5.0	0.94	50.0000	ND	90.1	49 - 153	8.30	20	
Carbon tetrachloride	60.3800	5.0	0.73	50.0000	ND	121	49 - 146	13.5	20	
Chlorobenzene	58.8900	5.0	0.42	50.0000	ND	118	46 - 128	10.1	20	
Chloroethane	44.9700	5.0	1.5	50.0000	ND	89.9	37 - 178	10.5	20	
Chloroform	57.1900	5.0	0.24	50.0000	ND	114	59 - 129	7.85	20	
Chloromethane	28.6100	5.0	1.1	50.0000	ND	57.2	31 - 168	5.98	20	
cis-1,2-Dichloroethene	61.2400	5.0	0.20	50.0000	ND	122	52 - 137	8.41	20	
cis-1,3-Dichloropropene	53.6500	5.0	0.39	50.0000	ND	107	45 - 130	11.2	20	
Di-isopropyl ether	50.4800	5.0	1.9	50.0000	ND	101	55 - 132	12.0	20	
Dibromochloromethane	54.9200	5.0	0.81	50.0000	ND	110	56 - 117	9.70	20	
Dibromomethane	55.0900	5.0	0.23	50.0000	ND	110	62 - 116	14.7	20	
Dichlorodifluoromethane	9.34000	5.0	0.14	50.0000	ND	18.7	0 - 266	0.214	20	
Ethyl Acetate	281.680	50	7.0	500.000	ND	56.3	16 - 156	4.83	20	
Ethyl Ether	512.510	50	17	500.000	ND	103	58 - 127	9.23	20	
Ethyl tert-butyl ether	51.2400	5.0	0.85	50.0000	ND	102	23 - 181	9.21	20	
Ethylbenzene	58.9300	5.0	0.43	50.0000	ND	118	43 - 144	10.7	20	
Freon-113	53.0900	5.0	1.3	50.0000	ND	106	45 - 148	7.75	20	
Hexachlorobutadiene	62.7800	5.0	0.40	50.0000	ND	126	0 - 149	14.9	20	
Isopropylbenzene	59.5500	5.0	0.79	50.0000	ND	119	38 - 148	13.4	20	
m,p-Xylene	122.500	10	0.98	100.000	ND	122	43 - 146	12.0	20	
Methylene chloride	58.0200	5.0	2.2	50.0000	2.35000	111	51 - 139	5.11	20	
MTBE	47.3400	5.0	0.81	50.0000	ND	94.7	41 - 152	7.47	20	
n-Butylbenzene	61.4900	5.0	1.2	50.0000	ND	123	11 - 163	13.2	20	
n-Propylbenzene	60.4700	5.0	0.78	50.0000	ND	121	31 - 154	13.3	20	
Naphthalene	52.3000	5.0	1.1	50.0000	ND	105	0 - 266	14.2	20	
o-Xylene	59.2200	5.0	0.67	50.0000	ND	118	40 - 142	10.9	20	
sec-Butylbenzene	60.3800	5.0	0.63	50.0000	ND	121	20 - 161	11.2	20	
Styrene	58.5800	5.0	0.45	50.0000	ND	117	31 - 157	12.0	20	
tert-Amyl methyl ether	49.3300	5.0	1.1	50.0000	3.09000	92.5	20 - 179	10.7	20	
tert-Butanol	222.610	100	11	250.000	ND	89.0	6 - 173	8.75	20	
tert-Butylbenzene	59.7500	5.0	0.80	50.0000	ND	120	28 - 155	14.7	20	
Tetrachloroethene	60.5900	5.0	0.31	50.0000	ND	121	39 - 144	9.22	20	
Toluene	58.9000	5.0	0.27	50.0000	ND	118	10 - 179	11.8	20	
trans-1,2-Dichloroethene	61.2400	5.0	0.56	50.0000	ND	122	60 - 135	8.41	20	

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1G0366 - MSVOA_S (continued)										
Matrix Spike Dup (B1G0366-MSD1) - Continued			**Source: 2101579-02**			Prepared: 7/22/2021 Analyzed: 7/22/2021				
trans-1,3-Dichloropropene	53.6500	5.0	0.59	50.0000	ND	107	53 - 131	11.2	20	
Trichloroethene	61.5500	5.0	0.32	50.0000	ND	123	54 - 135	11.1	20	
Trichlorofluoromethane	52.9300	5.0	1.0	50.0000	ND	106	35 - 165	4.24	20	
Vinyl acetate	281.540	50	6.0	500.000	ND	56.3	0 - 180	4.83	20	
Vinyl chloride	32.7100	5.0	0.92	50.0000	ND	65.4	44 - 165	0.583	20	
Surrogate: 1,2-Dichloroethane-d4	*50.98*			*50.0000*		*102*	*66 - 200*			
Surrogate: 4-Bromofluorobenzene	*49.54*			*50.0000*		*99.1*	*50 - 146*			
Surrogate: Dibromofluoromethane	*50.39*			*50.0000*		*101*	*77 - 159*			
Surrogate: Toluene-d8	*50.15*			*50.0000*		*100*	*81 - 128*			

Certificate of Analysis

Stantec	Project Number : 2014217900
735 E. Carnegie Drive, Suite 280	Report To : Alicia Jansen
San Bernardino , CA 92408	Reported : 07/30/2021

Notes and Definitions

L4	Laboratory Control Sample outside of control limit but within Marginal Exceedance (ME) limit.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

Stantec

210579

CHAIN OF CUSTODY

Laboratory Project Number: _____

Page 1 of 1

Client Name/Address:	Project Manager:
Stantec Consulting Services Inc. **735 E. Carnegie Drive, Suite 280** **San Bernardino, CA 92408** **909-335-6116**	Alicia Jansen E-Mail Address: **debbie.hernandez@stantec.com** alicia.jansen@stantec.com
Laboratory:	Sampler Name: **Debbie Hernandez** Stantec Project Number: 20142179 00 Project: Toll brothers - Fremont

Sample Description/Identification	Sample Matrix	Preservative (see below)	# of Cont.	Sample Date	Sample Time	Filtered Sample	TPH by (G, D, O) 8015	VOCs (8260/5035)	HOICI								Special Instructions
B-01-1	Soil	ICE	1	7/20/21	1237		X	X									
B-01-5					1252		X	X									
B-02-1					1205		X	X									
B-02-5					1215		X	X									
B-03-6					1102				X								
B-03-10					1110		X	X									
B-04-5					1135				X								
B-04-10					1145		X	X									
B-05-5					1355				X								
B-05-10					145 1415		X	X									
B-06-5					1330				X								
B-06-10					1335		X	X									
WP-1	Soil	ICE	1	7/21/21	1045				X								

Turn Around Time:
Normal X
72 Hour:
48 Hour
24 Hour
Same Day:
Other:
Sample Temp °C: 5.2

Sample Preservative: **1**=ICE - **2**=HCl - **3**=H_2SO_4 - **4**=HNO_3 - **5**=NaOH - **6**=Other: _____

Special Instructions:

Relinquished By:	Date	Time	Received By + Company Name:	Date	Time
	7/21/21 ~~7/20/21~~ DH		Tiffany Ware	7-21-21	
Relinquished By + Company Name: Tiffany Ware	Date 7-21-21	Time 12:21	Received By + Company Name:	Date 7/21/21	Time 12:21
Relinquished By + Company Name:	Date	Time	Received By + Company Name:	Date	Time

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2840 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181
TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com
A KYZER LABS COMPANY

July 30, 2021

AETL Job No: BCG0262
Received Date: 07/27/2021
Project Number: 2101579

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755-5225
Telephone: (562) 989-4045

Attention: Arianna Campuzano

Project Name: 2101579
Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Corey Jones
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Project Number: 2101579
Work Order Number: BCG0262

1	Cover Letter	1
2	Sample Condition on Receipt	3
3	Chain of Custody	4
4	Cooler Receipt Form	7
5	Case Narrative	8
6	Samples Received	9
7	Positive Hits Summary	12
8	Analytical Results	13
9	Quality Control Results	21
10	Qualifiers and Definitions	23

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A KYZER LABS COMPANY

Advanced Technology Laboratories	AETL Job Number:	BCG0262	
3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Sample Condition on Receipt

Cooler ID: Default Cooler **Temperature: 5.0 °C**

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety without written approval of the laboratory.

ADVANCED TECHNOLOGY LABORATORIES

SUBCONTRACT ORDER

Work Order: 2101579 BCG0262

SENDING LABORATORY:

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Phone: 562.989.4045
Fax: 562.989.6348
Project Manager: Arianna Campuzano

Sampler: Debbie Hernandez

RECEIVING LABORATORY:

AETL
2840 North Naomi Street
Burbank, CA 91504
Phone :(818) 845-8200
Fax: (818) 845-8840
PO#: SC15840 - 24hour TAT

IMPORTANT : Please include Work Order # and PO # in your invoice.

QC Requirements:

- ☒ Routine
- ☐ RWQCB
- ☐ Caltrans
- ☐ Level IV*
- ☐ Legal
- ☐ Other: _____

* All Level IV sample containers (including empty ones) must be returned to ATL 30 days after receipt.

EDD Requirements:

- ☒ Standard Excel
- ☐ Geotracker EDF
- ☐ Other:

Analysis	Due	Expires	Sampled	Comments
ATL Lab#: 2101579-01 / B-01-1		**Solid**	**07/20/21 12:37**	**DRO / ORO** BCG0262-01
8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	08/03/21 12:37		
ATL Lab#: 2101579-02 / B-01-5		**Solid**	**07/20/21 12:52**	**DRO / ORO** BCG0262-02
8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	08/03/21 12:52		

Prepared by: _____ 7/27/21
Sample Control Technician — Date

Inspected by: _____ 7/27/21
Sample Control Lead — Date

Approved by: Arianna Campuzano 07/27/21
Dedicated ATL Project Manager — Date

_____	7/27/21	16:22	_____	7/27/21	1628
Released By ATL Sample Control	Date	Time	Received By Courier	Date	Time
_____	7/27/21	1735	_____		
Released By Courier	Date	Time	Received By Subcontract Laboratory	Date	Time
_____			_____	7/27/21	1735
Released By	Date	Time	Received By	Date	Time

ADVANCED TECHNOLOGY LABORATORIES

SUBCONTRACT ORDER

Work Order: 2101579

BCG0262

Analysis	Due	Expires	Sampled	Comments
ATL Lab#: 2101579-03 / **B-02-1** 8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	**Solid** 08/03/21 12:05	**07/20/21 12:05**	**DRO / ORO** BCG0262.03
ATL Lab#: 2101579-04 / **B-02-5** 8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	**Solid** 08/03/21 12:15	**07/20/21 12:15**	**DRO / ORO** BCG0262.04
ATL Lab#: 2101579-06 / **B-03-10** 8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	**Solid** 08/03/21 11:10	**07/20/21 11:10**	**DRO / ORO** BCG0262.05
ATL Lab#: 2101579-08 / **B-04-10** 8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	**Solid** 08/03/21 11:45	**07/20/21 11:45**	**DRO / ORO** BCG0262.06
ATL Lab#: 2101579-10 / **B-05-10** 8015_DRO [Diesel Range Organics] Glass Jar - 4 oz	**07/28/21 17:00**	**Solid** 08/03/21 14:15	**07/20/21 14:15**	**DRO / ORO** BCG0262.07

Prepared by: _____ 7/27/21
Sample Control Technician — Date

Inspected by: _____ 7/27/21
Sample Control Lead — Date

Approved by: _____ 07/27/21
Dedicated ATL Project Manager — Date

_____ 7/27/21 16:22
Released By ATL Sample Control — Date — Time

_____ 7/27/21 1622
Received By Courier — Date — Time

_____ 7/27/21 1735
Released By Courier — Date — Time

Received By Subcontract Laboratory — Date — Time

Released By — Date — Time

_____ 7/27/21 1735
Received By — Date — Time

ADVANCED TECHNOLOGY LABORATORIES

SUBCONTRACT ORDER

Work Order: 2101579

BCG0262

Analysis	Due	Expires	Sampled	Comments
ATL Lab#: 2101579-12 / B-06-10		**Solid**	**07/20/21 13:35**	**DRO / ORO** BCG0262.08
8015_DRO	**07/28/21 17:00**	08/03/21 13:35		
[Diesel Range Organics]				
Glass Jar - 4 oz				

Prepared by: _____ 7/27/21
Sample Control Technician — Date

Inspected by: _____ 7/27/21
Sample Control Lead — Date

Approved by: _____ 07/27/21
Dedicated ATL Project Manager — Date

_____ 7/27/21 16:22
Released By ATL Sample Control — Date — Time

_____ 7/27/21 1622
Received By Courier — Date — Time

_____ 7/27/21 1735
Released By Courier — Date — Time

Received By Subcontract Laboratory — Date — Time

Released By — Date — Time

_____ 7/27/21 1735
Received By — Date — Time

American Environmental Testing Laboratory Inc.
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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: ATL

Project Name:

AETL Job Number: BCG0762

Date Received: 7/27/21 Received by: Sanjit Pillai

Carrier: ☐ AETL Courier ☑ Client ☐ GLS ☐ FedEx ☐ UPS
☐ Others:

Samples were received in: ☑ Cooler (1) ☐ Other (Specify):

Inside temperature of shipping container No 1: 5 °C, No 2: _____, No 3: _____

Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ Wide mouth jars, ☐ HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify):

How are samples preserved: ☐ None, ☑ Ice, ☐ Blue Ice, ☐ Dry Ice
☐ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$, ☐ MeOH, ☐ $NaHSO_4$
☐ Other (Specify):

	Yes	No*	N/A	Name, if client was notified.
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace?			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

***Explain all "No" answers for above questions:**

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A KYZER LABS COMPANY

Advanced Technology Laboratories	AETL Job Number:	BCG0262	
3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

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3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Samples Received

AETL received the following samples on 07/27/2021 with the following specifications

Client ID	Sample Date
B-01-1	07/20/2021 12:37

Lab ID	Matrix	Quantity of Containers
BCG0262-01	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID	Sample Date
B-01-5	07/20/2021 12:52

Lab ID	Matrix	Quantity of Containers
BCG0262-02	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID	Sample Date
B-02-1	07/20/2021 12:05

Lab ID	Matrix	Quantity of Containers
BCG0262-03	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID	Sample Date
B-02-5	07/20/2021 12:15

Lab ID	Matrix	Quantity of Containers
BCG0262-04	Soil	1

Method	Analyte	Units	TAT

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3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Samples Received
(Continued)

AETL received the following samples on 07/27/2021 with the following specifications

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID: B-03-10 **Sample Date:** 07/20/2021 11:10

Lab ID	Matrix	Quantity of Containers
BCG0262-05	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID: B-04-10 **Sample Date:** 07/20/2021 11:45

Lab ID	Matrix	Quantity of Containers
BCG0262-06	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Client ID: B-05-10 **Sample Date:** 07/20/2021 14:15

Lab ID	Matrix	Quantity of Containers
BCG0262-07	Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

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3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Samples Received

(Continued)

AETL received the following samples on 07/27/2021 with the following specifications

Client ID			Sample Date
B-06-10			07/20/2021 13:35
Lab ID		**Matrix**	**Quantity of Containers**
BCG0262-08		Soil	1

Method	Analyte	Units	TAT
EPA 8015B TPH DRO/ORO	TPH as Diesel and Oil Range Organics using GCFID	mg/kg	1

Total Number of Samples received: 8

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Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Positive Hits Summary

Lab ID	Client ID					Sampled
Method	Analyte	Result	Qualifier	Unit		Analyzed

No positive results reported

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3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-01-1**

Lab ID: **BCG0262-01 (Soil)** **Sampled:** **07/20/21 12:37**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 12:01	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 12:01	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*113%*				*75-125*		07/28/21 10:02	*07/29/21 12:01*	B1G0571	*TTN*	3550B

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3275 Walnut Avenue	Project Number:	2101579	
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	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-01-5**
Lab ID: **BCG0262-02 (Soil)** **Sampled:** **07/20/21 12:52**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 12:50	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 12:50	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*115%*				*75-125*		07/28/21 10:02	*07/29/21 12:50*	B1G0571	*TTN*	3550B

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Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: B-02-1
Lab ID: BCG0262-03 (Soil) **Sampled:** 07/20/21 12:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 13:38	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 13:38	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*110%*				*75-125*		07/28/21 10:02	*07/29/21 13:38*	B1G0571	*TTN*	3550B

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-02-5**

Lab ID: **BCG0262-04 (Soil)** **Sampled:** **07/20/21 12:15**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 14:25	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 14:25	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*115%*				*75-125*		07/28/21 10:02	*07/29/21 14:25*	B1G0571	*TTN*	3550B

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-03-10**

Lab ID: **BCG0262-05 (Soil)** **Sampled:** **07/20/21 11:10**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 15:12	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 15:12	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*115%*				*75-125*		07/28/21 10:02	*07/29/21 15:12*	B1G0571	*TTN*	3550B

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3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-04-10**

Lab ID: **BCG0262-06 (Soil)** **Sampled:** **07/20/21 11:45**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 15:57	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 15:57	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*116%*				*75-125*		07/28/21 10:02	*07/29/21 15:57*	B1G0571	*TTN*	3550B

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-05-10**

Lab ID: **BCG0262-07 (Soil)** **Sampled:** **07/20/21 14:15**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 16:42	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 16:42	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*117%*				*75-125*		07/28/21 10:02	*07/29/21 16:42*	B1G0571	*TTN*	3550B

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Analytical Results

Client ID: **B-06-10**

Lab ID: **BCG0262-08 (Soil)** **Sampled:** **07/20/21 13:35**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
TPH Diesel Range											
Method: EPA 8015B TPH DRO/ORO											
TPH as Diesel Range Organics (C10-C28)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 17:25	B1G0571	TTN	3550B
TPH as Oil Range Organics (C28-C40)	ND		1	1.62	5.00	mg/kg	07/28/21 10:02	07/29/21 17:25	B1G0571	TTN	3550B
	Recovery				Acceptance Criteria						
Surrogate: Chlorobenzene	*121%*				*75-125*		07/28/21 10:02	*07/29/21 17:25*	B1G0571	*TTN*	3550B

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Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B1G0571 - 3550B					**Prepared: 07/28/2021 10:02**						
Method Blank (B1G0571-BLK1)					**Analyzed: 07/28/2021 10:47**						
TPH as Diesel Range Organics (C10-C28)	ND	1.62	5.00	mg/kg							
Surrogate: Chlorobenzene	*103*			*mg/kg*	*100*		*103*	*75-125*			

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B1G0571 - 3550B (Continued)					**Prepared: 07/28/2021 10:02**						
LCS (B1G0571-BS1)					**Analyzed: 07/28/2021 15:39**						
TPH as Diesel (C13-C22)	525	1.62	5.00	mg/kg	500		105	75-125			
Surrogate: Chlorobenzene	*102*			*mg/kg*	*100*		*102*	*75-125*			
LCSD (B1G0571-BSD1)					**Analyzed: 07/28/2021 16:25**						
TPH as Diesel (C13-C22)	518	1.62	5.00	mg/kg	500		104	75-125	1.37	20	
Surrogate: Chlorobenzene	*103*			*mg/kg*	*100*		*103*	*75-125*			
Matrix Spike (B1G0571-MS1)		**Source: BCG0262-06**			**Analyzed: 07/29/2021 18:50**						
TPH as Diesel (C13-C22)	526	1.62	5.00	mg/kg	500	ND	105	75-125			
Surrogate: Chlorobenzene	*100*			*mg/kg*	*100*		*100*	*75-125*			
Matrix Spike Dup (B1G0571-MSD1)		**Source: BCG0262-06**			**Analyzed: 07/29/2021 19:32**						
TPH as Diesel (C13-C22)	519	1.62	5.00	mg/kg	500	ND	104	75-125	1.32	20	
Surrogate: Chlorobenzene	*105*			*mg/kg*	*100*		*105*	*75-125*			

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	Project Name:	2101579	Reported: 07/30/2021 09:59

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety without written approval of the laboratory.

Advanced Technology Laboratories	AETL Job Number:	BCG0262	
3275 Walnut Avenue	Project Number:	2101579	
Signal Hill, CA 90755-5225	Attention:	Arianna Campuzano	
	Project Name:	2101579	Reported: 07/30/2021 09:59

nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalant to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety without written approval of the laboratory.

Additional Phase II Environmental Site Assessment

235 South Tremont Street

Oceanside, California 92054

November 5, 2021

Prepared for:

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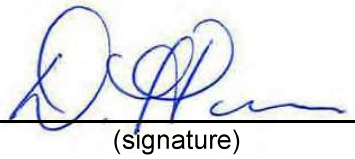
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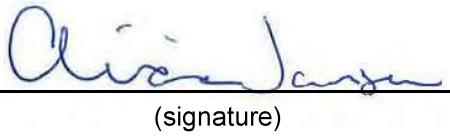
Project No.: 2014217900

ADDITIONAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

This document entitled Additional Phase II Environmental Site Assessment was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of Toll Brothers Apartment Living or "Toll Brothers," (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

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1.0 EXECUTIVE SUMMARY 1.1

2.0 INTRODUCTION 2.1
2.1 PROPERTY DESCRIPTION AND OPERATIONS 2.1
2.2 PROPERTY GEOLOGY AND HYDROGEOLOGY 2.1

3.0 BACKGROUND 3.1

4.0 FIELD INVESTIGATION 4.1
4.1 PRE-DRILLING ACTIVITIES 4.1
4.2 INVESTIGATION 4.1
4.2.1 Soil Boring Procedures 4.2
4.2.2 Soil Vapor Probe Installation 4.2
4.2.3 Soil Vapor Sampling 4.3
4.2.4 Field Equipment Cleaning Procedures 4.3

5.0 LABORATORY TESTING PROGRAM 5.1

6.0 INVESTIGATION RESULTS 6.1
6.1 FIELD OBSERVATIONS 6.1
6.2 ANALYTICAL RESULTS 6.1
6.2.1 Soil Results 6.1
6.2.2 Soil Vapor Results 6.1

7.0 HUMAN HEALTH RISK ASSESSMENT 7.1
7.1 OVERVIEW OF APPROACH 7.1
7.2 CONCEPTUAL SITE MODEL 7.1
7.2.1 GEOLOGY AND HYDROGEOLOGY 7.1
7.2.2 SURROUNDING PROPERTY USE 7.1
7.2.3 POTENTIAL SOURCES 7.2
7.2.4 POTENTIALLY EXPOSED POPULATIONS 7.2
7.2.5 POTENTIAL EXPOSURE PATHWAYS 7.2
7.2.6 EXPOSURE ASSESSMENT 7.2
7.2.7 EXPOSURE POINT CONCENTRATIONS 7.3
7.3 SELECTION OF TOXICITY VALUES 7.3
7.4 HUMAN HEATH RISK-BASED SCREENING LEVELS 7.4
7.4.1 Vapor Intrusion Screening Levels 7.4
7.4.2 Screening Levels used for Evaluation of Future Residential Soil-Direct Contact 7.4
7.5 RISK CHARACTERIZATION 7.5
7.6 RISK CHARACTERIZATION SUMMARY 7.5
7.7 DISCUSSION 7.6
7.8 UNCERTANTY ASSESSMENT 7.7

8.0 CONCLUSIONS AND RECOMMENDATIONS 8.9



9.0 LIMITATIONS 9.1

10.0 REFERENCES 10.2

LIST OF TABLES

Table 1 – Summary of Soil Analytical Results - VOCs and TPH
Table 2 – Summary of Soil Vapor Analytical Results

LIST OF FIGURES

Figure 1 – Property Location Map
Figure 2 – Property Details Map

LIST OF APPENDICES

Appendix A – Boring Logs
Appendix B – Laboratory Data Sheets

1.0 EXECUTIVE SUMMARY

Stantec Consulting Services Inc. (Stantec) has prepared this Additional Phase II Environmental Site Assessment (ESA) report for the property located at 235 South Tremont Street, Oceanside, California (the "Property", **Figure 1**), on behalf of Toll Brothers Apartment Living (Toll Brothers, the "Client"). The work performed herein was done in conformance the scope of work in the in accordance with Stantec's *Proposal to Perform Supplemental Phase II Environmental Site Assessment*, dated August 10, 2021.

The Property consists of approximately 11 acres of developed land at 235 South Tremont Street, in the City of Oceanside, California. The Property is currently developed with a North County Transit District's Oceanside Transit Center and associated parking lots. Surrounding properties are a mix of commercial, retail, and residential properties. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2.

Stantec completed a Phase I ESA for the Property which revealed the following evidence of recognized environmental conditions (RECs) in connection with the Property:

- **Historical Dry-cleaning Operations:** Historical records indicate an historic dry cleaner was located on the Property from at least the 1920s to 1960s. Soil vapor does not appear to have been assessed on the Property; therefore, the historical presence of the dry cleaner is considered to represent a REC for the Property. Stantec recommended that the former dry cleaner be assessed to evaluate if a release has occurred that would affect the residential development of the Property.

- **Historical Auto Service Operations:** A historic automotive repair/ gasoline station identified as Seaside Oil company was present at the Property from at least the 1950s to 1960s in the southwest corner of the Property. Soil and soil vapor do not appear to have been assessed on the Property at the location of the former historic automotive repair/ gasoline station. Therefore, this historic facility represents a REC to the Property and further assessment is recommended to evaluate if a release has occurred that would affect the residential development of the Property.

- **Nearby Facilities:** Eighteen historic automotive repair facilities are listed with 500 feet of the Property, and 16 historic dry cleaners are listed within 800 feet of the Property, five of which have had historic releases reported. Additionally, a former railroad at 117 South Cleveland Street (approximately 88 feet northwest) is listed in the State Water Resources Control Board's (SWRCB's) Geotracker website as a Leaking Underground Storage Tank (LUST) Cleanup Site with a status of 'Completed – Case Closed' as of 12/30/1993. These facilities represent a vapor encroachment condition (VEC) to the subject Site. Stantec would recommend assessment of soil vapor on the Property to evaluate if these neighboring properties are affecting the Site.

To investigate these RECs and the VEC, Stantec performed a Phase II ESA at the Property in June 2021. Results of the Phase II ESA are described below.

Initial Phase II ESA Results

On July 20 and July 21, 2021, Stantec oversaw the advancement of fourteen (14) soil borings (B-01 through B-14) and at each boring locations a soil vapor probe was installed at 5-feet below ground surface (bgs). Two additional borings (B-3 and B-4) were further advanced to 10-feet bgs and had additional soil vapor probes installed at the 10-feet bgs interval. All borings advanced during this investigation are depicted on **Figure 2**.

The completed assessment did not detect concentrations of total petroleum hydrocarbons (TPH) or volatile organic compounds (VOCs) in any of the soil samples collected and submitted for laboratory analysis.

In the soil vapor samples collected and analyzed, TPH in the gasoline range organics (GRO) was detected in 10 of the 14 borings exceeding the initial residential screening level using an 0.03 attenuation factor equal to 3,300 ug/m^3. Tetrachloroethene (PCE) was detected in 9 of the 14 borings with 6 of the borings exceeding the initial residential screening level using a 0.03 attenuation factor equal to 15.3 ug/m^3. Toluene was detected in 5 of the 14 soil vapor samples at concentrations significantly below the initial residential screening level using a 0.03 attenuation factor, equal to 10,333 ug/m^3.

To provide further delineation, Stantec performed an additional Phase II ESA at the Property in October 2021. Results of the Additional Phase II ESA are described below.

Additional Phase II ESA

On October 12 and 13, 2021, Stantec oversaw the advancement of nine (9) soil borings (B-15 through B-23) to approximately 15-feet bgs. Stantec was unable to advance any of the borings to a deeper depth due drill rig refusal from hard cobble fragments and rocks. Soil vapor probe was installed at each location at the borehole terminate depth which ranged from 9.5 to 15-feet bgs. All borings advanced during this investigation are depicted on **Figure 2**.

The soil samples collected from these soil borings did not detect TPH or VOCs in any of the soil samples collected and submitted for laboratory analysis.

TPH-GRO was detected in all 9 borings with 5 of the soil vapor samples (B-15-5; B-22-5; B-22-10; B-23-5; and B-23-10) exceeding the initial residential screening level using an 0.03 attenuation factor equal to 3,300 ug/m^3. Benzene was detected in two soil vapor samples (B-5-5 and B-5-12) at 10 ug/m^3 which is above the residential screening level using an 0.03 attenuation factor equal to 3.2 ug/m^3. PCE was detected in 7 of the 9 borings with 4 of the borings exceeding the initial residential screening level using a 0.03 attenuation factor equal to 15.3 ug/m^3. Toluene was detected in 5 of the 9 borings at concentrations significantly below the initial residential screening level using a 0.03 attenuation factor, equal to 10,333 ug/m^3.

Human Health Risk Assessment

The data set was evaluated to conduct the human health risk assessment (HHRA). That data set included twenty-four soil vapor samples collected from depths of 5-feet, and 10-feet or greater bgs at 20 locations



in July and October 2021. Soil vapor data collected from these locations were used to evaluate a reasonable maximum exposure (RME) scenario under the proposed future residential use on a sample point-by-point basis.

A range of potential vapor intrusion risks was estimated by comparing all results against human health risk-based soil vapor screening levels derived by dividing indoor air screening levels representing no unacceptable cancer risk or non-cancer hazards established either by DTSC or the U.S. Environmental Protection Agency for residential use properties, by either the DTSC default attenuation factor 0.001 for future residential buildings or as also recommended by DTSC, an attenuation factor of 0.03.

Use of screening levels derived using the DTSC default attenuation factor of 0.001 indicates that resident risks, are below the point-of-departure of 1 x $10^{-}6$ at both depths of 5-ft and 10+-ft indicating no unacceptable potential human health risk. The non-cancer hazard indices (HI) are all well below the target of 1.

Use of screening levels derived using the excessively conservative 0.03 attenuation factor (see Section 3.12 for discussion) indicates that residential cancer risks are above the 1 x 10^{-6} point-of-departure at 5-feet bgs at three locations. Residential risks for samples collected at 10+-feet bgs exceed the point of departure at two locations (B-22-10 and B-22-15). Non-cancer hazards are below the target of 1 at all locations and sample depths.

It should be noted that when considering placement of a vapor mitigation system at locations where risks are above 1E-06 (one-in-one million) using screening levels based on an attenuation factor of 0.03 that excavation of a subterranean parking garage would likely result in further reductions in soil vapor concentrations within the garage footprint due to volatilization and transport to the atmosphere. Moreover, in California, underground parking garages are subject to specific ventilation requirements (CCR Title 24) that could dilute chemicals entering the garage from the subsurface.

Conclusions

The soil samples collected from the subsurface in the identified potential source areas have not identified soil impacts above laboratory detection levels. Therefore, Stantec has not identified soil impacts on the property that would require remedial action or special handing or off-site disposal to date. Stantec does recommend that a soil management plan (SMP) be prepared for the Site. That plan would present procedures to be used in the event that unknown structures (i.e., underground storage tanks, sumps, etc.) or soil contamination are encountered during the earth moving activities.

Based on the soil vapor results, there does not appear to be an excess risk due to the detected concentrations. This is also based on the concept that DTSC uses the 0.03 attenuation factor screening levels only for definition of vapor limits. The plume limits have been defined on the property by the new sample points to concentrations below the 0.03 attenuation factor levels. No detections on the Property exceed the 0.001 risk-based screening level used by DTSC to define if a risk to vapor intrusion exists. In addition, under the low threat closure policy enforced by California, TPH related compounds are subject to



bio-attenuation adjustments to the screening levels. Based on those adjustments to the screening levels, no TPH-GRO was detected above the adjusted screening levels on the Property. In addition, site grading should reduce the detected concentrations of TPH-GRO in soil vapor in the near surface soils. Therefore, Stantec has not identified a soil vapor issue on the Property that would require further action or vapor protection for the planned development and recommends no further action related to the detected soil vapors.

Stantec understands that the planned development will involve the excavation of up to 30 feet of soil to construct a subterrain parking structure below the planned building. The removal of this soil should remove from the property the detected soil impact reported to date. Due to subsurface conditions encountered (rock and dense soil) no soil vapor concentrations have been reported below 20 feet in depth. The detected concentrations do not indicate that increasing concentrations is occurring with depth that would indicate a deep source exists, however the SMP should be used to guide the excavation in the event that unknown impacts are encountered.

Stantec does recommend that the elevator shafts be sealed to prevent any potential vapor intrusion into those structures that could then be delivered to the upper floors of the overlying building. This is a precaution; no soil vapor data has been obtained that would direct this vapor protection is required. In addition, Stantec recommends that the required parking structure ventilation occur in compliance with government regulation in the event that soil vapor impacts differ from those detected by the completed investigations.

The preceding summary is intended for information purposes; reading the body of the report is recommended.

2.0 INTRODUCTION

Stantec Consulting Services Inc. (Stantec) has prepared this Phase II Environmental Site Assessment (ESA) report for the property located at 235 South Tremont Street, City of Oceanside, County of San Diego, California (the "Property", Figure **1**), on behalf of Toll Brothers Apartment Living (the "Client"). The assessment activities presented in this report were completed in accordance with Stantec's *Proposal to Perform Phase II Environmental Site Assessment*, dated February 17, 2021. This assessment was performed based on findings of a Phase I ESA performed for the Property by Stantec in March 2021.

2.1 PROPERTY DESCRIPTION AND OPERATIONS

The Property consists of approximately 11 acres of developed land at 235 South Tremont Street, in the City of Oceanside, California. The Property is currently developed with a North County Transit District's Oceanside Transit Center and associated parking lots. Surrounding properties are a mix of commercial, retail, and residential properties. A Property location map is illustrated on **Figure 1**. A Property map illustrating the main features of the Property is provided as **Figure 2**.

The Property is identified by Assessor's Parcel Numbers (APNs) 760-186-08-00, 760-186-09-00, 760-186-11-00, 150-043-01-00, 150-043-02-00, 150-043-03-00, 150-043-04-00, 150-043-05-00, 150-043-06-00, 150-046-17-00, 150-046-01-00, 150-046-02-00, 150-046-03-00, 150-046-04-00, 150-046-05-00, 150-046-06-00, 150-046-07-00, and 150-046-08-00.

2.2 PROPERTY GEOLOGY AND HYDROGEOLOGY

The Property elevation is approximately 54 feet amsl with general topographic gradient to the west-southwest (EDR, 2021). Based on the topography, surface water on the Property is expected to flow to the west-southwest.

The Property is located in San Diego County within the Peninsular Ranges Geomorphic Province of Southern California. The province contains mountain ridges that run northwest to southeast, parallel to the San Andreas and associated fault lines. The Peninsular Ranges generally are composed of granite and metamorphic rock from the Peninsular Ranges batholith, with sedimentary rock from the Cretaceous to the Pleistocene Ages forming the San Diego embayment and terraces along the coast west of the batholith (Partner, 2017).

According to the USGS 7.5-minute Oceanside, California Quadrangle, contour lines indicate a slight slope to the southwest, with general groundwater flow likely being to the southwest. The closest surface water is the Pacific Ocean, located approximately 1/3 mile to the west. Groundwater from a site located ¾ mile south of the Property was measured to be approximately 37 to 40 feet bgs with a flow to the southwest (Partner, 2017).

3.0 BACKGROUND

Stantec completed a Phase I ESA for the Property which revealed the following evidence of recognized environmental conditions (RECs) in connection with the Property:

- **Historical Dry-cleaning Operations:** Historical records indicate an historic dry cleaner was located on the Property from at least the 1920s to 1960s. Soil vapor does not appear to have been assessed on the Property; therefore, the historical presence of the dry cleaner is considered to represent a REC for the Property. Stantec recommended that the former dry cleaner be assessed to evaluate if a release has occurred that would affect the residential development of the Property.

- **Historical Auto Service Operations:** A historic automotive repair/ gasoline station identified as Seaside Oil company was present at the Property from at least the 1950s to 1960s in the southwest corner of the Property. Soil and soil vapor does not appear to have been assessed on the Property at the location of the former historic automotive repair/ gasoline station. Therefore, this historic facility represents a REC to the Property and further assessment is recommended to evaluate if a release has occurred that would affect the residential development of the Property.

- **Nearby Facilities:** Eighteen historic automotive repair facilities are listed with 500 feet of the Property, and 16 historic dry cleaners are listed within 800 feet of the Property, five of which have had historic releases reported. Additionally, a former railroad at 117 South Cleveland Street (approximately 88 feet northwest) is listed in the State Water Resources Control Board's (SWRCB's) Geotracker website as a Leaking Underground Storage Tank (LUST) Cleanup Site with a status of 'Completed – Case Closed' as of 12/30/1993. These facilities represent a vapor encroachment condition (VEC) to the subject Site. Stantec would recommend assessment of soil vapor on the Property to evaluate if these neighboring properties are affecting the Site.

To investigate these RECs and the VEC, Stantec performed a Phase II ESA at the Property in June 2021. Results of the Phase II ESA are described below.

Initial Phase II ESA Results

On July 20 and July 21, 2021, Stantec oversaw the advancement of fourteen (14) soil borings (B-01 through B-14) and at each boring locations a soil vapor probe was installed at 5-feet below ground surface (bgs). Two additional borings (B-3 and B-4) were further advanced to 10-feet bgs and had additional soil vapor probes installed at the 10-feet bgs interval. All borings advanced during this investigation are depicted on **Figure 2**.

The completed assessment did not detect concentrations of total petroleum hydrocarbons (TPH) or volatile organic compounds (VOCs) in any of the soil samples collected and submitted for laboratory analysis.

In the soil vapor samples collected and analyzed, TPH in the gasoline range organics (GRO) was detected in 10 of the 14 borings exceeding the initial residential screening level using an 0.03 attenuation factor equal to 3,300 ug/m^3. Tetrachloroethene (PCE) was detected in 9 of the 14 borings with 6 of the borings

exceeding the initial residential screening level using a 0.03 attenuation factor equal to 15.3 ug/m^3. Toluene was detected in 5 of the 14 soil vapor samples at concentrations significantly below the initial residential screening level using a 0.03 attenuation factor, equal to 10,333 ug/m^3.

To provide further delineation, Stantec performed an additional Phase II ESA at the Property in October 2021. Results of the Additional Phase II ESA are described below.

4.0 FIELD INVESTIGATION

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

4.1 PRE-DRILLING ACTIVITIES

- Stantec visited the Property to mark the proposed boring locations. Subsequent to the marking, Stantec notified Underground Service Alert (USA) of Southern California at least 48-hours prior to the commencement of drilling activities; and,
- In accordance with federal Occupational Safety and Health Administration (OSHA) regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the Property. All Stantec personnel and subcontractors associated with the project were required to be familiar with and comply with all provisions of the HASP.

4.2 INVESTIGATION

On October 12 and 13, 2021, Stantec oversaw the advancement of nine (9) soil borings (B-15 through B-23). Stantec was unable to advance any of the borings to the proposed 30-feet depth due drill rig refusal from hard cobble fragments and rocks encountered at the Property. Soil vapor probe was installed at each location at the borehole terminate depth which ranged from 9.5 to 15-feet bgs. All borings advanced during this investigation are depicted on **Figure 2**. All work was conducted under the direct oversight of a State of California professional and included the following:

Boring ID	Terminal Depth (feet bgs)	Soil Sampling Depth	Soil Vapor Probe Depth (feet bgs)
B15	13	13	5, 12
B-16	9.5	5	5, 9
B-17	15.5	15	5, 10, 15
B-18	13.5	15	5, 10, 13
B-19	14.8	15	5, 10, 14.5
B-20	14	14	5, 10, 13.5
B-21	14	14	5, 10, 13.5
B-22	15	15	5, 10, 15
B-23	14	14	5, 10, 14

4.2.1 Soil Boring Procedures

A hand auger was used for utility clearance purposes to a depth of five feet bgs at all borings B-15 through B-23. Soil samples collected within this interval were discharged directly from the hand auger into laboratory-provided pre-cleaned eight-ounce glass jars outfitted with Teflon ® -lined lids. All soil samples were labeled with the appropriate identifying information (boring location, depth, sample collection time, sample collection date, logged onto a chain-of-custody, and stored in an ice-filled cooler pending delivery to the analytical laboratory.

Once the five-foot depth was reached, advancement of borings B-15 through B-23 was performed using a Geoprobe direct push rig. During advancement, sampling of subsurface soils was performed starting at a depth of approximately 5-feet bgs. All of the direct push borings were advanced and sampled using a Geoprobe 6610T rig equipped with 4-foot-long by 1.25-inch inner-diameter sampler with acetate sample liners to the terminal depth of the borehole.

At each sampling interval, the sampler was driven into undisturbed soil using a hydraulic ram on the Geoprobe rig. Upon advancement of the sampler through the desired sampling depth interval, the sample liner was retrieved from the boring. The drilling and sampling sequences was then repeated at 5 feet intervals for the entire depth of the boring to a final maximum depth of approximately 15.5-feet bgs.

The soils from each of the direct push borings were visually examined by Stantec field personnel who classified the soils in accordance with the Unified Soil Classification System (USCS). A photo-ionization detector (PID) was used to monitor/field screen the soils collected.

4.2.2 Soil Vapor Probe Installation

At the completion of drilling to target depth, soil vapor points were installed at borings B-15 through B-23 at the 5-foot interval at each boring; between 9 and 12-foot interval at borings B-15 through B-23; and between 13 and 15-foot interval at borings B-17 through B-23. Subsurface soil vapor probe installation was performed in accordance with the July 2015 DTSC “Advisory - Active Soil Gas Investigations” (DTSC Advisory).

Each sample probe was constructed with a 1-inch-long Airstone sampling screen set at the prescribed sampling intervals. Each of the sampling screens was constructed with a permeable Airstone vapor tip connected to ¼-inch outer diameter Nylaflow tubing that was lowered to the bottom of the borehole and backfilled with filter sand, until approximately 12-inches of filter pack was placed. A transition seal consisting of approximately 12-inches of dry bentonite was then placed above the filter pack, followed by an annular seal consisting of hydrated bentonite until the next sampling interval was reached. The sequence was then repeated to install the second monitoring point, and/ or completely backfill the borehole. At the surface, the exposed nylon tubing was capped with tight fitting plastic endcaps and labeled to indicate sampling depth and covered with plastic sheeting to protect against rainfall events.

4.2.3 Soil Vapor Sampling

Soil vapor samples were collected on October 19 and 20, 2021, in accordance with the methods and procedures outlined by the DTSC Advisory, a minimum of 48-hours after installation in order to allow for equilibration.

Prior to sampling, a shut-in test was conducted on the sampling train to ensure all connections and fittings were airtight. The shut-in test was performed on the sampling train by applying a vacuum of 100 inches of water to the sampling train and monitoring magnehelic gauges for a pressure drop for one minute. If loss of vacuum was observed, the fittings were adjusted as needed until no vacuum loss was observed during subsequent shut-in tests.

After the sampling equipment passed the shut-in test, the probes were purged using an air pump outfitted with a low-flow module to remove internal air from the sample train (calculated from the internal volume of the tubing and probe tip); the void space of the sand pack around the probe tip; and the void space of the dry bentonite (in the annular space). Three internal volumes were purged from each sampling location at a rate less than 200 milliliters per minute (ml/min).

Immediately following purging the internal volumes, the soil vapor samples were collected into glass syringes at a flow rate not exceeding 200 ml/min and delivered to an on-site mobile laboratory for analyses. A tracer compound of Isopropanol (IPA) was placed above the surface seal and along the sampling train to evaluate the integrity of the seal. No tracer compounds were detected in the soil vapor samples collected during this investigation. Soil vapor sample analysis is discussed in Section 5.0.

4.2.4 Field Equipment Cleaning Procedures

To maintain quality control during drilling operations, all drill rods and reusable soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse. The disposable acetate soil sample liners were used for one sampling interval and then discarded.

5.0 LABORATORY TESTING PROGRAM

Soil samples collected during this investigation were delivered under chain of custody to Environmental Treatment & Technology Inc., dba Advanced Technology Laboratories (ATL), located in Signal Hill, California. Soil samples were submitted for potential analyses of total petroleum hydrocarbons (TPH gasoline), and volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) test methods 8015B and 8260B, respectively.

Soil vapor samples collected during this investigation were delivered under chain of custody and analyzed by an on-site mobile laboratory, operated by A&R Laboratories, Inc., based out of Ontario, California. All soil vapor samples were submitted for analysis of VOCs and $TPH_{GRO(C4-C12)}$ by USEPA test method 8260B, and LUFT GCMS, respectively. The laboratory data report is attached as **Appendix B**.

Soil vapor concentrations are reported and discussed in units of micrograms per cubic meter ($\mu g/m^3$), evaluated using an attenuation factor (AF) of 0.03 for residential screening levels and an attenuation factor of 0.001 for commercial screening levels, and summarized in **Table 2.**

6.0 INVESTIGATION RESULTS

6.1 FIELD OBSERVATIONS

On October 12 and 13, 2021, Stantec oversaw the advancement of nine (9) soil borings (B-15 through B-23) to approximately 15-feet bgs. All borings advanced during this investigation are depicted on **Figure 2**.

Soils encountered during this assessment consisted predominately of poorly graded and silty sands underlain by gravelly clays and gravelly silts to 15.5 feet below ground surface (bgs), the maximum depth explored during this investigation. Stantec was unable to advance any of the borings to a deeper depth due drill rig refusal from hard cobble fragments and rocks. PID readings were measured up to 1.1 parts per million by volume (ppmV) at location B-15 at 13 feet bgs. Soil boring logs are included in **Appendix A**.

6.2 ANALYTICAL RESULTS

Laboratory analytical test results from this assessment are attached as **Appendix B**. The laboratory test results from this investigation are discussed below and were compared to the more conservative value between the DTSC Human and Ecologic Risk Office (HERO), Note 3 screening levels for residential land use (DTSC, 2020), and the USEPA Regional Screening Levels (RSLs) for residential sites (USEPA, 2021). Total petroleum hydrocarbons (TPH) results were compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs).

6.2.1 Soil Results

There were no detections of total petroleum hydrocarbons (TPH) or volatile organic compounds (VOCs) in any of the soil samples collected and submitted for laboratory analysis. All soil results are reported and discussed in units of milligrams per kilogram (mg/kg) and summarized in **Table 1**.

6.2.2 Soil Vapor Results

TPH-GRO was detected in all 9 borings with 5 of the soil vapor samples (B-15-5; B-22-5; B-22-10; B-23-5; and B-23-10) exceeding the initial residential screening level using an 0.03 attenuation factor equal to 3,300 ug/m^3. Benzene was detected in two soil vapor samples (B-5-5 and B-5-12) at 10 ug/m^3 which is above the residential screening level using an 0.03 attenuation factor equal to 3.2 ug/m^3. PCE was detected in 7 of the 9 borings with 4 of the borings exceeding the initial residential screening level using a 0.03 attenuation factor equal to 15.3 ug/m^3. Toluene was detected in 5 of the 9 borings at concentrations significantly below the initial residential screening level using a 0.03 attenuation factor, equal to 10,333 ug/m^3. Soil vapor results are summarized in **Table 2**.

7.0 HUMAN HEALTH RISK ASSESSMENT

7.1 OVERVIEW OF APPROACH

The risk assessment (RA) approach used to conduct this human health risk assessment (HHRA) is consistent with current guidance within the state of California (DTSC 2014) and is conservative to minimize the possibility of underestimating potential human health risks. To ensure a health protective (i.e., conservative) approach, a reasonable maximum exposure (RME) scenario was evaluated for the identified receptors. Risks and hazards were estimated using a deterministic approach developed based on site information that identifies potential receptors and potentially complete exposure pathways for risk characterization.

7.2 CONCEPTUAL SITE MODEL

A key step in the HHRA process is the development of a Conceptual Site Model (CSM) that identifies the likely contaminant source areas, exposure pathways, and potential receptors. The CSM for human health presents potentially complete and incomplete current and future exposure pathways for the Site. The CSM is a dynamic model that is used to include or exclude sources of COPCs, receptors, or exposure pathways based on site history and current information.

7.2.1 GEOLOGY AND HYDROGEOLOGY

The Property elevation is approximately 54 feet amsl with general topographic gradient to the west-southwest (EDR, 2021). Based on the topography, surface water on the Property is expected to flow to the west-southwest.

The Property is in San Diego County within the Peninsular Ranges Geomorphic Province of Southern California. The province contains mountain ridges that run northwest to southeast, parallel to the San Andreas and associated fault lines. The Peninsular Ranges generally are composed of granite and metamorphic rock from the Peninsular Ranges batholith, with sedimentary rock from the Cretaceous to the Pleistocene Ages forming the San Diego embayment and terraces along the coast west of the batholith (Partner, 2017).

According to the USGS 7.5-minute Oceanside, California Quadrangle, contour lines indicate a slight slope to the southwest, with general groundwater flow likely being to the southwest. The closest surface water is the Pacific Ocean, located approximately 1/3 mile to the west. Groundwater from a site located ¾ mile south of the Property was measured to be approximately 37 to 40 feet bgs with a flow to the southwest (Partner, 2017).

7.2.2 SURROUNDING PROPERTY USE

Surrounding properties are a mix of commercial, retail, and residential properties.

7.2.3 POTENTIAL SOURCES

Potential sources of near surface and subsurface impacts have been identified in Section 3.0.

7.2.4 POTENTIALLY EXPOSED POPULATIONS

Redevelopment of the Property for residential use is planned. As such, residents are the potentially exposed population under the proposed use.

7.2.5 POTENTIAL EXPOSURE PATHWAYS

An exposure pathway is the route that a chemical takes from the source to an exposed individual. An exposure pathway generally consists of the following four elements (EPA, 1989):

- A source and mechanism of chemical release to the environment
- An environmental transport medium (e.g., soil, water, or soil vapor)
- An exposure point, or point of potential human contact, with the contaminated medium
- An exposure route (e.g., ingestion) at the point of human contact

If any of the above elements are missing, the pathway is considered incomplete, and exposure does not occur.

No proposed site plans have been provided to Stantec and as such, resident direct contact with residual contaminants in surface soils is considered a potentially complete exposure pathway. Post-construction direct contact with soils by outdoor commercial workers may occur during maintenance activities but on a short-term basis. This pathway is considered potentially complete.

Inhalation of residual subsurface contaminants in the vapor phase that may enter the building is considered a complete exposure pathway.

Direct contact with groundwater is not considered a complete exposure pathway since potable water is provided to the site by the City of Oceanside.

7.2.6 EXPOSURE ASSESSMENT

Exposure is defined in the USEPA risk assessment guidelines as the contact of a receptor with a chemical or physical agent (USEPA, 1989 and 1992). The goal of the exposure assessment is to identify and quantify known and hypothetical exposure pathways relevant to an assessment of human health risk at a Site, and to determine the quantities or exposure doses or exposure concentrations of COPCs received by the potentially exposed populations.

7.2.6.1 IDENTIFICATION OF CHEMICALS OF POTENTIAL CONCERN (COPCS)

Soil Vapor

Three VOCs (PCE, toluene, and TPHg) were detected previously and in at least one soil vapor samples collected since July 2021 and have been selected as chemicals of potential concern (COPCs) and carried forward for quantitative evaluation (see **Table 2**).

Soil

VOCs were not detected in soil samples collected from July 2021 and October 2021. and are not evaluated further.

7.2.7 EXPOSURE POINT CONCENTRATIONS

The Exposure Point Concentration (EPC) is the concentration of a COPC that could be contacted by a receptor during the assumed duration of exposure. EPCs for soil vapor represent the maximum chemical concentration reported in all samples.

7.3 SELECTION OF TOXICITY VALUES

Potential toxic effects of chemicals are generally classified as carcinogenic (i.e., cancer causing), or non-carcinogenic (i.e., non-cancer health effects). These endpoints are separately quantified in HHRAs as cancer risks and non-cancer health effects, respectively. Toxicity values numerically express the magnitude of potential toxic effects of chemicals. Reference doses (RfDs) and reference concentrations (RfCs) are used to quantify non-cancer health effects, and cancer slope factors (SFs) and inhalation unit risks (IURs) are used to quantify cancer risks. Both cancer and non-cancer endpoints may be evaluated for carcinogenic chemicals depending on the chemicals' toxic effects and availability of RfDs/RfCs.

In accordance with the September 4, 2018, *Toxicity Criteria for Human Health Risk Assessments, Screening Levels, and Remediation Goals* rule, (California Code of Regulations, title 22, Chapter 50 Section 68400.5 and Chapter 51 Sections 69020, 69021, and 69022), the following hierarchy of toxicity sources were used in selecting individual chemical screening levels in this SLHHRA:

- OEHHA peer-reviewed unit risk factors and chronic reference exposure levels as provided in the OEHHA Toxicity Criteria Database.
- USEPA Integrated Risk Information System (IRIS)

For COPCs, listed in both sources, the more conservative (protective) toxicity values from the most current version of the U.S. EPA RSL tables (U.S. EPA November 2019) or the Toxicity Criteria Database (TCDB; CalEPA, last searched in September 2020) were used.

7.4 HUMAN HEATH RISK-BASED SCREENING LEVELS

7.4.1 Vapor Intrusion Screening Levels

This HHRA used screening levels calculated using standardized equations that combine conservative exposure assumptions with U.S. EPA or Cal/EPA toxicity data. U.S. EPA Regional Screening Levels (RSLs) are concentrations that the U.S. EPA considers to be protective of human health (including sensitive groups) over a lifetime. These values are intended to be protective; however, they are calculated without site-specific information and are not always applicable for every site.

The EPA maintains a list of RSLs which are updated semi-annually (i.e., spring and fall). RSLs are risk-based concentrations derived from standardized equations developed for U.S. EPA's Superfund program.

Cal/EPA Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) maintains a list of screening levels established for ambient (indoor) air that are presented in Human Health Risk Assessment (HHRA Note 3). The most recent version, released in June 2020, makes recommendations on the use of U.S. EPA RSLs for tap water, soil and air (both for residential and industrial/commercial use) and provides alternate values to be used in lieu of RSLs for some compounds (Cal/EPA 2019). HERO Note 3 includes tables for compounds with air screening levels specific to California. For chemicals not listed, the EPA RSLs should be used.

Screening levels for soil vapor are not provided by DTSC in HERO Note 3 but were calculated by dividing the indoor air screening level by either the DTSC default soil vapor to indoor air attenuation factor of 0.001 established for future residential buildings (DTSC 2011) or, as recommended in HERO Note 3, an attenuation factor of 0.03 for both sub-slab soil vapor and "near-source" soil vapor to assist with risk management decisions.

For generic TPH, the California Regional Water Quality Control Board-San Francisco Bay Region (RWQCB-SFBR) has developed soil vapor Environmental Screening Levels (ESLs) that are derived by dividing the indoor air ESL by their default attenuation factor of 0.03 which is used by U.S. EPA in their vapor intrusion screening level (VISL) calculator. These ESLs are intended to be used where carbon range fractionation used to derive U.S. EPA RSLs for petroleum has not been performed.

7.4.2 Screening Levels used for Evaluation of Future Residential Soil-Direct Contact

Multiple analyses for TPH, have been conducted using different analytical methods since 1998. The reported results have been compared to petroleum screening levels that have changed with time and analytical method used making comparison challenging. The carbon range fractionation may overlap causing the possibility for double counting. DTSC has agreed to the use of Environmental Screening Levels (ESLs) for TPH-GRO, DRO and ORO, developed by the RWQCB-SFBR instead of the U.S. EPA RSLs (see DTSC October 20, 2021-Appendix B). TPH ESLs are set at a concentration such that exposure will not result in a non-carcinogenic hazard greater than 1. For residential use properties, this results in a soil TPH-GRO ESL of 430 milligrams per kilogram (mg/kg); an ESL for TPH-DRO of 260 mg/kg; and an ESL of 12,000 mg/kg for TPH-ORO. Thus, direct contact with residual concentrations of these TPH groups at less



than their respective ESLs would not represent an unacceptable non-cancer hazard to a residential receptor.

7.5 RISK CHARACTERIZATION

For this HHRA, potential human health risks for future residential receptors associated with exposure to the COPCs in soil and soil vapor were estimated using a hypothetical composite Zone 1-wide sample containing the maximum concentrations each COPC to the most protective carcinogenic or non-carcinogenic screening levels (SLs) for each COPC as described in Section 3.7. All screening levels are based on a target Cancer Risk (CR) of 1E-06 and a target hazard index (HI) = 1.

Theoretical cancer risks and non-cancer hazard quotients (HQs) for each chemical in soil and soil vapor were quantified by multiplying the ratio of each detected chemical concentration or in the case of not-detected chemicals, the laboratory reporting limit (LRL), to the carcinogenic or non-carcinogenic screening level by the target CR or HQ as follows:

For carcinogenic chemicals:

$$CR = (\text{maximum concentration})/ (\text{screening level concentration}) \times (1E\text{-}06 \text{ or } 0.000001)$$

For non-carcinogenic chemicals:

$$HQ = (\text{maximum concentration})/ (\text{screening level concentration})$$

Ratios of the concentration of a particular chemical in soil vapor to its human health risk-based concentration were calculated and then summed regardless of toxic endpoint across all chemicals to estimate a total CR and non-cancer HI.

7.6 RISK CHARACTERIZATION SUMMARY

This section presents the results of the risk characterization which integrates the results of the toxicity and exposure assessments to estimate potential cancer risk (CR) and non-cancer hazard index (HI) associated with exposure to COPCs at the Site.

Various demarcations of acceptable risk have been established by regulatory agencies. EPA considers that under most situations, cancer risks in the range of one-in-one million (1 $x10^{-6}$ or 1E-06) to one-in-ten thousand (1 x 10^{-4} or 1E-04) may be considered acceptable with cancer risks less than 1E-06 considered *de minimis*. For vapor intrusion, Cal-EPA guidance (Cal-EPA, 2011) indicates that cumulative risk between 1E-06 and 1E-04 fall within a risk management range where further evaluation, remediation or mitigation may be considered. A CR greater than 1E-04 indicates that mitigation and/or remediation is needed.

Soil vapor risk characterization results for future residents potentially exposed via inhalation of soil vapor entering a hypothetical future building air above sampled locations using both an attenuation factor of 0.001 and 0.03 are provided in **Tables 3** through **6** and are summarized below.



Estimated Risks for Soil Vapor at 5- and 10+ ft Using DTSC Default Attenuation Factor (AF) of 0.001

Estimated cancer risks resulting from inhalation of COPCs in soil vapor at 5-ft bgs range from **1E-08** to **8E-08**: all well below the point of departure of 1E-06 indicating no unacceptable cancer risk. The non-cancer hazard index (HI) ranges from **0.001** to **0.054**: well below the target HI of 1.

Estimated cancer risks resulting from inhalation of COPCs in soil vapor at 10+-ft bgs range from **1E-08** to **3E-07**: all well below the point of departure of 1E-06 indicating no unacceptable cancer risk. The non-cancer hazard index (HI) ranges from **0.001** to **0.013**: well below the target HI of 1.

Estimated Risks for Soil Vapor at 5- and 10+ ft Using Attenuation Factor (AF) of 0.03

Estimated cancer risks resulting from inhalation of COPCs in soil vapor at 5-ft bgs range from **4E-07** to **5E-06.** The non-cancer hazard index (HI) ranges from **0.0.038** to **1.609** (B-03-5)**.** The noncancer HI of 1.609 exceeds the target of 1 due to the elevated TPH GRO at this location.

Estimated cancer risks resulting from inhalation of COPCs in soil vapor at 10+-ft bgs range from **4E-07** to **8E-06.** The non-cancer hazard index (HI) ranges from **0.049** to **0.386**: well below the target HI of 1.

7.7 DISCUSSION

Twenty-four soil vapor samples were collected from depths of 5-feet, and 10-feet or greater bgs at 20 locations in July and October 2021. Soil vapor data collected from these locations were used to evaluate a reasonable maximum exposure (RME) scenario under the proposed future residential use on a sample point-by-point basis.

A range of potential vapor intrusion risks was estimated by comparing all results against human health risk-based soil vapor screening levels derived by dividing indoor air screening levels representing no unacceptable cancer risk or non-cancer hazards established either by DTSC or the U.S. Environmental Protection Agency for residential use properties, by either the DTSC default attenuation factor 0.001.

Use of screening levels derived using the DTSC default attenuation factor of 0.001 indicates that resident risks, are below the point-of-departure of 1 x $10^{-}6$ at both depths of 5-ft and 10+-ft indicating no unacceptable potential human health risk. The non-cancer hazard indices (HI) are all well below the target of 1.

Use of screening levels derived using the excessively conservative 0.03 attenuation factor (see Section 3.12 for discussion) indicates that residential cancer risks are above the 1 x 10^{-6} point-of-departure at 5-feet bgs at three locations. Residential risks for samples collected at 10+-feet bgs exceed the point of departure at two locations (B-22-10 and B-22-15). Non-cancer hazards are below the target of 1 at all locations and sample depths.

It should be noted that when considering placement of a vapor mitigation system at locations where risks are above 1E-06 (one-in-one million) using screening levels based on an attenuation factor of 0.03 that excavation of a subterranean parking garage would likely result in further reductions in soil vapor



concentrations within the garage footprint due to volatilization and transport to the atmosphere. Moreover, in California, underground parking garages are subject to specific ventilation requirements (CCR Title 24) that could dilute chemicals entering the garage from the subsurface.

7.8 UNCERTANTY ASSESSMENT

In general, uncertainties in the HHRA process are essentially the accumulated uncertainties associated with the methodologies used in estimating the health risk results (EPA 1989). They are the product of many factors affecting each component of the HHRA process. These factors generally include, at a minimum, measurement errors, conservative exposure and modeling assumptions, and uncertainty and variability of the values used in the assessment.

The term "uncertainty" is often used in risk assessment to describe what are, in reality, two conceptually different terms: uncertainty and variability. Uncertainty can be described as the lack of a precise knowledge resulting in a fundamental data gap. Variability describes the natural heterogeneity of a population. Uncertainty can sometimes be reduced or eliminated through further measurements or study. By contrast, variability is inherent in what is being observed. Although variability can be better understood, it cannot be reduced through further measurement or study, although it may be more precisely defined. However, the additional cost of further data collection may become disproportional to the reduction in uncertainty.

The risks and hazards presented are consistent with EPA's stated goal of RME representing the high end of the possible risk distribution, which is generally considered to be greater than the 90th percentile and less than the 98th percentile. However, these estimates are based on numerous and often conservative assumptions, and, in the absence of definitive information, assumptions are used to ensure that actual sites risks are not underestimated. The cumulative effect of these assumptions can result in an analysis with an overall conservativeness greater than the individual components. Accordingly, it is important to note that the risks presented here are based on numerous conservative assumptions in order to be protective of human health and to ensure that the risks presented here are more likely to be overestimated rather than underestimated.

Specific uncertainties associated with this HHRA include:

- Since the proposed residences have not been constructed, the actual transport of chemicals in the subsurface into the buildings cannot be determined using accepted sub-slab soil vapor and indoor air sampling.
- The effects of placement of a building concrete slab over existing soil vapor impacts cannot be currently evaluated but may include accumulation of chemicals of concern at higher than anticipated concentrations immediately below the slab. However, this uncertainty is minimized by the collection of multi-depth samples that do not contain COPCs at levels above the laboratory reporting limits.
- According to the 2000 draft supplemental vapor intrusion guidance, the attenuation factor of 0.03 should be applied for initial vapor intrusion screening regardless of depth of sample and assumes



that attenuation is constant throughout the soil. Moreover, this attenuation factor has not yet been confirmed to be appropriate for the generally Mediterranean climate in southern California.

- The assumption that individuals within a receptor population (or subpopulation) will receive the same intake doses. Variability in parameters such as absorption rate, inhalation rate, frequency and duration of exposure, body weight, and activity pattern will exist even in a narrowly defined age group or identified sensitive subpopulation (EPA, 1992).
- It is assumed that contaminant concentrations will not decline over time due to source depletion, and anticipated grading which may facilitate direct transport of deeper soil vapor to the atmosphere prior to construction of the proposed residences.
- Neither soil nor soil vapor samples were collected at depths greater than 15-ft bgs due to the lithology (e.g., cobbles) causing drill refusal at those depths. Since the proposed project includes a subterranean parking garage, there is uncertainty regarding soil and soil vapor impacts beyond 15-ft bgs.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The soil samples collected from the subsurface in the identified potential source areas have not identified soil impacts above laboratory detection levels. Therefore, Stantec has not identified soil impacts on the property that would require remedial action or special handing or off-site disposal to date. Stantec does recommend that a soil management plan (SMP) be prepared for the Site. That plan would present procedures to be used in the event that unknown structures (i.e., underground storage tanks, sumps, etc.) or soil contamination are encountered during the earth moving activities.

Based on the soil vapor results, there does not appear to be an excess risk due to the detected concentrations. This is also based on the concept that DTSC uses the 0.03 attenuation factor screening levels only for definition of vapor limits. The plume limits have been defined on the property by the new sample points to concentrations below the 0.03 attenuation factor levels. No detections on the Property exceed the 0.001 risk-based screening level used by DTSC to define if a risk to vapor intrusion exists. In addition, under the low threat closure policy enforced by California, TPH related compounds are subject to bio-attenuation adjustments to the screening levels. Based on those adjustments to the screening levels, no TPH-GRO was detected above the adjusted screening levels on the Property. In addition, site grading should reduce the detected concentrations of TPH-GRO in soil vapor in the near surface soils. Therefore, Stantec has not identified a soil vapor issue on the Property that would require further action or vapor protection for the planned development and recommends no further action related to the detected soil vapors.

Stantec understands that the planned development will involve the excavation of up to 30 feet of soil to construct a subterrain parking structure below the planned building. The removal of this soil should remove from the property the detected soil impact reported to date. Due to subsurface conditions encountered (rock and dense soil) no soil vapor concentrations have been reported below 20 feet in depth. The detected concentrations do not indicate that increasing concentrations is occurring with depth that would indicate a deep source exists, however the SMP should be used to guide the excavation in the event that unknown impacts are encountered.

Stantec does recommend that the elevator shafts be sealed to prevent any potential vapor intrusion into those structures that could then be delivered to the upper floors of the overlying building. This is a precaution; no soil vapor data has been obtained that would direct this vapor protection is required. In addition, Stantec recommends that the required parking structure ventilation occur in compliance with government regulation in the event that soil vapor impacts differ from those detected by the completed investigations.



9.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on data described in this report. The opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change.

10.0 REFERENCES

California Department of Toxic Substances Control (DTSC), 2011, Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance), dated October.

____, 2015, Advisory Active Soil Gas Investigations, dated July.

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State Water Resource Control Board's (SWRCB) GAMA website, 2021, website https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/

United Stated Environmental Protection Agency (EPA), 2021, Regional Screening Levels, Region 9, dated May.

TABLES

TABLE 1
Summary of Soil Analytical Results - TPH and VOCs
235 South Tremont Avenue
Oceanside, California
Stantec Project Number: 2014217900

Sample ID	Sample Depth (feet)	Sample Date	TPH_{GRO} by 8015	VOC by 8260							
				Benzene	Toluene	Ethylbenzene	p/m-Xylene	o-Xylene	PCE	TCE	Various
Residential Screening Levels [(1)]			***430***	***0.33***	***1,100***	***5.8***	***560***	***650***	***0.59***	***0.94***	***Various***
B-01-1	1	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-01-5	5	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-02-1	1	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-02-5	5	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-03-10	10	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-04-10	10	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-05-10	10	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
B-06-10	10	7/20/21	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<various
SSA-B15-13	13	10/13/2021	<0.099	<0.00099	<0.00099	<0.00099	<0.002	<0.00099	<0.00099	<0.002	<various
SSA-B16-5	5	10/12/2021	<0.1	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<various
SSA-B17-15	15	10/12/2021	<0.1	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<various
SSA-B18-15	15	10/12/2021	<0.098	<0.00098	<0.00098	<0.00098	<0.002	<0.00098	<0.00098	<0.002	<various
SSA-B19-15	15	10/12/2021	<0.097	<0.00097	<0.00097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<various
SSA-B20-14	14	10/12/2021	<0.099	<0.00099	<0.00099	<0.00099	<0.002	<0.00099	<0.00099	<0.002	<various
SSA-B21-14	14	10/12/2021	<0.099	<0.00099	<0.00099	<0.00099	<0.002	<0.00099	<0.00099	<0.002	<various
SSA-B22-15	15	10/12/2021	<0.1	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<various
SSA-B23-14	14	10/13/2021	<0.097	<0.00097	<0.00097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<various

Notes:

All concentrations reported in miligrams per kilogram (mg/kg).

(1) - More conservative screening level between USEPA Region 9 RSL (November, 2019) and DTSC HERO Note 3 (April, 2019); San Francisco Regional Water Quality Control Board ESLs used for TPH screening.

DRO - Diesel Range Organic

DTSC - Department of Toxic Substance Control

HERO HHRA - Human and Ecological Risk Office Human Health Risk Assessment

GRO - Gasoline Range Organic

MTBE - methyl-tertiary butyl ether

NA - Not Analyzed

NE - Not Established

ORO - Oil Range Organic

RSL - Regional Screening Level

TBA - Tertiary butyl-alcohol

TMB - Trimethylbenzene

USEPA - United States Environmental Protection Agency

UST - Underground Storage Tanks

VOC - Volatile Organic Compounds

BOLD Denotes analyte was detected above the laboratory reporting limit

< - Denotes analyte was not detected above the laboratory reporting limit

Green shading indicates value above the residential screening level.

TABLE 2
Summary of Soil Vapor Analytical Results
235 South Tremont Avenue
Oceanside, California
Stantec Project Number: 2014217900

Sample ID	Sample Depth [1]	Sample Date	Purge Volume	TPH-GRO	Benzene	Ethylbenzene	PCE	TCE	Toluene	m.p-Xylene	o-Xylene	Other VOCs
Residential Screening Level (0.03 AF) [2]				*3,300*	*3.2*	*37*	*15.3*	*16*	*10,333*	*3,333*	*3,333*	*various*
Residential Screening Level (0.001 AF) [2]				*31,000*	*97*	*1,100*	*460*	*480*	*310,000*	*100,000*	*100,000*	*various*
Commercial Screening Level (0.03 AF) [2]				*4,333*	*14*	*163*	*67*	*100*	*43,333*	*14,667*	*14,667*	*various*
Commercial Screening Level (0.001 AF) [2]				*130,000*	*420*	*4,900*	*2,000*	*3,000*	*1,300,000*	*440,000*	*440,000*	*various*
B-01-5	5	7/23/2021	3	**11,000**	<3.1	<6.5	**38**	<6.5	<6.5	<13.0	<6.5	<various
B-02-5	5	7/23/2021	3	**4,300**	<3.1	<6.5	**53**	<6.5	<6.5	<13.0	<6.5	<various
B-02-5DUP	5	7/23/2021	3	**3,400**	<3.1	<6.5	**53**	<6.5	<6.5	<13.0	<6.5	<various
B-03-5	5	7/23/2021	3	**32,000**	<3.1	<6.5	**11**	<6.5	**16**	<13.0	<6.5	<various
B-03-10	10	7/23/2021	3	**7,900**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-04-5	5	7/23/2021	3	<650.0	<3.1	<6.5	**78**	<6.5	<6.5	<13.0	<6.5	<various
B-04-10	10	7/23/2021	3	<650.0	<3.1	<6.5	**34**	<6.5	<6.5	<13.0	<6.5	<various
B-05-5	5	7/23/2021	3	**6,900**	<3.1	<6.5	**13**	<6.5	<6.5	<13.0	<6.5	<various
B-06-5	5	7/23/2021	3	**15,000**	<3.1	<6.5	<6.5	<6.5	**14**	<13.0	<6.5	<various
B-07-5	5	7/23/2021	3	<650.0	<3.1	<6.5	**32**	<6.5	<6.5	<13.0	<6.5	<various
B-08-5	5	7/23/2021	3	<650.0	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-09-5	5	7/23/2021	3	<650.0	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-10-5	5	7/23/2021	3	<650.0	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-11-5	5	7/23/2021	3	**13,000**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-12-5	5	7/23/2021	3	**11,000**	<3.1	<6.5	<6.5	<6.5	**70**	<13.0	<6.5	<various
B-13-5	5	7/23/2021	3	**14,000**	<3.1	<6.5	**10**	<6.5	**40**	<13.0	<6.5	<various
B-14-5	5	7/23/2021	3	**55,000**	<3.1	<6.5	**20**	<6.5	**70**	<13.0	<6.5	<various
B-15-5	5	10/19/2021	3	**4,600**	**10**	<6.5	**70**	<6.5	**30**	<13.0	<6.5	<various
B-15-12	12	10/19/2021	3	**740**	**10**	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-16-5	5	10/19/2021	3	**2,200**	<3.1	<6.5	**20**	<6.5	<6.5	<13.0	<6.5	<various
B-16-9	9	10/19/2021	3	**1,600**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various
B-17-5	5	10/20/2021	3	<650	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-17-10	10	10/20/2021	3	**890**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various
B-17-10 DUP	10	10/20/2021	3	**680**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various
B-17-15	15	10/20/2021	3	**1,000**	<3.1	<6.5	**20**	<6.5	<6.5	<13.0	<6.5	<various
B-18-5	5	10/20/2021	3	**1,700**	<3.1	<6.5	<6.5	<6.5	**20**	<13.0	<6.5	<various

TABLE 2
Summary of Soil Vapor Analytical Results
235 South Tremont Avenue
Oceanside, California
Stantec Project Number: 2014217900

Sample ID	Sample Depth [1]	Sample Date	Purge Volume	TPH-GRO	Benzene	Ethylbenzene	PCE	TCE	Toluene	m.p-Xylene	o-Xylene	Other VOCs
Residential Screening Level (0.03 AF) [2]				*3,300*	*3.2*	*37*	*15.3*	*16*	*10,333*	*3,333*	*3,333*	*various*
Residential Screening Level (0.001 AF) [2]				*31,000*	*97*	*1,100*	*460*	*480*	*310,000*	*100,000*	*100,000*	*various*
Commercial Screening Level (0.03 AF) [2]				*4,333*	*14*	*163*	*67*	*100*	*43,333*	*14,667*	*14,667*	*various*
Commercial Screening Level (0.001 AF) [2]				*130,000*	*420*	*4,900*	*2,000*	*3,000*	*1,300,000*	*440,000*	*440,000*	*various*
B-18-10	10	10/20/2021	3	**1,200**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-18-13	13	10/20/2021	3	**3,200**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-19-5	5	10/20/2021	3	**2,600**	<3.1	<6.5	<6.5	<6.5	**20**	<13.0	<6.5	<various
B-19-10	10	10/20/2021	3	**3,100**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-19-14.5	14.5	10/20/2021	3	<650	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-20-5	5	10/20/2021	3	**2,200**	<3.1	<6.5	**10**	<6.5	**20**	<13.0	<6.5	<various
B-20-10	10	10/20/2021	3	**1,400**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-20-13.5	13.5	10/20/2021	3	**2,200**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-21-5	5	10/19/2021	3	**2,500**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-21-10	10	10/19/2021	3	**1,600**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-21-13.5	13.5	10/19/2021	3	**1,100**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-21-13.5 DUP	13.5	10/19/2021	3	**870**	<3.1	<6.5	<6.5	<6.5	<6.5	<13.0	<6.5	<various
B-22-5	5	10/19/2021	3	**4,000**	<3.1	<6.5	**50**	<6.5	**20**	<13.0	<6.5	<various
B-22-10	10	10/19/2021	3	**6,000**	<3.1	<6.5	**120**	<6.5	<6.5	<13.0	<6.5	<various
B-22-15	15	10/19/2021	3	**1,500**	<3.1	<6.5	**70**	<6.5	<6.5	<13.0	<6.5	<various
B-23-5	5	10/19/2021	3	**16,000**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various
B-23-10	10	10/19/2021	3	**7,400**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various
B-23-14	14	10/19/2021	3	**660**	<3.1	<6.5	**10**	<6.5	<6.5	<13.0	<6.5	<various

Notes:

All concentrations reprted in microgramper cubic meter (µg/m^3)

(1) - Reported as feet below original grade.

(2) - More conservative screening level between USEPA Region 9 RSL (May, 2020) and DTSC HERO Note 3 (June, 2020); San Francisco Bay Regional Water Quality Control Board ESLs (Januarv 2019) used for TPH screenina.

"<" - Results reported below Laboratory Reporting Limit.

CA EPA - California Environmental Protection Agency

NE- Not Established

VOCs- Volatile Organic Compounds

PCE - Tetrachloroethene

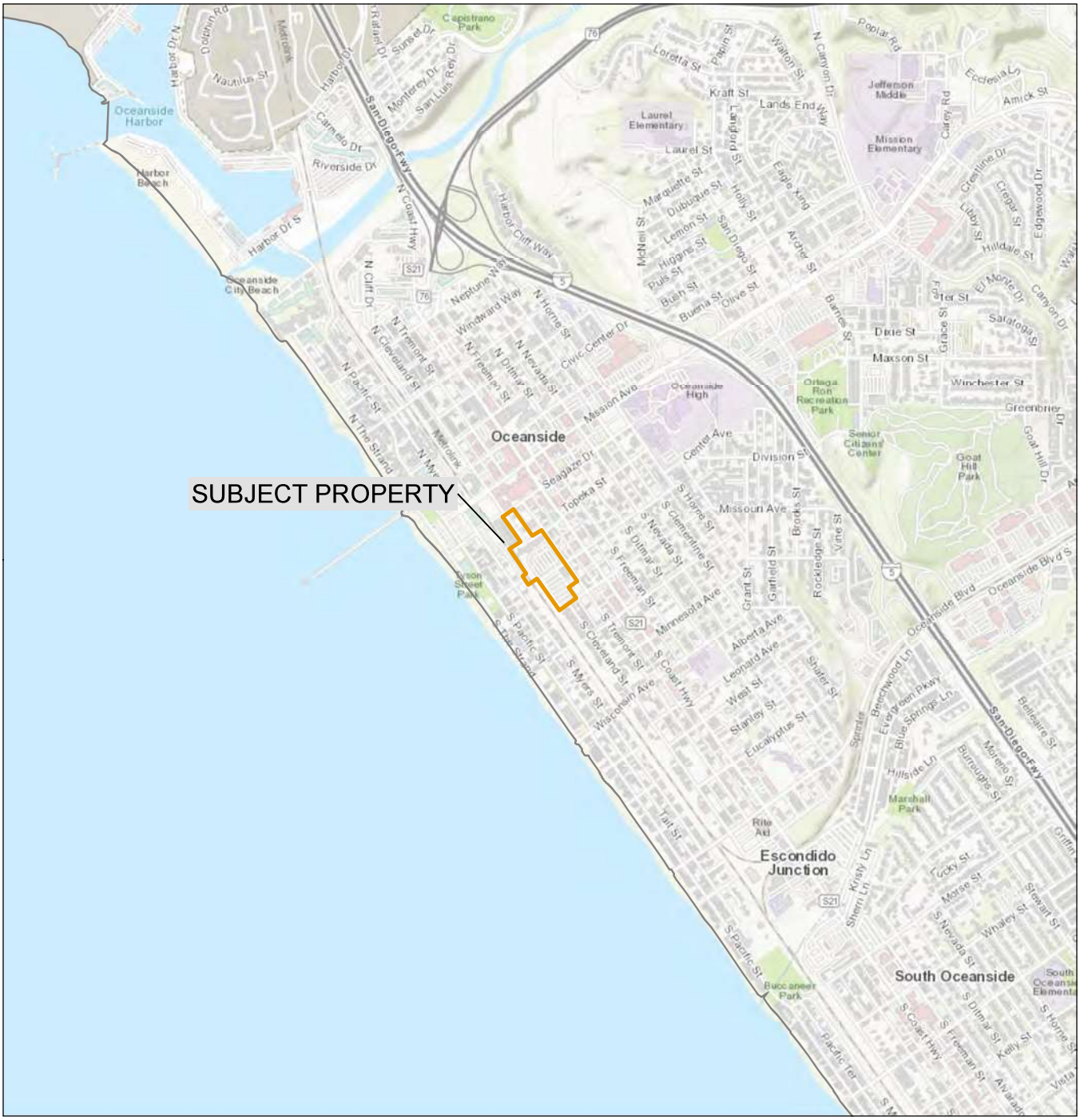
TCE- Trichloroethene

EPA - United States Environmental Protection Agency

HERO - Human and Ecological Risk Office

HHRA - Human Health Risk Assessment

FIGURES



Notes

1. Coordinate System: NAD 1983 UTM Zone 11N
2. Data Sources: Stantec, 2021
3. Background: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Stantec

Project Location
235 South Tremont Street
Oceanside Transit Center TOD Development
Oceanside, California

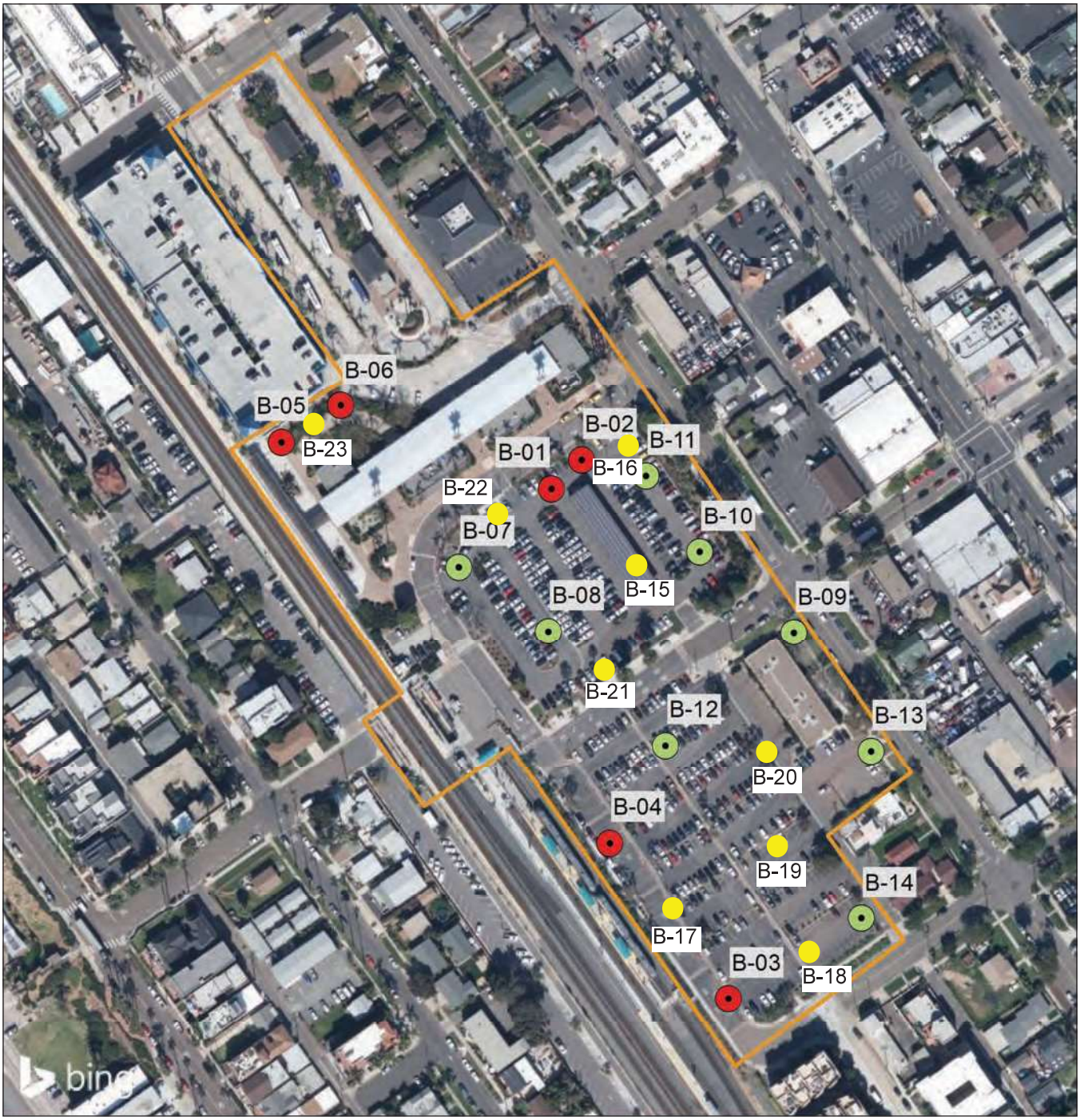
Client/Project
Toll Brothers Apartment Living
2014217900
Phase II Environmental Site Assessment

Figure No.
1

Title
Property Location Map

V:\1858\active\2014217900\05_report_deliv\drawings_design\gis_map Revised: 2021-08-06 By: dehernandez

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.





Property Boundary

Sample Points

Soil Vapor Location

Soil and Soil Vapor Location

Boring locations to 15-ft bgs

0 120 240 Feet

N

(At original document size of 8.5x11)
1:2,400

Stantec

Project Location
235 South Tremont Street
Oceanside Transit Center TOD Development
Oceanside, California

Client/Project
Toll Brothers Apartment Living
2014217900
Phase II Environmental Site Assessment

Figure No.
2

Title
PROPERTY DETAILS MAP

Notes
1. Coordinate System: NAD 1983 UTM Zone 11N
2. Data Sources: Stantec, 2021
3. Background: © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS

V:\1858\active\2014217900\05_report_deliv\drawings_design\gis_map Revised: 2021-08-06 By: dehernandez

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APPENDIX A

Boring Logs

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-15** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/13/21** COMPLETED: **10/13/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **13.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
		SM	**SILTY SAND** ; SM; 7.5YR 3/2 dark brown; dry; no odor; no staining; 70/30% fine sand/silt; loose to medium dense; non-cohesive							x2 1/4" Nylaflow Tubing in Hydrated Granular Bentonite
5			@5' - cobbles		0900 SSB-B15-5			0.5	5	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
		SP	**POORLY GRADED SAND** ; SP; 10YR 4/4 dark yellowish brown; fine-grained							
		CL-ML	**GRAVELLY CLAY TO GRAVELLY SILT** ; CL-ML; 10YR 7/8 yellow; dry; highly weathered rock; hard							1/4" Nylaflow Tubing in Hydrated Granular Bentonite
10					0906 SSB-B15-10			0.6	10	
			SAME AS ABOVE ; 5Y 3/2 dark olive gray; highly weathered gravel/cobbles							12" Dry Granular Bentonite
		CL	**CLAY** ; CL; 10YR 3/4 dark yellowish brown; medium to high plasticity; moist							1" Airstone in #3 Sand Filter Pack
		CL-ML	**GRAVELLY CLAY TO GRAVELLY SILT** ; CL-ML; 10YR 7/8 yellow; dry; highly weathered rock; hard		0915 SSB-B15-13			1.1		
			Refusal at 13 feet. Hole terminated at 13 feet.							
15									15	

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-16** PAGE 1 OF 1

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **9.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			1' Class II Road Base material; gravel, sand, fines							
		SM	**SILTY SAND** ; SM; 5YR 3/3 dark reddish brown; dry; no odor; no staining; 70/30% fine to medium sand/silt; non-cohesive							x2 1/4" Nylaflow Tubing in Hydrated Granular Bentonite
5					1304 SSB-B16-5			0.0	5	12" Dry Granular Bentonite
		SP	**POORLY GRADED SAND** ; SP; 5YR 3/2 dark reddish brown; dry; black mottles; fine grained sand; trace medium sand; trace silt; trace gravel; dense; non-cohesive							1" Airstone in #3 Sand Filter Pack
			SAME AS ABOVE ; 10YR 6/3 pale brown							1/4" Nylaflow Tubing in Hydrated Granular Bentonite
			Rock or cobble in cutting shoe							12" Dry Granular Bentonite
10			Refusal at 9.5 feet. Hole terminated at 9.5 feet.						10	1" Airstone in #3 Sand Filter Pack
15									15	

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-17** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			WELL GRADED SAND WITH SILT AND GRAVEL ; Class II Road Base material							
		SM	**SILTY SAND** ; SM; 2.5YR 3/4 dark reddish brown; non plastic; dry; no odor; no staining; loose to medium dense; non-cohesive							x3 1/4" Nylaflow in Hydrated Granular Bentonite
5					0735 SSB-B17-5			0.0	5	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
										x2 1/4" Nylaflow in Hydrated Granular Bentonite
10			**SAME AS ABOVE**		0740 SSB-B17-10			0.0	10	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
		SP	**POORLY GRADED SAND** ; SP; 10YR 5/6 yellowish brown; fine-grained; dry; trace medium sand; trace silt; non-cohesive							1/4" Nylaflow in Hydrated Granular Bentonite
15			**SAME AS ABOVE**		0748 SSB-B17-15			0.0	15	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
			Hole terminated at 15.5 feet.							

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-18** PAGE 1 OF 1

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **13.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			WELL GRADED SAND AND GRAVEL WITH SILT ; 12" road base material							
		SM	**SILTY SAND** ; SM; 2.5YR 5/3 dark reddish brown; dry; 70/30% fine to medium sand/silt; medium dense; non-cohesive							x3 1/4" Nylaflow in Hydrated Granular Bentonite
5			**SAME AS ABOVE**		09236 SSB-B18-5			0.0	5	12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
										x2 1/4" Nylaflow in Hydrated Granular Bentonite
10			**SAME AS ABOVE**		0930 SSB-B18-10			0.0	10	12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
		SP	**POORLY GRADED SAND** ; SP; 2.5YR 3/1 dark reddish gray; fine-grained							1/4" Nylaflow in Hydrated Granular Bentonite 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
			@13' - cobbles							
			@13.5' - cobble fragment in cutting shoe Refusal at 13.5 feet. Hole terminated at 13.5 feet.							
15									15	

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-19** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **14.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			WELL GRADED SAND WITH SILT AND GRAVEL ; 12" road base material							
		SM	**SILTY SAND** ; SM; 2.5YR 3/3 dark reddish brown; dry; no odor; no staining; 70/30% fine to medium sand/silt; non-cohesive							x2 1/4" Nylaflow Tubing in Hydrated Granular Bentonite
5					0820 SSB-B19-5			0.0	5	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
										1/4" Nylaflow Tubing in Hydrated Granular Bentonite
10			**SAME AS ABOVE**		0825 SSB-B19-10			0.0	10	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
			@11.5' to 12' - cobbles							
		SM	**SILTY SAND** ; SM; 2.5YR 3/3 dark reddish brown; moist; no odor; no staining; 70/30% fine to medium sand/silt; non-cohesive							
		SP	**POORLY GRADED SAND** ; SP; fine-grained; trace medium to coarse sand							
					0835 SSB-B19-15			0.0		
15			Refusal at 14.8 feet. Hole terminated at 14.8 feet.						15	

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-20** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **14.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			SILTY SAND WITH GRAVEL ; 12" road base material							
		SM	**SILTY SAND** ; SM; 2.5YR 2.5/2 very dark red; dry; no odor; no staining; 70/30% fine to medium sand/silt; medium dense; non-cohesive							x3 1/4" Nylaflow in Hydrated Granular Bentonite
5					1020 SSB-B20-5			0.0	5	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
		SP	**POORLY GRADED SAND** ; SP; 7.5YR 5/6 strong brown; fine sand; trace silt; dense; dry; non-cohesive							x2 1/4" Nylaflow in Hydrated Granular Bentonite
10					1025 SSB-B20-10			0.0	10	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
		SM	**SILTY SAND WITH GRAVEL** ; SM; 2.5Y 6/2 light brownish gray; little to some gravel		1038 SSB-B20-14			0.0		1/4" Nylaflow in Hydrated Granular Bentonite; 12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
			Refusal at 14 feet. Hole terminated at 14 feet.							
15									15	

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-21** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **14.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							x3 1/4" Nylaflow in Hydrated Granular Bentonite
			SILTY SAND WITH GRAVEL ; 12" road base material							12" Dry Granular Bentonite
		SM	**SILTY SAND** ; SM; 2.5YR 3/3 dark reddish brown; 70/30% fine sand/silt; dry; non-cohesive							1" Airstone in #3 Sand Filter Pack
5			**SAME AS ABOVE**		1210 SSB-B21-5			0.0	5	
		SP	**POORLY GRADED SAND** ; SP; 10YR 5/3 brown; fine-grained; dry; trace silt							x2 1/4" Nylaflow in Hydrated Granular Bentonite
										12" Dry Granular Bentonite
10			**SAME AS ABOVE** ; fine to medium-grained; mottled 10YR 3/3 dark brown to 10yr 3/1 very dark gray		1215 SSB-B21-10			0.0	10	1" Airstone in #3 Sand Filter Pack
										1/4" Nylaflow in Hydrated Granular Bentonite
			Crushed weathered rock; mottled GLEY1 6/1 greenish gray to 10yr 7/8 yellow; 20% clay							12" Dry Granular Bentonite
					1220 SSB-B21-14			0.0		1" Airstone in #3 Sand Filter Pack
			Refusal at 14 feet. Hole terminated at 14 feet.							
15									15	

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-22** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/12/21** COMPLETED: **10/12/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Asphalt							
			SILTY SAND WITH GRAVEL ; 12" road base material							
		SM	**SILTY SAND** ; SM; 5YR 2.5/2 dark reddish brown; no odor; no staining; medium dense; non-cohesive; dry; 70/30% fine to medium sand/silt							x3 1/4" Nylaflow in Hydrated Granular Bentonite
5					1342 SSB-B22-5			0.0	5	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
										x2 1/4" Nylaflow in Hydrated Granular Bentonite
10			**SAME AS ABOVE** ; decreasing fines		1347 SSB-B22-10			0.2	10	12" Dry Granular Bentonite; 1" Airstone in #3 Sand Filter Pack
										1/4" Nylaflow in Hydrated Granular Bentonite
		SP	**POORLY GRADED SAND** ; SP; 10YR 6/4 light yellowish brown; fine to medium-grained; trace fines; loose to medium dense; interbedded 2.5YR 4/6 red layers (1/4")							12" Dry Granular Bentonite
15					1350 SSB-B22-15			0.3	15	1" Airstone in #3 Sand Filter Pack
			Hole terminated at 15.5 feet.							

GEO FORM 304 TREMONT.GPJ STANTEC001.GDT 11/1/21

PROJECT: **Oceanside Transit Center**
LOCATION: **235 S. Tremont St. Oceanside, CA**
PROJECT NUMBER: **2014217900.307.001**

WELL / PROBEHOLE / BOREHOLE NO: **B-23** PAGE 1 OF 1

Stantec

DRILLING: STARTED **10/13/21** COMPLETED: **10/13/21**
INSTALLATION: STARTED COMPLETED:
DRILLING COMPANY: **M&R Drilling**
DRILLING EQUIPMENT: **Manual/GP6620DT**
DRILLING METHOD: **Hand Auger/DPT**
SAMPLING EQUIPMENT: **Jar/Acetate**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **14.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.25**
LOGGED BY: **Mason** CHECKED BY: **AJ**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
		ML-SM	**SANDY SILT - SILTY SAND** ; ML-SM; 5YR 2.5/2 dark reddish brown; moist; 50% mix coarse sand/silt; 15% fine to coarse gravel; non-cohesive; very soft/loose							x3 1/4" Nylaflow in Hydrated Granular Bentonite
		SM-SC	@4.5' - cobble/large gravel							12" Dry Granular Bentonite
5		SM-SC	**SILTY SAND - CLAYEY SAND** ; SM-SC; 5YR 4/3 reddish brown; non plastic; moist; few fine gravel		0745 SSB-B23-5			0.0	5	1" Airstone in #3 Sand Filter Pack
										x2 1/4" Nylaflow in Hydrated Granular Bentonite
										12" Dry Granular Bentonite
10		CL-ML	**SANDY CLAY - SANDY SILT** ; CL-ML; 7.5YR 3/2 brown; fine-grained; non plastic; moist; soft		0749 SSB-B23-10			0.0	10	1" Airstone in #3 Sand Filter Pack
		SM	**SILTY SAND** ; SM; 7.5YR 3/2 brown; fine to medium-grained; moist							1/4" Nylaflow in Hydrated Granular Bentonite
		CL	**LEAN CLAY** ; CL; lime with clay and charcoal; possible shell fragments and fire pit							12" Dry Granular Bentonite
		SP	**POORLY GRADED SAND** ; SP; 7.5YR 5/3 brown; fine to medium-grained; trace silt		0754 SSB-B23-14			0.0		1" Airstone in #3 Sand Filter Pack
			Refusal at 14 feet. Hole terminated at 14 feet.							
15									15	

APPENDIX B

Laboratory Data Sheets

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
951-779-0310 FAX 951-779-0344
www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 10/21/2021 10:29:20
Laboratory Job No. (Certificate of Analysis No.)	2110-00139
Project Name / No.	235 S. Tremont St., Oceanside, CA 92054 2014217900.307.001
Dates Sampled (from/to)	10/19/21 To 10/19/21
Dates Received (from/to)	10/19/21 To 10/19/21
Dates Reported (from/to)	10/21/21 To 10/21/2021
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Other Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-15-5** Date & Time Sampled: 10/19/21 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**4.6**	0.65	1.3	µg/L	**4,600**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	***0.010***	0.00312	0.013	µg/L	***10***	3.1	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

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FDA#	2030513
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	2790
	2122

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-15-5** Date & Time Sampled: 10/19/21 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	**0.070**	0.0065	0.013	µg/L	**70**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	**0.030**	0.0065	0.013	µg/L	**30**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-15-5** Date & Time Sampled: 10/19/21 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	90		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 002 **B-15-12** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	***0.74***	0.65	1.3	µg/L	***740***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-15-12** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-15-12** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-15-12** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	87		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 003 **B-16-5** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**2.2**	0.65	1.3	µg/L	**2,200**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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A & R Laboratories, Inc.

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 003 **B-16-5** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 003 **B-16-5** Date & Time Sampled: 10/19/21 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 **B-16-5**									Date & Time Sampled:		10/19/21 @ 8:10		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/19/21	KZ
Sample: 004 **B-16-9**									Date & Time Sampled:		10/19/21 @ 9:06		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**1.6**	0.65	1.3	µg/L	**1,600**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 004 **B-16-9** Date & Time Sampled: 10/19/21 @ 9:06
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 004 **B-16-9** Date & Time Sampled: 10/19/21 @ 9:06
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	94		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-22-5** Date & Time Sampled: 10/19/21 @ 9:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**4.0**	0.65	1.3	µg/L	**4,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-22-5** Date & Time Sampled: 10/19/21 @ 9:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	**0.050**	0.0065	0.013	µg/L	**50**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-22-5** Date & Time Sampled: 10/19/21 @ 9:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	97		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 006 **B-22-10** Date & Time Sampled: 10/19/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**6.0**	0.65	1.3	µg/L	**6,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-22-10** Date & Time Sampled: 10/19/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-22-10** Date & Time Sampled: 10/19/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	**0.12**	0.0065	0.013	µg/L	**120**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-22-10** Date & Time Sampled: 10/19/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	130		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	109		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	108		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 007 **B-22-15** Date & Time Sampled: 10/19/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**1.5**	0.65	1.3	µg/L	**1,500**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 007 **B-22-15** Date & Time Sampled: 10/19/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 007 **B-22-15** Date & Time Sampled: 10/19/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	**0.070**	0.0065	0.013	µg/L	**70**	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													

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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 **B-22-15**									Date & Time Sampled:		10/19/21 @ 10:10		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/19/21	KZ
Sample: 008 **B-23-5**									Date & Time Sampled:		10/19/21 @ 10:55		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**16**	0.65	1.3	µg/L	**16,000**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 008 **B-23-5** Date & Time Sampled: 10/19/21 @ 10:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 008 **B-23-5** Date & Time Sampled: 10/19/21 @ 10:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	93		70-130	%REC							EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-23-10** Date & Time Sampled: 10/19/21 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**7.4**	0.65	1.3	µg/L	**7,400**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-23-10** Date & Time Sampled: 10/19/21 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-23-10** Date & Time Sampled: 10/19/21 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	95		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 010 **B-23-14** Date & Time Sampled: 10/19/21 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	***0.66***	0.65	1.3	µg/L	***660***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-23-14** Date & Time Sampled: 10/19/21 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-23-14** Date & Time Sampled: 10/19/21 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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STANTEC CONSULTING SVCS., INC.
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735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-23-14** Date & Time Sampled: 10/19/21 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	98		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	96		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	87		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 011 **B-21-5** Date & Time Sampled: 10/19/21 @ 12:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**2.5**	0.65	1.3	µg/L	**2,500**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Date Reported	10/21/21
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Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 011 **B-21-5** Date & Time Sampled: 10/19/21 @ 12:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 011 **B-21-5** Date & Time Sampled: 10/19/21 @ 12:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 **B-21-5**									Date & Time Sampled:		10/19/21 @ 12:10		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	82		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/19/21	KZ
Sample: 012 **B-21-10**									Date & Time Sampled:		10/19/21 @ 12:35		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[TPH Gasoline by GCMS]													
C4-C12	**1.6**	0.65	1.3	µg/L	**1,600**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 012 **B-21-10** Date & Time Sampled: 10/19/21 @ 12:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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A & R Laboratories, Inc.

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ONTARIO, CA 91761
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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 012 **B-21-10** Date & Time Sampled: 10/19/21 @ 12:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	91		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-21-13.5** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	***1.1***	0.65	1.3	µg/L	***1,100***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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STANTEC CONSULTING SVCS., INC.
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Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-21-13.5** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-21-13.5** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	83		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/19/21	KZ

Sample: 014 **B-21-13.5 DUP** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	***0.87***	0.65	1.3	µg/L	***870***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/19/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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LA City#	10261
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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 014 **B-21-13.5 DUP** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 014 **B-21-13.5 DUP** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/19/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/19/21
Invoice No.	93134
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 014 **B-21-13.5 DUP** Date & Time Sampled: 10/19/21 @ 13:01
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/19/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/19/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/19/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	88		70-130	%REC							EPA 8260B	10/19/21	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	10/19/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/19/21	KZ

Respectfully Submitted: Ken Zheng

Ken Zheng - President

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	**10/21/2021**
Date Received	**10/19/2021**
Date Sampled	**10/19/2021**
Invoice No.	**93134**
Customer #	**1003**
Customer P.O.	**2014217900.307.001**

Project: 235 S. Tremont St., Oceanside, CA 92054

Method # EPA 8260B
QC Reference # 99026 **Date Analyzed:** 10/19/2021 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	130	122	6.6	
Benzene	76	84	10.8	
Bromofluorobenzene				86
Chlorobenzene	72	75	4.2	
Dibromofluoromethan				95
Toluene	80	100	22.2	
Toluene-D8				95
Trichloroethene	76	86	12.9	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

Method # LUFT GCMS
QC Reference # 99028 **Date Analyzed:** 10/19/2021 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014

Results

	LCS %REC	LCS %DUP	LCS %RPD
C4-C12	90	100	10

Control Ranges

LCS %REC	LCS %RPD
70 - 130	0 - 25

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QUALITY CONTROL DATA REPORT

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported 10/21/2021
Date Received 10/19/2021
Date Sampled 10/19/2021

Project: 235 S. Tremont St., Oceanside, CA 92054

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
99026	Acetone	<0.0650		µg/L	0.0650
	t-Amyl Methyl Ether (TAME)	<0.0065		µg/L	0.0065
	Benzene	<0.0031		µg/L	0.0031
	Bromobenzene	<0.0065		µg/L	0.0065
	Bromochloromethane	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0065		µg/L	0.0065
	Bromoform	<0.0065		µg/L	0.0065
	Bromomethane	<0.0065		µg/L	0.0065
	t-Butanol (TBA)	<0.0650		µg/L	0.0650
	2-Butanone (MEK)	<0.0650		µg/L	0.0650
	n-Butylbenzene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0650		µg/L	0.0650
	Carbon Tetrachloride	<0.0033		µg/L	0.0033
	Chlorobenzene	<0.0065		µg/L	0.0065
	Chloroethane	<0.0065		µg/L	0.0065
	Chloroform	<0.0065		µg/L	0.0065
	Chloromethane	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065
	Dibromochloromethane	<0.0065		µg/L	0.0065
	1,2-Dibromoethane (EDB)	<0.0026		µg/L	0.0026
	1,2-Dibromo-3-Chloropropane	<0.0026		µg/L	0.0026
	Dibromomethane	<0.0065		µg/L	0.0065
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethane	<0.0065		µg/L	0.0065
	1,2-Dichloroethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethene	<0.0065		µg/L	0.0065
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	1,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,3-Dichloropropane	<0.0065		µg/L	0.0065
	2,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,1-Dichloropropene	<0.0065		µg/L	0.0065
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	Diisopropyl Ether (DiPE)	<0.0065		µg/L	0.0065
	Ethylbenzene	<0.0065		µg/L	0.0065
	Ethyl-t-Butyl Ether (EtBE)	<0.0065		µg/L	0.0065
	Hexachlorobutadiene	<0.0065		µg/L	0.0065
	2-Hexanone	<0.0650		µg/L	0.0650
	Isopropylbenzene	<0.0065		µg/L	0.0065
	4-Isopropyltoluene	<0.0065		µg/L	0.0065
	Methylene Chloride	<0.0065		µg/L	0.0065
	4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650
	Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Naphthalene	<0.0042		µg/L	0.0042
	n-Propylbenzene	<0.0065		µg/L	0.0065
	Styrene	<0.0065		µg/L	0.0065
	1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	1,1,2,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	Tetrachloroethene	<0.0065		µg/L	0.0065
	Toluene	<0.0065		µg/L	0.0065
	1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	1,1,2-Trichloroethane	<0.0065		µg/L	0.0065
	Trichloroethene	<0.0065		µg/L	0.0065
	1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Trichlorofluoromethane	<0.0065		µg/L	0.0065
	Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	Vinyl Chloride	<0.0010		µg/L	0.0010
	m,p-Xylenes	<0.0130		µg/L	0.0130
	o-Xylene	<0.0065		µg/L	0.0065
	Isopropanol (IPA)	<0.0650		µg/L	0.0650
99028	C4-C12	<0.6500		µg/L	0.6500

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QUALITY CONTROL DATA REPORT

2110-00139

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported	**10/21/2021**
Date Received	**10/19/2021**
Date Sampled	**10/19/2021**

Project: 235 S. Tremont St., Oceanside, CA 92054

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

ARL

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2110-139

Page ____ of ____

Client Name: Stantec

E-mail: Jason.Hafliger@stantec.com / Alicia.Jansen@stantec.com

Address: 735 E. Carnegie dr. ste #280, San bernardino, CA

Report Attention: Jason / Alicia | Phone #: 909 255 8221 | Fax: # | Sampled By: KZ

Project No./ Name:

Project Site: 235 S Tremont st. Oceanside

☐ Chilled ☐ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal — Mobile

Lab # (Lab use)	Client Sample ID	Sample Collection: Date	Sample Collection: Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	B-15-5	10/19/21	7:45	Air	NA	250mL G	X		X							
-2	↓ -12		8:10													
-3	B-16-5		8:40													
-4	↓ -9		9:06													
-5	B-22-5		9:30													
-6	↓ -10		9:50													
-7	↓ -15		10:10													
-8	B-23-5		10:55													
-9	↓ -10		11:20													
-10	↓ -14		11:40													
-11	B-21-5		12:10													
-12	↓ -10		12:35													
-13	↓ -13.5		13:01													
-14	↓ -13.5 DUP	↓	13:01	↓	↓	↓	↓		↓							

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
GHS	Stantec	10/19/21	1403	VG	ARL	10/19/21	14:03
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 10/21/2021 10:30:03
Laboratory Job No. (Certificate of Analysis No.)	2110-00140
Project Name / No.	235 S. Tremont St., Oceanside, CA 92054 2014217900.307.001
Dates Sampled (from/to)	10/20/21 To 10/20/21
Dates Received (from/to)	10/20/21 To 10/20/21
Dates Reported (from/to)	10/21/21 To 10/21/2021
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Other Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-20-5** Date & Time Sampled: 10/20/21 @ 7:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**2.2**	0.65	1.3	µg/L	**2,200**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-20-5** Date & Time Sampled: 10/20/21 @ 7:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/20/21	KZ
Toluene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 001 **B-20-5** Date & Time Sampled: 10/20/21 @ 7:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	91		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 002 **B-20-10** Date & Time Sampled: 10/20/21 @ 7:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**1.4**	0.65	1.3	µg/L	**1,400**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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FDA#	2030513
LA City#	10261
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-20-10** Date & Time Sampled: 10/20/21 @ 7:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-20-10** Date & Time Sampled: 10/20/21 @ 7:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 002 **B-20-10** Date & Time Sampled: 10/20/21 @ 7:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	94		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	90		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 003 **B-20-13.5** Date & Time Sampled: 10/20/21 @ 8:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**2.2**	0.65	1.3	µg/L	**2,200**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 003 **B-20-13.5** Date & Time Sampled: 10/20/21 @ 8:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 003 **B-20-13.5** Date & Time Sampled: 10/20/21 @ 8:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 003 **B-20-13.5** Date & Time Sampled: 10/20/21 @ 8:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	93		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	102		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 004 **B-19-5** Date & Time Sampled: 10/20/21 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**2.6**	0.65	1.3	µg/L	**2,600**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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2110-00140

STANTEC CONSULTING SVCS., INC.
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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 004 **B-19-5** Date & Time Sampled: 10/20/21 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 004 **B-19-5** Date & Time Sampled: 10/20/21 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	102		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/20/21	KZ

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A & R Laboratories, Inc.

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ONTARIO, CA 91761
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www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-19-10** Date & Time Sampled: 10/20/21 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**3.1**	0.65	1.3	µg/L	**3,100**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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ALICIA JANSEN
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Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-19-10** Date & Time Sampled: 10/20/21 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 005 **B-19-10** Date & Time Sampled: 10/20/21 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	97		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	103		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 006 **B-19-14.5** Date & Time Sampled: 10/20/21 @ 9:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-19-14.5** Date & Time Sampled: 10/20/21 @ 9:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-19-14.5** Date & Time Sampled: 10/20/21 @ 9:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 006 **B-19-14.5** Date & Time Sampled: 10/20/21 @ 9:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 007 **B-18-5** Date & Time Sampled: 10/20/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	**1.7**	0.65	1.3	µg/L	**1,700**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 007 **B-18-5** Date & Time Sampled: 10/20/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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FDA#	2030513
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 007 **B-18-5** Date & Time Sampled: 10/20/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 007 **B-18-5** Date & Time Sampled: 10/20/21 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 008 **B-18-10** Date & Time Sampled: 10/20/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	***1.2***	0.65	1.3	µg/L	***1,200***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 008 **B-18-10** Date & Time Sampled: 10/20/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 008 **B-18-10** Date & Time Sampled: 10/20/21 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	94		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	93		70-130	%REC							EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-18-13** Date & Time Sampled: 10/20/21 @ 10:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	**3.2**	0.65	1.3	µg/L	**3,200**	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-18-13** Date & Time Sampled: 10/20/21 @ 10:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 009 **B-18-13** Date & Time Sampled: 10/20/21 @ 10:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	91		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 010 **B-17-5** Date & Time Sampled: 10/20/21 @ 11:07
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	<0.6500	0.65	1.3	µg/L	<650.0	650.0	1,300	µg/m3		0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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Date Reported	10/21/21
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Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-17-5** Date & Time Sampled: 10/20/21 @ 11:07
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-17-5** Date & Time Sampled: 10/20/21 @ 11:07
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 010 **B-17-5** Date & Time Sampled: 10/20/21 @ 11:07
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	108		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	97		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 011 **B-17-10** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[TPH Gasoline by GCMS]													
C4-C12	***0.89***	0.65	1.3	µg/L	***890***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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2110-00140

STANTEC CONSULTING SVCS., INC.
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Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 011 **B-17-10** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
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	2790
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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 011 **B-17-10** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 011 **B-17-10** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	95		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

Sample: 012 **B-17-10 DUP** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	***0.68***	0.65	1.3	µg/L	***680***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 012 **B-17-10 DUP** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
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SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 012 **B-17-10 DUP** Date & Time Sampled: 10/20/21 @ 11:29
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	***0.010***	0.0065	0.013	µg/L	***10***	6.5	13	µg/m3	J	0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	91		70-130	%REC							EPA 8260B	10/20/21	KZ

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2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-17-15** Date & Time Sampled: 10/20/21 @ 12:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[TPH Gasoline by GCMS]													
C4-C12	***1.0***	0.65	1.3	µg/L	***1,000***	650.0	1,300	µg/m3	J	0.13	LUFT GCMS	10/20/21	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-17-15** Date & Time Sampled: 10/20/21 @ 12:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	10/20/21	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Tetrachloroethene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ

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CERTIFICATE OF ANALYSIS

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	10/21/21
Date Received	10/20/21
Invoice No.	93135
Cust #	1003
Permit Number	
Customer P.O.	2014217900.307.001

Project: 235 S. Tremont St., Oceanside, CA 92054

Sample: 013 **B-17-15** Date & Time Sampled: 10/20/21 @ 12:16
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3		0.13	EPA 8260B	10/20/21	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	10/20/21	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	10/20/21	KZ
[VOC Surrogates]													
Dibromofluoromethane	94		70-130	%REC							EPA 8260B	10/20/21	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	10/20/21	KZ
Bromofluorobenzene	92		70-130	%REC							EPA 8260B	10/20/21	KZ

Respectfully Submitted: Ken Zheng

Ken Zheng - President

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QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

2110-00140

Date Reported	**10/21/2021**
Date Received	**10/20/2021**
Date Sampled	**10/20/2021**
Invoice No.	**93135**
Customer #	**1003**
Customer P.O.	**2014217900.307.001**

Project: 235 S. Tremont St., Oceanside, CA 92054

Method # EPA 8260B
QC Reference # 99029 **Date Analyzed:** 10/20/2021 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	81	96	17.1	
Benzene	101	102	1.0	
Bromofluorobenzene				85
Chlorobenzene	87	89	1.5	
Dibromofluoromethan				99
Toluene	101	105	4.1	
Toluene-D8				93
Trichloroethene	101	105	3.3	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

Method # LUFT GCMS
QC Reference # 99030 **Date Analyzed:** 10/20/2021 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013

Results

	LCS %REC	LCS %DUP	LCS %RPD
C4-C12	114	122	6.4

Control Ranges

LCS %REC	LCS %RPD
70 - 130	0 - 25

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CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

QUALITY CONTROL DATA REPORT

2110-00140

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported 10/21/2021
Date Received 10/20/2021
Date Sampled 10/20/2021

Project: 235 S. Tremont St., Oceanside, CA 92054

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
99029	Acetone	<0.0650		µg/L	0.0650
	t-Amyl Methyl Ether (TAME)	<0.0065		µg/L	0.0065
	Benzene	<0.0031		µg/L	0.0031
	Bromobenzene	<0.0065		µg/L	0.0065
	Bromochloromethane	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0065		µg/L	0.0065
	Bromoform	<0.0065		µg/L	0.0065
	Bromomethane	<0.0065		µg/L	0.0065
	t-Butanol (TBA)	<0.0650		µg/L	0.0650
	2-Butanone (MEK)	<0.0650		µg/L	0.0650
	n-Butylbenzene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0650		µg/L	0.0650
	Carbon Tetrachloride	<0.0033		µg/L	0.0033
	Chlorobenzene	<0.0065		µg/L	0.0065
	Chloroethane	<0.0065		µg/L	0.0065
	Chloroform	<0.0065		µg/L	0.0065
	Chloromethane	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065
	Dibromochloromethane	<0.0065		µg/L	0.0065
	1,2-Dibromoethane (EDB)	<0.0026		µg/L	0.0026
	1,2-Dibromo-3-Chloropropane	<0.0026		µg/L	0.0026
	Dibromomethane	<0.0065		µg/L	0.0065
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethane	<0.0065		µg/L	0.0065
	1,2-Dichloroethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethene	<0.0065		µg/L	0.0065
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	1,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,3-Dichloropropane	<0.0065		µg/L	0.0065
	2,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,1-Dichloropropene	<0.0065		µg/L	0.0065
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	Diisopropyl Ether (DiPE)	<0.0065		µg/L	0.0065
	Ethylbenzene	<0.0065		µg/L	0.0065
	Ethyl-t-Butyl Ether (EtBE)	<0.0065		µg/L	0.0065
	Hexachlorobutadiene	<0.0065		µg/L	0.0065
	2-Hexanone	<0.0650		µg/L	0.0650
	Isopropylbenzene	<0.0065		µg/L	0.0065
	4-Isopropyltoluene	<0.0065		µg/L	0.0065
	Methylene Chloride	<0.0065		µg/L	0.0065
	4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650
	Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Naphthalene	<0.0042		µg/L	0.0042
	n-Propylbenzene	<0.0065		µg/L	0.0065
	Styrene	<0.0065		µg/L	0.0065
	1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	1,1,2,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	Tetrachloroethene	<0.0065		µg/L	0.0065
	Toluene	<0.0065		µg/L	0.0065
	1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	1,1,2-Trichloroethane	<0.0065		µg/L	0.0065
	Trichloroethene	<0.0065		µg/L	0.0065
	1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Trichlorofluoromethane	<0.0065		µg/L	0.0065
	Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	Vinyl Chloride	<0.0010		µg/L	0.0010
	m,p-Xylenes	<0.0130		µg/L	0.0130
	o-Xylene	<0.0065		µg/L	0.0065
	Isopropanol (IPA)	<0.0650		µg/L	0.0650
99030	C4-C12	<0.6500		µg/L	0.6500

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
951-779-0310 FAX 951-779-0344
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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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QUALITY CONTROL DATA REPORT

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STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported	**10/21/2021**
Date Received	**10/20/2021**
Date Sampled	**10/20/2021**

Project: 235 S. Tremont St., Oceanside, CA 92054

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

ARL

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2110-140

Page ____ of ____

Client Name: Stantec

E-mail: Alicia.Jansen@stantec.com / Jason.Hafliger@stantec.com

Address: 735 E. Carnegie dr, Ste 280, San bernardino, CA

Report Attention: Jason / Alicia | Phone #: 909 255 2221 | Fax: # | Sampled By: KZ

Project No./ Name:

Project Site: 235 S Tremont st. Oceanside

☐ Chilled ☐ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal Mobile

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	B-20-5	10/20/21	7:15	Air	NA	250ml G	X		X							
-2	" -10	"	7:40	"	"	"	"		"							
-3	" -13.5	"	8:05	"	"	"	"		"							
-4	B-19-5	"	8:30	"	"	"	"		"							
-5	" -10	"	8:50	"	"	"	"		"							
-6	" -14.5	"	9:15	"	"	"	"		"							
-7	B-18-5	"	9:50	"	"	"	"		"							
-8	" -10	"	10:10	"	"	"	"		"							
-9	" -13	"	10:35	"	"	"	"		"							
-10	B-17-5	"	11:07	"	"	"	"		"							
-11	" -10	"	11:29	"	"	"	"		"							
-12	" -10 DUP	"	11:29	"	"	"	"		"							
-13	" -15.5	"	12:16	"	"	"	"		"							

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Stantec	10/20/21	12:48	[signature]	ARK	10/20/21	12:48
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-72716-1
Client Project/Site: 2104217900

For:
Stantec Consulting Corp.
735 E Carnegie Drive
Suite 280
San Bernardino, California 92408

Attn: Ms. Alicia Jansen

Authorized for release by:
10/27/2021 9:06:21 AM

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 7
Surrogate Summary 27
QC Sample Results 29
Certification Summary 40
Method Summary 41
Sample Summary 42
Chain of Custody 43
Receipt Checklists 48

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-72716-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-72716-1

Comments
No additional comments.

Receipt
The samples were received on 10/13/2021 1:28 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-187271 and analytical batch 570-187217 were outside control limits: (570-73049-A-1-B MS) and (570-73049-A-1-B MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The following analyte recovered outside control limits for the LCS associated with preparation batch 570-187267 and analytical batch 570-187217: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following analytes recovered outside control limits for the LCSD associated with preparation batch 570-187267 and analytical batch 570-187217: Chloromethane and Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-187876 recovered above the upper control limit for Bromomethane and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SSB-B17-15 (570-72716-27), SSB-B19-15 (570-72716-30), SSB-B18-10 (570-72716-32), SSB-B20-14 (570-72716-35), SSB-B21-14 (570-72716-38), SSB-B22-15 (570-72716-42) and (CCVIS 570-187876/2).

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-187842 and analytical batch 570-187876 recovered outside control limits for the following analytes: Bromomethane and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-187842 and analytical batch 570-187876 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-188080 recovered above the upper control limit for Bromomethane and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SSB-B16-5 (570-72716-39) and (CCVIS 570-188080/3).

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-188085 and analytical batch 570-188080 recovered outside control limits for the following analytes: Bromomethane and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-188085 and analytical batch 570-188080 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Client Sample ID: SSA-B6-5 — Lab Sample ID: 570-72716-1

No Detections.

Client Sample ID: SSA-B6-10 — Lab Sample ID: 570-72716-2

No Detections.

Client Sample ID: SSA-B6-14 — Lab Sample ID: 570-72716-3

No Detections.

Client Sample ID: SSA-B7-5 — Lab Sample ID: 570-72716-4

No Detections.

Client Sample ID: SSA-B7-10 — Lab Sample ID: 570-72716-5

No Detections.

Client Sample ID: SSA-B7-15 — Lab Sample ID: 570-72716-6

No Detections.

Client Sample ID: SSA-B2-5 — Lab Sample ID: 570-72716-7

No Detections.

Client Sample ID: SSA-B2-10 — Lab Sample ID: 570-72716-8

No Detections.

Client Sample ID: SSA-B2-15 — Lab Sample ID: 570-72716-9

No Detections.

Client Sample ID: SSA-B1-5 — Lab Sample ID: 570-72716-10

No Detections.

Client Sample ID: SSA-B1-10 — Lab Sample ID: 570-72716-11

No Detections.

Client Sample ID: SSA-B1-15 — Lab Sample ID: 570-72716-12

No Detections.

Client Sample ID: SSA-B4-5 — Lab Sample ID: 570-72716-13

No Detections.

Client Sample ID: SSA-B4-10 — Lab Sample ID: 570-72716-14

No Detections.

Client Sample ID: SSA-B4-15 — Lab Sample ID: 570-72716-15

No Detections.

Client Sample ID: SSA-B5-5 — Lab Sample ID: 570-72716-16

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Client Sample ID: SSA-B5-10 — Lab Sample ID: 570-72716-17

No Detections.

Client Sample ID: SSA-B5-15 — Lab Sample ID: 570-72716-18

No Detections.

Client Sample ID: SSB-B15-13 — Lab Sample ID: 570-72716-21

No Detections.

Client Sample ID: SSB-B23-14 — Lab Sample ID: 570-72716-24

No Detections.

Client Sample ID: SSB-B17-15 — Lab Sample ID: 570-72716-27

No Detections.

Client Sample ID: SSB-B19-15 — Lab Sample ID: 570-72716-30

No Detections.

Client Sample ID: SSB-B18-10 — Lab Sample ID: 570-72716-32

No Detections.

Client Sample ID: SSB-B20-14 — Lab Sample ID: 570-72716-35

No Detections.

Client Sample ID: SSB-B21-14 — Lab Sample ID: 570-72716-38

No Detections.

Client Sample ID: SSB-B16-5 — Lab Sample ID: 570-72716-39

No Detections.

Client Sample ID: SSB-B22-15 — Lab Sample ID: 570-72716-42

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Client Sample ID: SSA-B6-5
Date Collected: 10/11/21 14:25
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/15/21 09:01	10/15/21 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:01*	*10/15/21 17:32*	*1*

Client Sample ID: SSA-B6-10
Date Collected: 10/11/21 14:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/15/21 09:01	10/15/21 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:01*	*10/15/21 17:58*	*1*

Client Sample ID: SSA-B6-14
Date Collected: 10/11/21 14:45
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		96		ug/Kg		10/15/21 09:01	10/15/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:01*	*10/15/21 18:23*	*1*

Client Sample ID: SSA-B7-5
Date Collected: 10/11/21 12:20
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/15/21 09:01	10/15/21 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/15/21 09:01*	*10/15/21 18:49*	*1*

Client Sample ID: SSA-B7-10
Date Collected: 10/11/21 12:25
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/15/21 09:40	10/15/21 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/15/21 09:40*	*10/15/21 19:14*	*1*

Client Sample ID: SSA-B7-15
Date Collected: 10/11/21 12:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/15/21 09:40	10/15/21 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:40*	*10/15/21 19:40*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Client Sample ID: SSA-B2-5
Date Collected: 10/11/21 11:25
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/15/21 09:40	10/15/21 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:40*	*10/15/21 20:05*	*1*

Client Sample ID: SSA-B2-10
Date Collected: 10/11/21 11:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/15/21 09:40	10/15/21 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:40*	*10/15/21 20:31*	*1*

Client Sample ID: SSA-B2-15
Date Collected: 10/11/21 11:45
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		97		ug/Kg		10/15/21 09:40	10/15/21 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/15/21 09:40*	*10/15/21 20:56*	*1*

Client Sample ID: SSA-B1-5
Date Collected: 10/11/21 09:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		97		ug/Kg		10/18/21 10:01	10/18/21 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 14:18*	*1*

Client Sample ID: SSA-B1-10
Date Collected: 10/11/21 09:40
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/18/21 10:01	10/18/21 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/18/21 10:01*	*10/18/21 14:43*	*1*

Client Sample ID: SSA-B1-15
Date Collected: 10/11/21 09:50
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		97		ug/Kg		10/18/21 10:01	10/18/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/18/21 10:01*	*10/18/21 15:08*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Client Sample ID: SSA-B4-5
Date Collected: 10/11/21 08:40
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/18/21 10:01	10/18/21 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 15:34*	*1*

Client Sample ID: SSA-B4-10
Date Collected: 10/11/21 08:50
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/18/21 10:01	10/18/21 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 15:59*	*1*

Client Sample ID: SSA-B4-15
Date Collected: 10/11/21 08:55
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/18/21 10:01	10/18/21 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 16:24*	*1*

Client Sample ID: SSA-B5-5
Date Collected: 10/11/21 13:17
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/18/21 10:01	10/18/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 16:49*	*1*

Client Sample ID: SSA-B5-10
Date Collected: 10/11/21 13:23
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/18/21 10:01	10/18/21 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 17:14*	*1*

Client Sample ID: SSA-B5-15
Date Collected: 10/11/21 13:40
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-18
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/18/21 10:01	10/18/21 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 17:39*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Client Sample ID: SSB-B15-13
Date Collected: 10/13/21 09:15
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 18:05*	*1*

Client Sample ID: SSB-B23-14
Date Collected: 10/13/21 07:54
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 18:30*	*1*

Client Sample ID: SSB-B17-15
Date Collected: 10/12/21 07:48
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/20/21 14:20	10/20/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:05*	*1*

Client Sample ID: SSB-B19-15
Date Collected: 10/12/21 08:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:30*	*1*

Client Sample ID: SSB-B18-10
Date Collected: 10/12/21 09:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:55*	*1*

Client Sample ID: SSB-B20-14
Date Collected: 10/12/21 10:38
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/20/21 14:20*	*10/20/21 19:20*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Client Sample ID: SSB-B21-14
Date Collected: 10/12/21 12:20
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 19:45*	*1*

Client Sample ID: SSB-B16-5
Date Collected: 10/12/21 13:04
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/21/21 12:19	10/21/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/21/21 12:19*	*10/21/21 16:49*	*1*

Client Sample ID: SSB-B22-15
Date Collected: 10/12/21 13:50
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-42
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/20/21 14:20	10/20/21 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 20:10*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SSB-B15-13
Date Collected: 10/13/21 09:15
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1-Dichloroethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1-Dichloroethene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2-Dibromoethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2-Dichloroethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,2-Dichloropropane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,3-Dichloropropane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
2-Butanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
2-Chlorotoluene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
2-Hexanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
4-Chlorotoluene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Acetone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Benzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Bromobenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Bromochloromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Bromodichloromethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Bromoform	ND		5.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Bromomethane	ND	*+	20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Carbon disulfide	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Carbon tetrachloride	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Chlorobenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Chloroethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Chloroform	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Chloromethane	ND	*+	20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Dibromochloromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Dibromomethane	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Ethanol	ND		250		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Ethylbenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B15-13
Date Collected: 10/13/21 09:15
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Methylene Chloride	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Naphthalene	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
n-Butylbenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
N-Propylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
o-Xylene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
m,p-Xylene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
p-Isopropyltoluene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
sec-Butylbenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Styrene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
tert-Butylbenzene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Tetrachloroethene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Toluene	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Trichloroethene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Trichlorofluoromethane	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Vinyl acetate	ND		9.9		ug/Kg		10/18/21 10:01	10/18/21 18:05	1
Vinyl chloride	ND		0.99		ug/Kg		10/18/21 10:01	10/18/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 141*	*10/18/21 10:01*	*10/18/21 18:05*	*1*
4-Bromofluorobenzene (Surr)	*91*		*76 - 120*	*10/18/21 10:01*	*10/18/21 18:05*	*1*
Dibromofluoromethane (Surr)	*91*		*47 - 142*	*10/18/21 10:01*	*10/18/21 18:05*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/18/21 10:01*	*10/18/21 18:05*	*1*

Client Sample ID: SSB-B23-14
Date Collected: 10/13/21 07:54
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1-Dichloroethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1-Dichloroethene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2-Dibromoethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2-Dichloroethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,2-Dichloropropane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B23-14
Date Collected: 10/13/21 07:54
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,3-Dichloropropane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
2,2-Dichloropropane	ND		4.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
2-Butanone	ND		19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
2-Chlorotoluene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
2-Hexanone	ND		19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
4-Chlorotoluene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Acetone	ND		19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Benzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Bromobenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Bromochloromethane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Bromodichloromethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Bromoform	ND		4.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Bromomethane	ND	*+	19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Carbon disulfide	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Carbon tetrachloride	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Chlorobenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Chloroethane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Chloroform	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Chloromethane	ND	*+	19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Dibromochloromethane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Dibromomethane	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Di-isopropyl ether (DIPE)	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Ethanol	ND		240		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Ethylbenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Isopropylbenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Methylene Chloride	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Naphthalene	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
n-Butylbenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
N-Propylbenzene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
o-Xylene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
m,p-Xylene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
p-Isopropyltoluene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
sec-Butylbenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Styrene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Tert-amyl-methyl ether (TAME)	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
tert-Butylbenzene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Tetrachloroethene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B23-14
Date Collected: 10/13/21 07:54
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Trichloroethene	ND		1.9		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Trichlorofluoromethane	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Vinyl acetate	ND		9.7		ug/Kg		10/18/21 10:01	10/18/21 18:30	1
Vinyl chloride	ND		0.97		ug/Kg		10/18/21 10:01	10/18/21 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 141*	*10/18/21 10:01*	*10/18/21 18:30*	*1*
4-Bromofluorobenzene (Surr)	*91*		*76 - 120*	*10/18/21 10:01*	*10/18/21 18:30*	*1*
Dibromofluoromethane (Surr)	*90*		*47 - 142*	*10/18/21 10:01*	*10/18/21 18:30*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 18:30*	*1*

Client Sample ID: SSB-B17-15
Date Collected: 10/12/21 07:48
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
2-Butanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
2-Hexanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Acetone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Benzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Bromobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Bromodichloromethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Bromoform	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Bromomethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B17-15
Date Collected: 10/12/21 07:48
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Carbon disulfide	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Chlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Chloroform	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Chloromethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Dibromomethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Ethanol	ND		250		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Ethylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Isopropylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Methylene Chloride	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Naphthalene	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
n-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
o-Xylene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Styrene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Tetrachloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Toluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Trichlorofluoromethane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Vinyl acetate	ND		10		ug/Kg		10/20/21 14:20	10/20/21 18:05	1
Vinyl chloride	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 141*	*10/20/21 14:20*	*10/20/21 18:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*	*10/20/21 14:20*	*10/20/21 18:05*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*10/20/21 14:20*	*10/20/21 18:05*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:05*	*1*

Client Sample ID: SSB-B19-15
Date Collected: 10/12/21 08:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B19-15
Date Collected: 10/12/21 08:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1-Dichloroethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1-Dichloroethene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2-Dibromoethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2-Dichloroethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,2-Dichloropropane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,3-Dichloropropane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
2,2-Dichloropropane	ND		4.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
2-Butanone	ND		19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
2-Chlorotoluene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
2-Hexanone	ND		19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
4-Chlorotoluene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Acetone	ND		19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Benzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Bromobenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Bromochloromethane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Bromodichloromethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Bromoform	ND		4.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Bromomethane	ND	*+	19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Carbon disulfide	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Carbon tetrachloride	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Chlorobenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Chloroethane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Chloroform	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Chloromethane	ND	*+	19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Dibromochloromethane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Dibromomethane	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Di-isopropyl ether (DIPE)	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Ethanol	ND		240		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Ethylbenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Isopropylbenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Methylene Chloride	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B19-15
Date Collected: 10/12/21 08:35
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Naphthalene	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
n-Butylbenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
N-Propylbenzene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
o-Xylene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
m,p-Xylene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
p-Isopropyltoluene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
sec-Butylbenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Styrene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Tert-amyl-methyl ether (TAME)	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
tert-Butylbenzene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Tetrachloroethene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Toluene	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Trichloroethene	ND		1.9		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Trichlorofluoromethane	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Vinyl acetate	ND		9.7		ug/Kg		10/20/21 14:20	10/20/21 18:30	1
Vinyl chloride	ND		0.97		ug/Kg		10/20/21 14:20	10/20/21 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*	*10/20/21 14:20*	*10/20/21 18:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*10/20/21 14:20*	*10/20/21 18:30*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*10/20/21 14:20*	*10/20/21 18:30*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:30*	*1*

Client Sample ID: SSB-B18-10
Date Collected: 10/12/21 09:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1-Dichloroethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1-Dichloroethene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2-Dibromoethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2-Dichloroethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,2-Dichloropropane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B18-10
Date Collected: 10/12/21 09:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
2,2-Dichloropropane	ND		4.9		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
2-Butanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
2-Chlorotoluene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
2-Hexanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
4-Chlorotoluene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Acetone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Benzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Bromobenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Bromodichloromethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Bromoform	ND		4.9		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Bromomethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Carbon disulfide	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Carbon tetrachloride	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Chlorobenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Chloroform	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Chloromethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Dibromomethane	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Di-isopropyl ether (DIPE)	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Ethanol	ND		240		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Ethylbenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Isopropylbenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Methylene Chloride	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Naphthalene	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
n-Butylbenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
o-Xylene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
p-Isopropyltoluene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
sec-Butylbenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Styrene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Tert-amyl-methyl ether (TAME)	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
tert-Butylbenzene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Tetrachloroethene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Toluene	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 18:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B18-10
Date Collected: 10/12/21 09:30
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Vinyl acetate	ND		9.8		ug/Kg		10/20/21 14:20	10/20/21 18:55	1
Vinyl chloride	ND		0.98		ug/Kg		10/20/21 14:20	10/20/21 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*	*10/20/21 14:20*	*10/20/21 18:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*10/20/21 14:20*	*10/20/21 18:55*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*10/20/21 14:20*	*10/20/21 18:55*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/20/21 14:20*	*10/20/21 18:55*	*1*

Client Sample ID: SSB-B20-14
Date Collected: 10/12/21 10:38
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1-Dichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2-Dibromoethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2-Dichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,2-Dichloropropane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,3-Dichloropropane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
2-Butanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
2-Chlorotoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
2-Hexanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
4-Chlorotoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Acetone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Benzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Bromobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Bromodichloromethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Bromoform	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Bromomethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B20-14
Date Collected: 10/12/21 10:38
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Carbon tetrachloride	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Chlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Chloroform	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Chloromethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Dibromomethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Ethanol	ND		250		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Ethylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Isopropylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Methylene Chloride	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Naphthalene	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
n-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
o-Xylene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
p-Isopropyltoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
sec-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Styrene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
tert-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Tetrachloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Toluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Trichlorofluoromethane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Vinyl acetate	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:20	1
Vinyl chloride	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 141*	*10/20/21 14:20*	*10/20/21 19:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*10/20/21 14:20*	*10/20/21 19:20*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*10/20/21 14:20*	*10/20/21 19:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 19:20*	*1*

Client Sample ID: SSB-B21-14
Date Collected: 10/12/21 12:20
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B21-14
Date Collected: 10/12/21 12:20
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1-Dichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2-Dibromoethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2-Dichloroethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,2-Dichloropropane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,3-Dichloropropane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
2-Butanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
2-Chlorotoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
2-Hexanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
4-Chlorotoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Acetone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Benzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Bromobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Bromodichloromethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Bromoform	ND		5.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Bromomethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Carbon disulfide	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Carbon tetrachloride	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Chlorobenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Chloroform	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Chloromethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Dibromomethane	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Ethanol	ND		250		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Ethylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Isopropylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Methylene Chloride	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Naphthalene	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B21-14
Date Collected: 10/12/21 12:20
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
o-Xylene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
p-Isopropyltoluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
sec-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Styrene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
tert-Butylbenzene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Tetrachloroethene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Toluene	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Trichlorofluoromethane	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Vinyl acetate	ND		9.9		ug/Kg		10/20/21 14:20	10/20/21 19:45	1
Vinyl chloride	ND		0.99		ug/Kg		10/20/21 14:20	10/20/21 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 141*	*10/20/21 14:20*	*10/20/21 19:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*10/20/21 14:20*	*10/20/21 19:45*	*1*
Dibromofluoromethane (Surr)	*88*		*47 - 142*	*10/20/21 14:20*	*10/20/21 19:45*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 19:45*	*1*

Client Sample ID: SSB-B16-5
Date Collected: 10/12/21 13:04
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B16-5
Date Collected: 10/12/21 13:04
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		5.1		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
2-Butanone	ND		20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
2-Hexanone	ND		20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Acetone	ND		20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Benzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Bromobenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Bromochloromethane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Bromodichloromethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Bromoform	ND		5.1		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Bromomethane	ND	*+	20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Carbon disulfide	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Chlorobenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Chloroethane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Chloroform	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Chloromethane	ND	*+	20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Dibromochloromethane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Dibromomethane	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Ethanol	ND		250		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Ethylbenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Isopropylbenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Methylene Chloride	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Naphthalene	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
n-Butylbenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
N-Propylbenzene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
o-Xylene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
m,p-Xylene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Styrene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Tetrachloroethene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Toluene	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Trichloroethene	ND		2.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Trichlorofluoromethane	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1
Vinyl acetate	ND		10		ug/Kg		10/21/21 12:19	10/21/21 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B16-5
Date Collected: 10/12/21 13:04
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0		ug/Kg		10/21/21 12:19	10/21/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 141*	*10/21/21 12:19*	*10/21/21 16:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*	*10/21/21 12:19*	*10/21/21 16:49*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*10/21/21 12:19*	*10/21/21 16:49*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/21/21 12:19*	*10/21/21 16:49*	*1*

Client Sample ID: SSB-B22-15
Date Collected: 10/12/21 13:50
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-42
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
2,2-Dichloropropane	ND		5.1		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
2-Butanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
2-Hexanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Acetone	ND		20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Benzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Bromobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Bromodichloromethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Bromoform	ND		5.1		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Bromomethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Carbon disulfide	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SSB-B22-15
Date Collected: 10/12/21 13:50
Date Received: 10/13/21 13:28

Lab Sample ID: 570-72716-42
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Chloroform	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Chloromethane	ND	*+	20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Dibromomethane	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Ethanol	ND		250		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Ethylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Isopropylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Methylene Chloride	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Naphthalene	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
n-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
o-Xylene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Styrene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Tetrachloroethene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Toluene	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Trichlorofluoromethane	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Vinyl acetate	ND		10		ug/Kg		10/20/21 14:20	10/20/21 20:10	1
Vinyl chloride	ND		1.0		ug/Kg		10/20/21 14:20	10/20/21 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 141*	*10/20/21 14:20*	*10/20/21 20:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*10/20/21 14:20*	*10/20/21 20:10*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*10/20/21 14:20*	*10/20/21 20:10*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 14:20*	*10/20/21 20:10*	*1*

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-72716-21	SSB-B15-13	95	91	91	95
570-72716-24	SSB-B23-14	95	91	90	96
570-72716-27	SSB-B17-15	95	101	87	97
570-72716-30	SSB-B19-15	94	99	87	96
570-72716-32	SSB-B18-10	94	99	87	95
570-72716-35	SSB-B20-14	98	99	89	96
570-72716-38	SSB-B21-14	96	99	88	96
570-72716-39	SSB-B16-5	110	100	94	96
570-72716-42	SSB-B22-15	96	99	89	96
LCS 570-187267/1-A	Lab Control Sample	86	91	96	99
LCS 570-187842/1-A	Lab Control Sample	96	101	98	100
LCS 570-188085/1-A	Lab Control Sample	99	103	99	100
LCSD 570-187267/2-A	Lab Control Sample Dup	88	92	97	99
LCSD 570-187842/2-A	Lab Control Sample Dup	97	101	97	99
LCSD 570-188085/2-A	Lab Control Sample Dup	98	102	98	100
MB 570-187267/3-A	Method Blank	91	92	89	96
MB 570-187842/3-A	Method Blank	98	101	89	95
MB 570-188085/3-A	Method Blank	103	100	90	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TOL
Lab Sample ID	Client Sample ID	(80-120)
570-72716-1	SSA-B6-5	96
570-72716-2	SSA-B6-10	96
570-72716-3	SSA-B6-14	96
570-72716-4	SSA-B7-5	95
570-72716-5	SSA-B7-10	97
570-72716-6	SSA-B7-15	96
570-72716-7	SSA-B2-5	96
570-72716-8	SSA-B2-10	96
570-72716-9	SSA-B2-15	96
570-72716-10	SSA-B1-5	96
570-72716-11	SSA-B1-10	95
570-72716-12	SSA-B1-15	95
570-72716-13	SSA-B4-5	96
570-72716-14	SSA-B4-10	96
570-72716-15	SSA-B4-15	96
570-72716-16	SSA-B5-5	96
570-72716-17	SSA-B5-10	96
570-72716-18	SSA-B5-15	96
570-72716-21	SSB-B15-13	96

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TOL (80-120)							
570-72716-24	SSB-B23-14	96							
570-72716-27	SSB-B17-15	97							
570-72716-30	SSB-B19-15	96							
570-72716-32	SSB-B18-10	96							
570-72716-35	SSB-B20-14	97							
570-72716-38	SSB-B21-14	96							
570-72716-39	SSB-B16-5	96							
570-72716-42	SSB-B22-15	96							
LCS 570-186769/1-A	Lab Control Sample	99							
LCS 570-187267/1-A	Lab Control Sample	99							
LCS 570-187842/1-A	Lab Control Sample	98							
LCS 570-188085/1-A	Lab Control Sample	99							
LCSD 570-186769/2-A	Lab Control Sample Dup	99							
LCSD 570-187267/2-A	Lab Control Sample Dup	98							
LCSD 570-187842/2-A	Lab Control Sample Dup	98							
LCSD 570-188085/2-A	Lab Control Sample Dup	99							
MB 570-186769/3-A	Method Blank	96							
MB 570-187267/3-A	Method Blank	96							
MB 570-187842/3-A	Method Blank	96							
MB 570-188085/3-A	Method Blank	96							

Surrogate Legend

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-187267/3-A
Matrix: Solid
Analysis Batch: 187217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187267

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
2-Butanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
2-Hexanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Acetone	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Benzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Bromobenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Bromochloromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Bromodichloromethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Bromoform	ND		5.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Bromomethane	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Carbon disulfide	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Chlorobenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Chloroethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Chloroform	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Chloromethane	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Dibromochloromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Dibromomethane	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Ethanol	ND		250		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Ethylbenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-187267/3-A
Matrix: Solid
Analysis Batch: 187217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187267

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Isopropylbenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Methylene Chloride	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Naphthalene	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
n-Butylbenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
N-Propylbenzene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
o-Xylene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
m,p-Xylene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Styrene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Tetrachloroethene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Toluene	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Trichloroethene	ND		2.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Trichlorofluoromethane	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Vinyl acetate	ND		10		ug/Kg		10/18/21 10:01	10/18/21 13:27	1
Vinyl chloride	ND		1.0		ug/Kg		10/18/21 10:01	10/18/21 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 141*	*10/18/21 10:01*	*10/18/21 13:27*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*	*10/18/21 10:01*	*10/18/21 13:27*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*10/18/21 10:01*	*10/18/21 13:27*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/18/21 10:01*	*10/18/21 13:27*	*1*

Lab Sample ID: LCS 570-187267/1-A
Matrix: Solid
Analysis Batch: 187217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.1	46.68		ug/Kg		93	68 - 120
1,2-Dibromoethane	50.1	44.02		ug/Kg		88	80 - 120
1,2-Dichlorobenzene	50.1	51.30		ug/Kg		102	80 - 120
1,2-Dichloroethane	50.1	41.08		ug/Kg		82	76 - 126
Benzene	50.1	45.77		ug/Kg		91	76 - 120
Carbon tetrachloride	50.1	46.89		ug/Kg		94	68 - 132
Chlorobenzene	50.1	46.66		ug/Kg		93	80 - 120
Di-isopropyl ether (DIPE)	50.1	43.60		ug/Kg		87	69 - 123
Ethanol	501	568.4		ug/Kg		113	46 - 152
Ethylbenzene	50.1	45.19		ug/Kg		90	80 - 120
Ethyl-t-butyl ether (ETBE)	50.1	43.30		ug/Kg		86	69 - 121
Methyl-t-Butyl Ether (MTBE)	50.1	40.75		ug/Kg		81	70 - 120
o-Xylene	50.1	43.71		ug/Kg		87	76 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-187267/1-A
Matrix: Solid
Analysis Batch: 187217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187267

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			100	87.77		ug/Kg		88	75 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 141*
4-Bromofluorobenzene (Surr)	*91*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*47 - 142*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-187267/2-A
Matrix: Solid
Analysis Batch: 187217

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187267

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.3	47.32		ug/Kg		94	68 - 120	1	20
1,2-Dibromoethane			50.3	45.46		ug/Kg		90	80 - 120	3	20
1,2-Dichlorobenzene			50.3	52.12		ug/Kg		104	80 - 120	2	20
1,2-Dichloroethane			50.3	42.01		ug/Kg		84	76 - 126	2	20
Benzene			50.3	45.99		ug/Kg		91	76 - 120	0	20
Carbon tetrachloride			50.3	47.35		ug/Kg		94	68 - 132	1	20
Chlorobenzene			50.3	47.25		ug/Kg		94	80 - 120	1	20
Di-isopropyl ether (DIPE)			50.3	44.81		ug/Kg		89	69 - 123	3	20
Ethanol			503	590.3		ug/Kg		117	46 - 152	4	30
Ethylbenzene			50.3	45.36		ug/Kg		90	80 - 120	0	20
Ethyl-t-butyl ether (ETBE)			50.3	44.70		ug/Kg		89	69 - 121	3	20
Methyl-t-Butyl Ether (MTBE)			50.3	42.77		ug/Kg		85	70 - 120	5	20
o-Xylene			50.3	44.25		ug/Kg		88	76 - 125	1	20
m,p-Xylene			101	87.66		ug/Kg		87	75 - 122	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 141*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*47 - 142*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-187842/3-A
Matrix: Solid
Analysis Batch: 187876

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187842

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1-Dichloroethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1-Dichloroethene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-187842/3-A
Matrix: Solid
Analysis Batch: 187876

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187842

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2-Dibromoethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2-Dichloroethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,2-Dichloropropane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,3-Dichloropropane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
2,2-Dichloropropane	ND		4.9		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
2-Butanone	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
2-Chlorotoluene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
2-Hexanone	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
4-Chlorotoluene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Acetone	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Benzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Bromobenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Bromochloromethane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Bromodichloromethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Bromoform	ND		4.9		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Bromomethane	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Carbon disulfide	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Carbon tetrachloride	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Chlorobenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Chloroethane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Chloroform	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Chloromethane	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Dibromochloromethane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Dibromomethane	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Di-isopropyl ether (DIPE)	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Ethanol	ND		250		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Ethylbenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Isopropylbenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Methylene Chloride	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Naphthalene	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
n-Butylbenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
N-Propylbenzene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
o-Xylene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
m,p-Xylene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
p-Isopropyltoluene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-187842/3-A
Matrix: Solid
Analysis Batch: 187876

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187842

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Styrene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Tert-amyl-methyl ether (TAME)	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
tert-Butylbenzene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Tetrachloroethene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Toluene	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Trichloroethene	ND		2.0		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Trichlorofluoromethane	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Vinyl acetate	ND		9.8		ug/Kg		10/20/21 09:40	10/20/21 14:44	1
Vinyl chloride	ND		0.98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 141*	*10/20/21 09:40*	*10/20/21 14:44*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*	*10/20/21 09:40*	*10/20/21 14:44*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*10/20/21 09:40*	*10/20/21 14:44*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/20/21 09:40*	*10/20/21 14:44*	*1*

Lab Sample ID: LCS 570-187842/1-A
Matrix: Solid
Analysis Batch: 187876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.1	53.63		ug/Kg		107	68 - 120
1,2-Dibromoethane	50.1	48.68		ug/Kg		97	80 - 120
1,2-Dichlorobenzene	50.1	52.38		ug/Kg		105	80 - 120
1,2-Dichloroethane	50.1	50.73		ug/Kg		101	76 - 126
Benzene	50.1	49.68		ug/Kg		99	76 - 120
Carbon tetrachloride	50.1	50.09		ug/Kg		100	68 - 132
Chlorobenzene	50.1	51.81		ug/Kg		103	80 - 120
Di-isopropyl ether (DIPE)	50.1	51.73		ug/Kg		103	69 - 123
Ethanol	501	618.5		ug/Kg		123	46 - 152
Ethylbenzene	50.1	51.73		ug/Kg		103	80 - 120
Ethyl-t-butyl ether (ETBE)	50.1	47.91		ug/Kg		96	69 - 121
Methyl-t-Butyl Ether (MTBE)	50.1	43.81		ug/Kg		87	70 - 120
o-Xylene	50.1	49.87		ug/Kg		100	76 - 125
m,p-Xylene	100	101.3		ug/Kg		101	75 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 141*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*47 - 142*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-187842/2-A
Matrix: Solid
Analysis Batch: 187876

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187842

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.2	52.16		ug/Kg		104	68 - 120	3	20
1,2-Dibromoethane			50.2	48.62		ug/Kg		97	80 - 120	0	20
1,2-Dichlorobenzene			50.2	50.82		ug/Kg		101	80 - 120	3	20
1,2-Dichloroethane			50.2	49.92		ug/Kg		99	76 - 126	2	20
Benzene			50.2	48.13		ug/Kg		96	76 - 120	3	20
Carbon tetrachloride			50.2	48.75		ug/Kg		97	68 - 132	3	20
Chlorobenzene			50.2	50.24		ug/Kg		100	80 - 120	3	20
Di-isopropyl ether (DIPE)			50.2	50.62		ug/Kg		101	69 - 123	2	20
Ethanol			502	612.3		ug/Kg		122	46 - 152	1	30
Ethylbenzene			50.2	49.92		ug/Kg		99	80 - 120	4	20
Ethyl-t-butyl ether (ETBE)			50.2	47.32		ug/Kg		94	69 - 121	1	20
Methyl-t-Butyl Ether (MTBE)			50.2	44.22		ug/Kg		88	70 - 120	1	20
o-Xylene			50.2	48.48		ug/Kg		97	76 - 125	3	20
m,p-Xylene			100	98.31		ug/Kg		98	75 - 122	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*47 - 142*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-188085/3-A
Matrix: Solid
Analysis Batch: 188080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 188085

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1-Dichloroethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1-Dichloroethene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2-Dibromoethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2-Dichloroethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,2-Dichloropropane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,3-Dichloropropane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
2,2-Dichloropropane	ND		5.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-188085/3-A
Matrix: Solid
Analysis Batch: 188080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 188085

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
2-Chlorotoluene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
2-Hexanone	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
4-Chlorotoluene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Acetone	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Benzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Bromobenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Bromochloromethane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Bromodichloromethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Bromoform	ND		5.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Bromomethane	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Carbon disulfide	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Carbon tetrachloride	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Chlorobenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Chloroethane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Chloroform	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Chloromethane	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Dibromochloromethane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Dibromomethane	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Ethanol	ND		250		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Ethylbenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Isopropylbenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Methylene Chloride	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Naphthalene	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
n-Butylbenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
N-Propylbenzene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
o-Xylene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
m,p-Xylene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
p-Isopropyltoluene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
sec-Butylbenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Styrene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
tert-Butylbenzene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Tetrachloroethene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Toluene	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Trichloroethene	ND		2.0		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Trichlorofluoromethane	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Vinyl acetate	ND		9.9		ug/Kg		10/21/21 08:11	10/21/21 10:28	1
Vinyl chloride	ND		0.99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 141	10/21/21 08:11	10/21/21 10:28	1
4-Bromofluorobenzene (Surr)	100		76 - 120	10/21/21 08:11	10/21/21 10:28	1
Dibromofluoromethane (Surr)	90		47 - 142	10/21/21 08:11	10/21/21 10:28	1
Toluene-d8 (Surr)	96		80 - 120	10/21/21 08:11	10/21/21 10:28	1

Lab Sample ID: LCS 570-188085/1-A
Matrix: Solid
Analysis Batch: 188080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 188085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	49.9	52.81		ug/Kg		106	68 - 120
1,2-Dibromoethane	49.9	48.11		ug/Kg		96	80 - 120
1,2-Dichlorobenzene	49.9	51.02		ug/Kg		102	80 - 120
1,2-Dichloroethane	49.9	50.68		ug/Kg		102	76 - 126
Benzene	49.9	48.77		ug/Kg		98	76 - 120
Carbon tetrachloride	49.9	50.07		ug/Kg		100	68 - 132
Chlorobenzene	49.9	51.12		ug/Kg		102	80 - 120
Di-isopropyl ether (DIPE)	49.9	51.20		ug/Kg		103	69 - 123
Ethanol	499	667.6		ug/Kg		134	46 - 152
Ethylbenzene	49.9	51.00		ug/Kg		102	80 - 120
Ethyl-t-butyl ether (ETBE)	49.9	47.36		ug/Kg		95	69 - 121
Methyl-t-Butyl Ether (MTBE)	49.9	43.60		ug/Kg		87	70 - 120
o-Xylene	49.9	49.60		ug/Kg		99	76 - 125
m,p-Xylene	99.8	100.1		ug/Kg		100	75 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		64 - 141
4-Bromofluorobenzene (Surr)	103		76 - 120
Dibromofluoromethane (Surr)	99		47 - 142
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-188085/2-A
Matrix: Solid
Analysis Batch: 188080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 188085

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	49.1	51.75		ug/Kg		105	68 - 120	2	20
1,2-Dibromoethane	49.1	47.30		ug/Kg		96	80 - 120	2	20
1,2-Dichlorobenzene	49.1	50.29		ug/Kg		102	80 - 120	1	20
1,2-Dichloroethane	49.1	50.00		ug/Kg		102	76 - 126	1	20
Benzene	49.1	48.23		ug/Kg		98	76 - 120	1	20
Carbon tetrachloride	49.1	49.10		ug/Kg		100	68 - 132	2	20
Chlorobenzene	49.1	50.61		ug/Kg		103	80 - 120	1	20
Di-isopropyl ether (DIPE)	49.1	50.32		ug/Kg		102	69 - 123	2	20
Ethanol	491	671.8		ug/Kg		137	46 - 152	1	30
Ethylbenzene	49.1	50.25		ug/Kg		102	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)	49.1	46.65		ug/Kg		95	69 - 121	2	20
Methyl-t-Butyl Ether (MTBE)	49.1	42.76		ug/Kg		87	70 - 120	2	20
o-Xylene	49.1	49.01		ug/Kg		100	76 - 125	1	20
m,p-Xylene	98.2	98.65		ug/Kg		100	75 - 122	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-188085/2-A
Matrix: Solid
Analysis Batch: 188080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 188085

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		64 - 141
4-Bromofluorobenzene (Surr)	102		76 - 120
Dibromofluoromethane (Surr)	98		47 - 142
Toluene-d8 (Surr)	100		80 - 120

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-186769/3-A
Matrix: Solid
Analysis Batch: 186700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186769

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/15/21 09:01	10/15/21 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120	10/15/21 09:01	10/15/21 12:00	1

Lab Sample ID: LCS 570-186769/1-A
Matrix: Solid
Analysis Batch: 186700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186769

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPPH			1010	892.8		ug/Kg		88	65 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-186769/2-A
Matrix: Solid
Analysis Batch: 186700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186769

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPPH			1000	838.2		ug/Kg		84	65 - 135	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 570-187267/3-A
Matrix: Solid
Analysis Batch: 187216

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187267

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		100		ug/Kg		10/18/21 10:01	10/18/21 13:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120	10/18/21 10:01	10/18/21 13:27	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 570-187267/1-A
Matrix: Solid
Analysis Batch: 187216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187267

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPPH			1000	877.2		ug/Kg		88	65 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-187267/2-A
Matrix: Solid
Analysis Batch: 187216

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187267

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPPH			1010	841.0		ug/Kg		84	65 - 135	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 570-187842/3-A
Matrix: Solid
Analysis Batch: 187877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187842

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		98		ug/Kg		10/20/21 09:40	10/20/21 14:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/20/21 09:40*	*10/20/21 14:44*	*1*

Lab Sample ID: LCS 570-187842/1-A
Matrix: Solid
Analysis Batch: 187877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187842

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPPH			1000	932.5		ug/Kg		93	65 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-187842/2-A
Matrix: Solid
Analysis Batch: 187877

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187842

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPPH			1000	987.9		ug/Kg		98	65 - 135	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 570-188085/3-A
Matrix: Solid
Analysis Batch: 188079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 188085

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		99		ug/Kg		10/21/21 08:11	10/21/21 10:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/21/21 08:11*	*10/21/21 10:28*	*1*

Lab Sample ID: LCS 570-188085/1-A
Matrix: Solid
Analysis Batch: 188079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 188085

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPPH			998	926.1		ug/Kg		93	65 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-188085/2-A
Matrix: Solid
Analysis Batch: 188079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 188085

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPPH			982	959.0		ug/Kg		98	65 - 135	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-22
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-22
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-12-22

Method Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	ECL 2
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: 2104217900

Job ID: 570-72716-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-72716-1	SSA-B6-5	Solid	10/11/21 14:25	10/13/21 13:28
570-72716-2	SSA-B6-10	Solid	10/11/21 14:35	10/13/21 13:28
570-72716-3	SSA-B6-14	Solid	10/11/21 14:45	10/13/21 13:28
570-72716-4	SSA-B7-5	Solid	10/11/21 12:20	10/13/21 13:28
570-72716-5	SSA-B7-10	Solid	10/11/21 12:25	10/13/21 13:28
570-72716-6	SSA-B7-15	Solid	10/11/21 12:35	10/13/21 13:28
570-72716-7	SSA-B2-5	Solid	10/11/21 11:25	10/13/21 13:28
570-72716-8	SSA-B2-10	Solid	10/11/21 11:30	10/13/21 13:28
570-72716-9	SSA-B2-15	Solid	10/11/21 11:45	10/13/21 13:28
570-72716-10	SSA-B1-5	Solid	10/11/21 09:30	10/13/21 13:28
570-72716-11	SSA-B1-10	Solid	10/11/21 09:40	10/13/21 13:28
570-72716-12	SSA-B1-15	Solid	10/11/21 09:50	10/13/21 13:28
570-72716-13	SSA-B4-5	Solid	10/11/21 08:40	10/13/21 13:28
570-72716-14	SSA-B4-10	Solid	10/11/21 08:50	10/13/21 13:28
570-72716-15	SSA-B4-15	Solid	10/11/21 08:55	10/13/21 13:28
570-72716-16	SSA-B5-5	Solid	10/11/21 13:17	10/13/21 13:28
570-72716-17	SSA-B5-10	Solid	10/11/21 13:23	10/13/21 13:28
570-72716-18	SSA-B5-15	Solid	10/11/21 13:40	10/13/21 13:28
570-72716-21	SSB-B15-13	Solid	10/13/21 09:15	10/13/21 13:28
570-72716-24	SSB-B23-14	Solid	10/13/21 07:54	10/13/21 13:28
570-72716-27	SSB-B17-15	Solid	10/12/21 07:48	10/13/21 13:28
570-72716-30	SSB-B19-15	Solid	10/12/21 08:35	10/13/21 13:28
570-72716-32	SSB-B18-10	Solid	10/12/21 09:30	10/13/21 13:28
570-72716-35	SSB-B20-14	Solid	10/12/21 10:38	10/13/21 13:28
570-72716-38	SSB-B21-14	Solid	10/12/21 12:20	10/13/21 13:28
570-72716-39	SSB-B16-5	Solid	10/12/21 13:04	10/13/21 13:28
570-72716-42	SSB-B22-15	Solid	10/12/21 13:50	10/13/21 13:28

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CHAIN OF CUSTODY RECORD

DATE 10-13-21

PAGE 1 OF 5

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LABORATORY CLIENT: STANTEC CONSULTING SERVICES INC.

ADDRESS: 735 E. CARNEGIE DRIVE, SUITE 280

CITY: SAN BERNADINO STATE: CA ZIP: 92408

TEL. 909-255-8213 909-654-8342

E-MAIL: ALICIA.JANSEN@STANTEC.COM

CLIENT PROJECT NAME / NUMBER: 2014217900

PO NO:

PROJECT CONTACT: ALICIA JANSEN

SAMPLER(S) (PRINT): M. MASON

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID: | ECI PROJECT NO: | LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	TPH ☐ GRO	TPH ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH GAS 8260 B (ONLY)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	SSA-B6-5	10-11-21	1425	SOIL	1	X						X										
2	SSA-B6-10		1435		1							X										
3	SSA-B6-14		1445		1							X										
4	SSA-B7-5		1220		1							X										
5	SSA-B7-10		1225		1							X										
6	SSA-B7-15		1235		1							X										
7	SSA-B2-5		1125		1							X										
8	SSA-B2-10		1130		1							X										
9	SSA-B2-15		1145		1							X										
~~10~~																						

570-72716 Chain of Custody

Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
MARK MASON	ECI	10-13-2021	13:28
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date.	Time

2.6 13.5 SCS

06/02/14 Revision

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CHAIN OF CUSTODY RECORD

DATE 10-13-21

PAGE 2 OF 5

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LABORATORY CLIENT: STANTEC CONSULTING SERVICES INC.

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CITY: SAN BERNADINO STATE: CA ZIP: 92408

TEL. 909-255-8213 909-654-8342

E-MAIL. ALICIA.JANSEN@STANTEC.COM

CLIENT PROJECT NAME / NUMBER: 2014217900

PO NO

PROJECT CONTACT: ALICIA JANSEN

SAMPLER(S). (PRINT): M. MASON

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID: | ECI PROJECT NO | LOG CODE

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

	LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH (MS by 8260 B only)	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI): ☐ 7196 ☐ 7199 ☐ 218.6				
10	#1	SSA-B1-5	10-11-21	0930	SOIL	1	X						X														
11	#2	SSA-B1-10		0940		1							X														
12	#3	SSA-B1-15		0950		1							X														
13	#4	SSA-B4-5		0840		1							X														
14	#5	SSA-B4-10		0850		1							X														
15	#6	SSA-B4-15		0855		1							X														
16	#7	SSA-B5-5		1317		1							X														
17	#8	SSA-B5-10		1323		1							X														
18	#9	SSA-B5-15	↓	1340	↓	1	↓						X														

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CHAIN OF CUSTODY RECORD

DATE 10-13-21

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LABORATORY CLIENT: STANTEC CONSULTING SERVICES INC.

ADDRESS: 735 E. CARNELIE DRIVE, SUITE 260

CITY: SAN BERNARDINO STATE: CA ZIP: 92408

TEL. 909-255-8213 909-654-8342 E-MAIL. ALICIA.JANSEN@STANTEC.COM

CLIENT PROJECT NAME / NUMBER: 20142179od

PO NO:

PROJECT CONTACT: ALICIA JANSEN

SAMPLER(S): (PRINT): M. MASON

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•	~~SSB-A~~											X		X												
19	~~20~~ SSB-B15-5	10-13-21	0900	SOIL	1	X																	X	X		
20	~~21~~ SSB-B15-10	↓	0906	↓	1	↓																	X	X		
21	~~22~~ SSB-B15-13		0915		1							X		X												
22	~~23~~ SSB-B23-5		0745		1																		X	X		
23	~~24~~ SSB-B23-10		0749		1																		X	X		
24	~~25~~ SSB-B23-14		0754		1							X		X												
25	~~26~~ SSB-B17-5	10-12-21	0735		1																		X	X		
26	~~27~~ SSB-B17-10	↓	0740		1																		X	X		
27	~~28~~ SSB-B17-15	↓	0748	↓	1	↓						X		X												

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TEL: 909-255-8213 909-654-8342 E-MAIL: ALICIA.JANSEN@STANTEC.COM

CLIENT PROJECT NAME / NUMBER: ~~M2 2014237~~ 2014217900
PO NO:
PROJECT CONTACT: ALICIA JANSEN
SAMPLER(S) (PRINT): M. MASON

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28	~~29~~	SSB-B19-5	10-12-21	0820	SOIL	1																		X	X	
29	~~30~~	SSB-B19-10	"	0825	"	1																		X	X	
30	~~31~~	SSB-B19-15	"	0835	"	1							X		X											
31	~~32~~	SSB-B18-5	"	0923	"	1																		X	X	
32	~~33~~	SSB-B18-10	"	0930	"	1							X		X											
33	~~34~~	SSB-B20-5	"	1020	"	1																		X	X	
34	~~35~~	SSB-B20-10	"	1025	"	1																		X	X	
35	~~36~~	SSB-B20-14	"	1038	"	1							X		X											

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PROJECT CONTACT | SAMPLER(S): (PRINT)

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36	~~37~~ SSB-B21-5	10-12-21	1210	SOIL	1																		X	X	
37	~~38~~ SSB-B21-10		1215		1																		X	X	
38	~~39~~ SSB-B21-14		1220		1							X		X											
39	~~40~~ SSB-B16-5		1304		1							X		X											
40	~~41~~ SSB-B22-5		1342		1																		X	X	
41	~~42~~ SSB-B22-10		1347		1																		X	X	16
42	~~43~~ SSB-B22-15		1350		1							X		X											

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Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 570-72716-1

Login Number: 72716
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	