SM&A
ST. JOHN - MITTELHAUSER & ASSOCIATES

VIA CERTIFIED MAIL: NO. 7009 0820 0001 5875 7104

December 13, 2016

Mr. Justin K. Mahr
Assailant Manager – Real Estate
UNION PACIFIC RAIL ROAD
1400 Douglas Street
Stop 1690
Omaha, Nebraska 68179-1690

REC'D DEC 20 2016

SMA Project No. 15-15011

Subject: **Notification of Analytical Results**
Folder 2893-88
DNR BRRTS Activity #02-41-532649 FID 241780880
Superior Health Linens
5005 S. Packard Avenue
Cudahy, Wisconsin

Dear Mr. Mahr:

D&C Partners, LLC (D&C Partners) recently retained St. John – Mittelhauser & Associates, Inc. (SMA) to provide consulting services, site monitoring, reporting, and any necessary environmental testing at the above referenced Site in an effort to obtain environmental closure of the Site through the Wisconsin Department of Natural Resources (WDNR).

During our review of the files provided to us for prior work performed at the site, SMA has not been able to verify that the previous consultant provided Union Pacific Rail Road (Union Pacific) with the analytical results of the soil and groundwater samples collected from your Site on January 19 – 20, 2016. Therefore, on behalf of D&C Partners, SMA is submitting copies of the soil boring logs, soil boring location map, and analytical results as required by ch. NR 716.14(2).

Background

In November 2015, SMA was retained by D&C Partners to perform drilling services only related to the completion of six (6) soil borings within Union Pacific's right-of-way at Mile Post 77.8 in Cudahy, Wisconsin. This work was performed to further delineate the extent of chlorinated volatile organic compounds (VOCs) previously identified in the subsurface at the southwest corner of their Site (e.g. trichloroethene,cis-1,2-dichloroethane, and 1,1,1-trichloroethane). SMA got involved in the project because D&C Partners environmental consultant (Key Engineering Group, LTD), could not secure the necessary railroad insurance and therefore did not meet the requirements of Union Pacific to complete the offsite soil borings.

On December 3, 2015, SMA submitted the completed Right-of-Entry Agreement and supporting documentation to Union Pacific Railroad to complete the six (6) soil borings for the purpose of

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obtaining 12 soil samples and the collection of ground water samples from 3-6 temporary wells with the purpose of defining the extent of chlorinated volatile organic compounds contamination along the east side of the right-of-way. SMA was granted permission to complete the work on December 22, 2015.

Subsurface Investigation

The field activities were completed on January 19 – 20, 2016. The soil borings were completed with a track mounted geoprobe along the east side of the right-of-way and at a distance of 25 – 50 feet from the railroad tracks. The location of the soil borings is shown on Figure 1. Prior to mobilizing to the site, the utilities were cleared through the one call utility locating service and Union Pacific (fiber optic locate service). The soil borings were completed using hydraulic direct push technology (Geoprobe®).

The soil borings were continuously sampled and advanced to a depth of 20 feet below ground surface (bgs). The soil samples were continuously collected throughout the depth of the soil borings using a Geoprobe© equipped with a 4-foot-long sampling tube and fitted with disposable acetate liners. Upon retrieval, the acetate liner was removed from the sample tube and cut open so the soil could be visually evaluated, logged, and scanned for the presence of volatile organic compounds (VOCs) using a Mini Rae 3000 photoionization detector (PID) equipped with a 10.6 electron volt (eV) probe. The PID, calibrated to an isobutylene standard, measures total concentrations of organic vapors. The PID cannot identify or quantify specific components. Soil samples were split into two portions; one portion was placed in a sealed plastic bag for headspace analysis with the PID and the other portion was placed into a clean laboratory-provided jar for potential laboratory chemical analysis. The portion of the sample collected for potential VOC analysis was preserved in the field using SW-846 Method 5035.

The SMA Staff Environmental Scientist made visual observations, and the soils were classified using the Unified Soil Classification System. Observations were also made for the presence of fill material and evidence to suggest impact (e.g., odors, staining, etc.). The soil sample descriptions and field screening results were recorded on boring logs (provided in Attachment A).

Based on field observations and headspace results, two (2) soil samples were collected from each soil boring. Sample containers were labeled and placed in a cooler with ice pending laboratory analysis. Appropriate chain of custody procedures were followed during sample collection and transportation.

Upon completion of the soil borings, "temporary" wells consisting of one-inch diameter PVC screens (5 foot, #10 slot) and riser were installed into soil borings HP-1, HP-3, and HP-5 to facilitate the collection of a groundwater samples. The groundwater samples were collected with a ¾" disposable bailer, placed in sample containers, labeled, and placed in a cooler with ice pending laboratory analysis.

The soil sample and groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) of Green Bay, Wisconsin and analyzed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260 for VOCs.

Analytical Results

The soil and groundwater analytical results are summarized in Tables 1 and 2, respectively. A copy of the laboratory report and chain-of-custody record for the soil and groundwater samples are provided in Attachment B.

The analytical results were compared to WDNR's Residual Contaminants Levels (RCLs) for Industrial Direct Contact, Non-Industrial Direct Contact, and Protection of Groundwater. The groundwater results were compared to WDNR's Preventable Action Limits (PALs) and Enforcement Stands (ES).

Soil
The soil analytical results were compared to WDNR's The analytical results of the soil samples identified the presence of cis-1,2-dichloroethane and 1,1,1-trichloroethane at concentrations above the Protection of Groundwater RCLs and trichloroethene above the Industrial Direct Contact, Non-Industrial Direct Contact, and Protection of Groundwater RCLs.

Groundwater
The analysis of the groundwater samples identified the presence of 1,1,1-trichlorethane and cis-1,2-dichloroethene above the PALs and trichloroethene and 1,1-dichloreothene was identified above both the PAL and ES.

Since the conduct of the investigations on the UP right-or-way in December 2015, D&C Partners has asked SMA to take over the project as the lead environmental consultant. As a result, all future contact with D&C Partners related to environmental matters or property access should be forwarded to the contacts at D&C Partners and SMA identified below.

Contact Information

The responsible party overseeing the investigation activities at 5005 S. Packard Avenue is:

Mr. William J. Nicklas
D&C Partners, LLP
W23 N7657 Cherry Hill Road
Sussex, WI 53089
(414) 940-1028

The Environmental Consultant Contact Information is:

Mr. Steven R. Swenson, PG, CHMM
St. John – Mittelhauser & Associates, Inc.
1401 Branding Avenue, Suite 315
Downers Grove, IL 60515
(630) 427-8114
SteveS@st-ma.com

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The WDNR Project Manager for the Site is:

Mr. Doug Cieslak
WDNR
Waukesha Service Center
141 NW Barstow Street, Room 180
Waukesha, WI 53188
(262) 574-2182
douglas.cieslak@wisconsin.gov

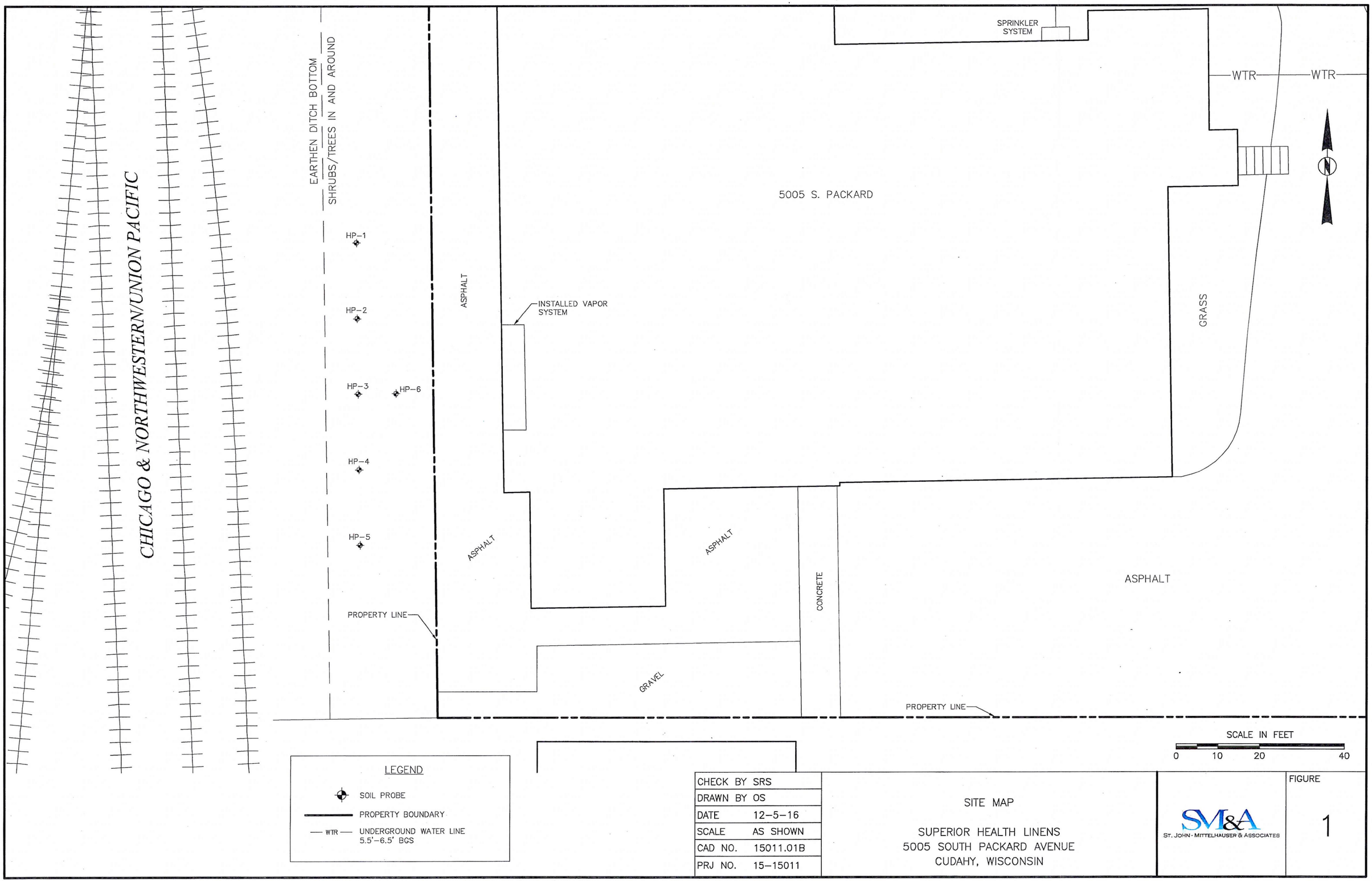
Should you have any questions, please feel free to contact me at (815) 289-0400.

Sincerely,

Steven R. Swenson, P.G., CHMM
Senior Geologist
St. John – Mittelhauser & Associates, Inc.

Attachments: Figure
Tables
Attachment A: Soil Boring Logs
Attachment B: Laboratory Report

Cc: Mr. Doug Cieslak, WDNR



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DATE	12-5-16
SCALE	AS SHOWN
CAD NO.	15011.01B
PRJ NO.	15-15011

SITE MAP

SUPERIOR HEALTH LINENS
5005 SOUTH PACKARD AVENUE
CUDAHY, WISCONSIN

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FIGURE
1

TABLE 1
Soil Analytical Results
January 19 - 20, 201)

Superior Health Linens
5005 S. Packard Avenue / Cudahy, WI / BRRTS No. 02-41-532649

Constituent [1]	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Protection of Groundwater RCL	HP-1		HP-2		HP-3	
				2.5-3.5'	16-17'	3-4'	11-12'	1.5-2.5'	16-17'
Cis-1,2-Dichloroethene	2,040	156	0.0412	**0.0724**	**0.0606**	<0.025	<0.025	<0.025	**<0.100**
1,1,1-trichloroethane	640	640	0.1402	<0.025	<0.050	<0.025	0.0436	<0.025	**0.667**
trichloroethene	8.81	1.26	0.0036	**1.47**	**14.8**	**0.069**	**2.36**	**<0.025**	**21.7**

Note:
[1] Detected VOCs only
RCL = Residual Contaminant Level
Bold Exceeds Industrial Direct Contact RCLs
Bold Exceeds Non-Industrial Direct Contact RCLs
Bold Exceeds protection of Groundwater RCLs
Only Detected Compounds Listed
All Values in mg/kg (parts per million)
< Below Reporting Limits of Laboratory Equipment

TABLE 1
Soil Analytical Results
January 19 - 20, 201)

Superior Health Linens
5005 S. Packard Avenue / Cudahy, WI / BRRTS No. 02-41-532649

Constituent [1]	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Protection of Groundwater RCL	HP-4		HP-5		HP-6	
				3-4'	13-14'	3-4'	10-11'	2-3'	9-10'
Cis-1,2-Dichloroethene	2,040	156	0.0412	<0.025	**<0.200**	<0.025	<0.025	**0.596**	**<0.200**
1,1,1-trichloroethane	640	640	0.1402	<0.025	**0.764**	<0.025	<0.025	**<0.200**	**1.52**
trichloroethene	8.81	1.26	0.0036	**<0.025**	**40.9**	**<0.025**	**<0.025**	**46.6**	**35.4**

Note:
[1] Detected VOCs only
RCL = Residual Contaminant Level
Bold Exceeds Industrial Direct Contact RCLs
Bold Exceeds Non-Industrial Direct Contact RCLs
Bold Exceeds protection of Groundwater RCLs
Only Detected Compounds Listed
All Values in mg/kg (parts per million)
< Below Reporting Limits of Laboratory Equipment

TABLE 2
Groundwater Analytical Results
January 19 - 20, 2016

Superior Health Linens
5005 S. Packard Avenue / Cudahy, WI / BRRTS No. 02-41-532649

Constituents[1]	ch. NR 140		HP-1	HP-3	HP-5
	Enforcement Standard (ES)	Preventable Action Limits (PAL)			
1,1,1-trichloroethane	200	40	4.1	**40.7**	<0.5
trichloroethene	5	0.5	**237**	**1,790**	<0.33
cis-1,2-dichloreothene	70	7	**10.6**	**28.7**	<0.26
1,1-dichloroethane	850	85	<1.2	10.8	<0.24
1,1-dichloroethene	7	0.7	<2.1	**7.1**	<0.41

Notes:
[1] Detected VOCs only
BOLD Exceeds NR 140 Enforcement Standards
BOLD Exceeds NR 140 Preventative Action Levels
All Values in ug/l (ppb)

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BORING NO.: HP-1	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: D. Smith	**DRILLING EQUIP.:** Geoprobe 6610DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/19/2016 **START TIME (hours):**0905	**FINISH DATE:** 1/19/2016 **FINISH TIME (hours):** 1050	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	RECOVERY (ft)	METHOD	MOISTURE	BLOW CNT (6")	PID (ppm) SCAN	HEADSPACE	REMARKS
0	**FILL (0.0'-0.3')** Gravel										
	TOPSOIL (0.3'-1.4') Black, moist, soft, trace fine grained sand, organics			A	3.4/5	HP	M/W	-	0.0	0.1	
	Grades wet, trace medium grained sand at 1.2'										
2	**SILTY CLAY (1.4'-16.6') CL** Black with brown, moist, soft, low plastic										
	Grades to with orange mottles at 3.0'										*Collected soil sample from 2.5'-3.5' for VOC analysis
	Grades to no black at 3.2'			B			M	-	0.2	0.5	
4											
	Grades very stiff at 5.4'										
6				C	5/5	HP	M	-	0.7	0.9	
8				D			M	-	0.1	0.5	
10	Grades to some fine grained sand at 9.8'										
	Grades soft, wet at 11.3'			E	4.3/5	HP	M/W /M	-	0.1	0.7	
12	Grades gray, moist, stiff, trace fine grained sand at 11.9'										
	Grades very stiff at 12.4'										
	Grades trace to little fine gravel at 13.6'			F			M	-	0.2	0.3	
14	Grades soft at 14.4'										
16				G	3.6/5	HP	W/S	-	1.2	5.5	*Collected soil sample from 16.0'-17.0' for VOC analysis
	SAND (16.6'-17.4') SW Brown, wet to saturated, fine to coarse grained										
	Grades trace silt at 16.8'										
	Grades trace fine gravel at 16.9'										
18	**CLAYEY SAND (17.4'-19.4') SC** Gray, wet to saturated, fine grained, trace fine gravel			H			W/S /M	-	0.6	1.6	*Collected groundwater grab sample from temporary well for VOC analysis
	Grades trace coarse grained sand at 18.1'										
	Fine to coarse grained sand seam from 18.8'-18.9'										
20	Fine to coarse grained sand seam from										

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BORING NO.: HP-1	PROJECT NO.: 15-15011	PROJECT NAME: Superior Health Linens

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	SAMPLES RECOVERY (ft)	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
22	19.3'-19.4' **CLAYEY SILT (19.4'-20.0') ML** Gray, moist, medium stiff, trace fine grained sand **End of Boring at 20.0'**										
24											
26											
28											
30											
32											
34											
36											
38											
40											
42											

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BORING NO.: HP-2	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: D. Smith	**DRILLING EQUIP.:** Geoprobe 6610DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/19/2016 **START TIME (hours):**1130	**FINISH DATE:** 1/19/2016 **FINISH TIME (hours):** 1300	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	SAMPLES RECOVERY (ft)	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
0	**TOPSOIL (0.0'-1.1')** Black, moist, soft, trace fine grained sand, organics										
	SILTY CLAY (1.1'-15.0') CL Dark gray with black and brown, moist, soft, medium to low plastic			A	3.3/5	HP	M/W	-	0.0	0.2	
2	Grades moist to wet, trace medium grained sand at 1.4'										
	Grades only brown, stiff, medium to high plastic, trace fine gravel at 1.7'										
	Grades to with orange mottles at 3.4'			B			M	-	0.1	0.4	*Collected soil sample from 3.0'-4.0' for VOC analysis
4											
	Grades very stiff at 5.1'										
6				C	5/5	HP	M	-	0.0	0.5	
8				D			M	-	0.2	1.1	
10	Grades soft at 10.1'										
	Grades moist to wet at 11.2'			E	5/5	HP	M/W /M	-	0.0	1.0	*Collected soil sample from 11.0'-12.0' for VOC analysis
12	Grades very stiff at 11.6'										
	Grades trace fine to medium grained sand at 13.0'										
14	Grades some fine to coarse grained sand, some fine gravel at 13.6'			F			M	-	0.0	0.1	
	Fine to coarse grained sand seam from 14.8'-14.9'										
	SAND (15.0'-19.2') SW										
16	Brown, saturated, fine to medium grained, trace coarse grained sand			G	5/5	HP	S	-	0.0	0.7	
18				H			W	-	0.0	0.9	
	CLAYEY SILT (19.2'-20.0') ML Gray, wet, medium stiff, trace fine grained sand										
20	Fine gravel seam from 19.7-19.8'										

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BORING NO.: HP-2	PROJECT NO.: 15-15011	PROJECT NAME: Superior Health Linens

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	SAMPLES RECOVERY (ft)	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
	Grades with fine grained sand, trace medium grained sand at 19.8'										
	End of Boring at 20.0'										

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BORING NO.: HP-3	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: J. Luna	**DRILLING EQUIP.:** Geoprobe 7780DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/20/2016 **START TIME (hours):**1155	**FINISH DATE:** 1/20/2016 **FINISH TIME (hours):** 1220	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	RECOVERY (ft)	METHOD	MOISTURE	BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
0	**TOPSOIL (0.0'-1.3')** Black, moist, friable, some fine grained sand, trace fine gravel, organics			A	3.4/5	HP	M	-	0.0	0.4	
2	**SILTY CLAY (1.3'-14.6') CL** Brown with black, moist, stiff, medium plastic Grades to no black, orange mottles at 1.9' Grades to trace fine gravel at 2.6'										*Collected soil sample from 1.5'-2.5' for VOC analysis
4				B			M	-	0.0	0.4	
6				C	2.5/2.5	HP	M	-	0.0	0.1	
8				D	2.5/2.5	HP	M	-	0.0	0.1	
10				E	2.5/2.5	HP	M	-	0.0	0.3	
12	Grades gray, no mottles, no sand, no gravel, high plastic at 10.9'										
14	Grades with brown, soft, with fine grained sand at 12.7' Clayey silt seam from 13.1'-13.2' Grades no brown, no sand, stiff at 13.7'			F	2.5/2.5	HP	M/S	-	2.1	3.1	
16	**CLAYEY SAND (14.6'-18.1') SC** Brown, saturated, fine to coarse grained, trace fine gravel Grades to some fine gravel at 16.1' Grades no medium to coarse grained sand at 16.8'			G	4.4/5	HP	S	-	1.0	5.1	*Collected soil sample from 16.0'-17.0' for VOC analysis
18	**SAND (18.1'-20.0') SW** Brown, saturated, fine to medium grained Grades with coarse grained sand, trace gravel at 19.1'			H			S	-	0.9	2.3	*Collected groundwater grab sample from temporary well for VOC analysis
20											

End of Boring at 20.0'

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BORING NO.: HP-4	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: J. Luna	**DRILLING EQUIP.:** Geoprobe 7780DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/20/2016 **START TIME (hours):** 1105	**FINISH DATE:** 1/20/2016 **FINISH TIME (hours):** 1125	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	RECOVERY (ft)	METHOD	MOISTURE	BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
0	**TOPSOIL (0.0'-0.6')** Black, moist, friable, some fine grained sand, organics										
	SILTY CLAY (0.6'-13.0') CL Brown with black, moist, stiff, medium plastic			A	3.6/5	HP	M	-	0.0	0.1	
2	Grades to no black, with orange mottles at 1.8'										
	Grades trace fine grained sand at 2.3'										
				B			M	-	0.0	0.2	*Collected soil sample from 3.0'-4.0' for VOC analysis
4											
6	Grades trace fine gravel at 6.0'			C	2.5/2.5	HP	M	-	0.0	0.1	
8	Grades gray, not mottles, no sand, no gravel, high plastic at 8.2'			D	2.5/2.5	HP	M	-	0.0	0.3	
10				E	2.5/2.5	HP	M	-	0.0	0.1	
12											
	SAND (13.1'-14.7') SP Brown, saturated, fine grained, dense			F	2.1/2.5	HP	M/S /M	-	6.1	14.4	*Collected soil sample from 13.0'-14.0' for VOC analysis
14	Grades with medium to coarse grained sand, trace fine gravel at 13.9'										
	SILTY CLAY (14.7'-18.1') CL Brown, moist, stiff, medium plastic, trace fine gravel										
	Grades gray, no sand, no gravel at 15.3'			G	2.5/2.5	HP	M	-	0.0	1.0	
16	Grades with fine gravel at 16.3'										
18	**GRAVELLY SAND (18.1'-19.4') GM** Gray, saturated, fine to coarse grained sand, fine gravel			H	1.8/2.5	HP	M/S	-	0.0	0.1	
	CLAYEY SILT (19.4'-20.0') ML Gray, saturated, trace fine grained sand										
20											

End of Boring at 20.0'

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BORING NO.: HP-5	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: J. Luna	**DRILLING EQUIP.:** Geoprobe 7780DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/20/2016 **START TIME (hours):** 1005	**FINISH DATE:** 1/20/2016 **FINISH TIME (hours):** 1040	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	SAMPLES RECOVERY (ft)	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
0	**FILL (0.0'-0.3') CL** Silty Clay, brown, moist, stiff, medium to high plastic, trace wood fragments										
	SILTY CLAY (0.0'-14.1') CL Brown, moist, stiff, medium to high plastic Trace fine grained sand at 1.4'			A	2.2/5	HP	M	-	0.0	0.0	
2											
4				B			M	-	0.0	0.1	*Collected soil sample from 3.0'-4.0' for VOC analysis
6	Grades with orange mottles, trace fine gravel at 6.2'			C	2.5/2.5	HP	M	-	0.0	0.1	
8	Grades gray, no sand, no gravel, high plastic at 8.9'			D	2.5/2.5	HP	M	-	0.0	0.1	
10				E	2.5/2.5	HP	M	-	0.0	0.1	*Collected soil sample from 10.0'-11.0' for VOC analysis
12				F	2.1/2.5	HP	M/S /M	-	0.0	0.1	
14	**SAND (14.1'-14.6') SW** Brown, saturated, fine to coarse grained Grades to no medium and coarse grained sand at 14.5'										
	SILTY CLAY (14.6'-15.0') CL Gray, moist, stiff, medium plastic			G	2.5/2.5	HP	S/M	-	0.0	0.0	
16	**SAND (15.0'-15.4') SW** Gray, saturated, fine to coarse gained										
	SILTY CLAY (15.4'-18.1') CL Gray, moist, stiff, medium to high plastic Grades with fine gravel, trace fine grained sand at 16.8'										
18	**SAND (18.1'-20.0') SW** Brown, saturated, fine to coarse grained, trace clay Grades with clay at 19.4'			H	1.9/2.5	HP	S	-	0.0	0.1	*Collected groundwater grab sample from temporary well for VOC analysis
20											

End of Boring at 20.0'

ST. JOHN - MITTELHAUSER & ASSOCIATES

BORING NO.: HP-6	**PROJECT NO.:** 15-15011	**PROJECT NAME:** Superior Health Linens
SITE ID. NO.:	**FEDERAL ID. NO.:**	**SITE LOCATION:** Cudahy, WI
COORDINATES:	**LATITUDE:** °	**LONGITUDE:** °
DRILLING CO.: Earth Solutions	**QUAD.:** **SEC.:** **T.:** **R.:**	**G.S. ELEVATION:**
DRILLER: J. Luna	**DRILLING EQUIP.:** Geoprobe 7780DT	**BOREHOLE DIA.:** 2 Inches
START DATE: 1/20/2016 **START TIME (hours):** 1240	**FINISH DATE:** 1/20/2016 **FINISH TIME (hours):** 1300	**LOGGED BY:** M. Lyter **CHECKED BY:** D. Lamsma

DEPTH (ft)	DESCRIPTION	GRAPHIC	ELEVATION	SAMPLES NUMBER	RECOVERY (ft)	METHOD	MOISTURE	BLOW CNT (6")	PID (ppm) SCAN	PID (ppm) HEADSPACE	REMARKS
0	**TOPSOIL (0.0'-2.2')** Black, moist, friable, some fine grained sand, trace fine gravel, trace organics			A	3.2/5	HP	M	-	0.3	4.1	
2	**SILTY CLAY (2.2'-12.4') CL** Brown with black, moist, stiff, medium plastic										*Collected soil sample from 2.0'-3.0' for VOC analysis
4				B			M	-	0.2	1.4	
	Grades to no black, orange mottles at 4.4'										
	Grades trace fine gravel at 5.2'			C	2.5/2.5	HP	M	-	3.1	5.7	
6											
8				D	2.5/2.5	HP	M	-	9.9	26.7	*Collected soil sample from 9.0'-10.0' for VOC analysis
10											
	Sand seam; Brown to gray, moist, fine grained from 11.4'-11.5'			E	2.5/2.5	HP	M/W	-	9.6	16.0	
12	Grades soft, trace fine grained sand at 11.5'										
	CLAYEY GRAVEL (12.4'-13.4') GC Orange, moist to wet, soft, some fine to medium grained sand, trace fine gravel										
	CLAYEY SAND (13.4'-19.1') SC Orange, saturated, fine grained, some medium to coarse grained sand, trace fine gravel			F	2.5/2.5	HP	W/S	-	4.6	4.1	
14											
16				G	5/5	HP	S	-	0.1	0.3	
18											
	Grades trace coarse gravel at 18.7'			H			S/M	-	0.9	2.9	
	SILTY CLAY (19.1'-20.0') CL Gray, moist, stiff, medium to high plastic										
20											

End of Boring at 20.0'

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(920)469-2436

January 28, 2016

Steve Swenson
St. John-Mittelhauser & Associates
1893 S. Trainer Road
Rockford, IL 61108

RE: Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Dear Steve Swenson:
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Laurie Woelfel

Laurie Woelfel
laurie.woelfel@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40127337001	HP-1 (2.5-3.5 FT)	Solid	01/19/16 09:25	01/21/16 09:15
40127337002	HP-1 (16-17 FT)	Solid	01/19/16 11:00	01/21/16 09:15
40127337003	HP-2 (3-4 FT)	Solid	01/19/16 11:50	01/21/16 09:15
40127337004	HP-2 (11-12 FT)	Solid	01/19/16 13:05	01/21/16 09:15
40127337005	HP-5 (3-4 FT)	Solid	01/20/16 10:45	01/21/16 09:15
40127337006	HP-5 (10-11 FT)	Solid	01/20/16 10:50	01/21/16 09:15
40127337007	HP-4 (3-4 FT)	Solid	01/20/16 11:40	01/21/16 09:15
40127337008	HP-4 (13-14 FT)	Solid	01/20/16 11:45	01/21/16 09:15
40127337009	HP-3 (1.5-2.5 FT)	Solid	01/20/16 12:15	01/21/16 09:15
40127337010	HP-3 (16-17 FT)	Solid	01/20/16 12:25	01/21/16 09:15
40127337011	HP-6 (2-3 FT)	Solid	01/20/16 13:05	01/21/16 09:15
40127337012	HP-6 (9-10 FT)	Solid	01/20/16 13:10	01/21/16 09:15
40127337013	HP-1 (GW)	Water	01/20/16 09:55	01/21/16 09:15
40127337014	HP-5 (GW)	Water	01/20/16 13:00	01/21/16 09:15
40127337015	HP-3 (GW)	Water	01/20/16 13:45	01/21/16 09:15

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SAMPLE ANALYTE COUNT

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40127337001	HP-1 (2.5-3.5 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337002	HP-1 (16-17 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337003	HP-2 (3-4 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40127337004	HP-2 (11-12 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40127337005	HP-5 (3-4 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337006	HP-5 (10-11 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40127337007	HP-4 (3-4 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40127337008	HP-4 (13-14 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337009	HP-3 (1.5-2.5 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337010	HP-3 (16-17 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337011	HP-6 (2-3 FT)	EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337012	HP-6 (9-10 FT)	EPA 8260	HNW, SMT	64	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40127337013	HP-1 (GW)	EPA 8260	HNW	64	PASI-G
40127337014	HP-5 (GW)	EPA 8260	HNW	64	PASI-G
40127337015	HP-3 (GW)	EPA 8260	HNW	64	PASI-G

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PROJECT NARRATIVE

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: St. John-Mittelhauser & Associates
Date: January 28, 2016

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/31983

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40127305001

R1: RPD value was outside control limits.

- MSD (Lab ID: 1286905)
  - 1,1-Dichloroethene

Additional Comments:

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PROJECT NARRATIVE

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Method: EPA 8260
Description: 8260 MSV
Client: St. John-Mittelhauser & Associates
Date: January 28, 2016

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- HP-5 (GW) (Lab ID: 40127337014)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (2.5-3.5 FT) **Lab ID: 40127337001** Collected: 01/19/16 09:25 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/22/16 16:45	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/22/16 16:45	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/22/16 16:45	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/22/16 16:45	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/22/16 16:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/22/16 16:45	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (2.5-3.5 FT) **Lab ID: 40127337001** Collected: 01/19/16 09:25 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	108-88-3	W
Trichloroethene	**1470**	ug/kg	68.4	28.5	1	01/22/16 07:15	01/22/16 16:45	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	75-01-4	W
cis-1,2-Dichloroethene	**72.4**	ug/kg	68.4	28.5	1	01/22/16 07:15	01/22/16 16:45	156-59-2	
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/22/16 16:45	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 16:45	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	129	%	49-157		1	01/22/16 07:15	01/22/16 16:45	1868-53-7	
Toluene-d8 (S)	114	%	61-148		1	01/22/16 07:15	01/22/16 16:45	2037-26-5	
4-Bromofluorobenzene (S)	109	%	53-134		1	01/22/16 07:15	01/22/16 16:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.10	0.10	1		01/27/16 17:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (16-17 FT) **Lab ID: 40127337002** Collected: 01/19/16 11:00 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	630-20-6	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	71-55-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	79-34-5	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	79-00-5	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-34-3	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-35-4	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	563-58-6	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	87-61-6	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	96-18-4	W
1,2,4-Trichlorobenzene	**<95.1**	ug/kg	500	95.1	2	01/22/16 07:15	01/25/16 15:27	120-82-1	W
1,2,4-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	95-63-6	W
1,2-Dibromo-3-chloropropane	**<182**	ug/kg	500	182	2	01/22/16 07:15	01/25/16 15:27	96-12-8	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	106-93-4	W
1,2-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	95-50-1	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	107-06-2	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	78-87-5	W
1,3,5-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	108-67-8	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	541-73-1	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	142-28-9	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	106-46-7	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	594-20-7	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	106-43-4	W
Benzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	71-43-2	W
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-27-4	W
Bromoform	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-25-2	W
Bromomethane	**<140**	ug/kg	500	140	2	01/22/16 07:15	01/25/16 15:27	74-83-9	W
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	108-90-7	W
Chloroethane	**<134**	ug/kg	500	134	2	01/22/16 07:15	01/25/16 15:27	75-00-3	W
Chloroform	**<92.9**	ug/kg	500	92.9	2	01/22/16 07:15	01/25/16 15:27	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	74-87-3	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	124-48-1	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	74-95-3	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-71-8	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	108-20-3	W
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	100-41-4	W
Hexachloro-1,3-butadiene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	87-68-3	W
Isopropylbenzene (Cumene)	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	98-82-8	W
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	1634-04-4	W
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-09-2	W
Naphthalene	**<80.1**	ug/kg	500	80.1	2	01/22/16 07:15	01/25/16 15:27	91-20-3	W
Styrene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (16-17 FT) **Lab ID: 40127337002** Collected: 01/19/16 11:00 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	127-18-4	W
Toluene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	108-88-3	W
Trichloroethene	**14800**	ug/kg	134	55.8	2	01/22/16 07:15	01/25/16 15:27	79-01-6	
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-69-4	W
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	75-01-4	W
cis-1,2-Dichloroethene	**60.6J**	ug/kg	134	55.8	2	01/22/16 07:15	01/25/16 15:27	156-59-2	
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	10061-01-5	W
m&p-Xylene	**<100**	ug/kg	240	100	2	01/22/16 07:15	01/25/16 15:27	179601-23-1	W
n-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	104-51-8	W
n-Propylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	103-65-1	W
o-Xylene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	95-47-6	W
p-Isopropyltoluene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	99-87-6	W
sec-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	135-98-8	W
tert-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	98-06-6	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	156-60-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	01/22/16 07:15	01/25/16 15:27	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	49-157		2	01/22/16 07:15	01/25/16 15:27	1868-53-7	
Toluene-d8 (S)	90	%	61-148		2	01/22/16 07:15	01/25/16 15:27	2037-26-5	
4-Bromofluorobenzene (S)	81	%	53-134		2	01/22/16 07:15	01/25/16 15:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.4**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-2 (3-4 FT) **Lab ID: 40127337003** Collected: 01/19/16 11:50 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/22/16 17:08	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/22/16 17:08	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/22/16 17:08	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/22/16 17:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/22/16 17:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/22/16 17:08	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-2 (3-4 FT) **Lab ID: 40127337003** Collected: 01/19/16 11:50 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	108-88-3	W
Trichloroethene	**69.0J**	ug/kg	69.4	28.9	1	01/22/16 07:15	01/22/16 17:08	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/22/16 17:08	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/22/16 17:08	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	49-157		1	01/22/16 07:15	01/22/16 17:08	1868-53-7	
Toluene-d8 (S)	91	%	61-148		1	01/22/16 07:15	01/22/16 17:08	2037-26-5	
4-Bromofluorobenzene (S)	85	%	53-134		1	01/22/16 07:15	01/22/16 17:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		01/26/16 17:11		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-2 (11-12 FT) **Lab ID: 40127337004** Collected: 01/19/16 13:05 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	630-20-6	W
1,1,1-Trichloroethane	**43.6J**	ug/kg	71.3	29.7	1	01/22/16 07:15	01/25/16 11:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/25/16 11:18	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/25/16 11:18	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/25/16 11:18	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/25/16 11:18	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/25/16 11:18	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/25/16 11:18	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-2 (11-12 FT) **Lab ID: 40127337004** Collected: 01/19/16 13:05 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	108-88-3	W
Trichloroethene	**2360**	ug/kg	71.3	29.7	1	01/22/16 07:15	01/25/16 11:18	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/25/16 11:18	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:18	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	98	%	49-157		1	01/22/16 07:15	01/25/16 11:18	1868-53-7	
Toluene-d8 (S)	82	%	61-148		1	01/22/16 07:15	01/25/16 11:18	2037-26-5	
4-Bromofluorobenzene (S)	76	%	53-134		1	01/22/16 07:15	01/25/16 11:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.9**	%	0.10	0.10	1		01/26/16 17:11		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (3-4 FT) **Lab ID: 40127337005** Collected: 01/20/16 10:45 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/25/16 11:41	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/25/16 11:41	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/25/16 11:41	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/25/16 11:41	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/25/16 11:41	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/25/16 11:41	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (3-4 FT) **Lab ID: 40127337005** Collected: 01/20/16 10:45 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/25/16 11:41	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 11:41	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	49-157		1	01/22/16 07:15	01/25/16 11:41	1868-53-7	
Toluene-d8 (S)	92	%	61-148		1	01/22/16 07:15	01/25/16 11:41	2037-26-5	
4-Bromofluorobenzene (S)	87	%	53-134		1	01/22/16 07:15	01/25/16 11:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.4**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (10-11 FT) **Lab ID: 40127337006** Collected: 01/20/16 10:50 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/25/16 12:04	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/25/16 12:04	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/25/16 12:04	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/25/16 12:04	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/25/16 12:04	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/25/16 12:04	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (10-11 FT) **Lab ID: 40127337006** Collected: 01/20/16 10:50 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/25/16 12:04	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:04	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	109	%	49-157		1	01/22/16 07:15	01/25/16 12:04	1868-53-7	
Toluene-d8 (S)	89	%	61-148		1	01/22/16 07:15	01/25/16 12:04	2037-26-5	
4-Bromofluorobenzene (S)	86	%	53-134		1	01/22/16 07:15	01/25/16 12:04	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.10	0.10	1		01/26/16 17:11		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-4 (3-4 FT) **Lab ID: 40127337007** Collected: 01/20/16 11:40 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/25/16 12:28	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/25/16 12:28	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/25/16 12:28	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/25/16 12:28	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/25/16 12:28	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/25/16 12:28	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-4 (3-4 FT) **Lab ID: 40127337007** Collected: 01/20/16 11:40 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/25/16 12:28	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:28	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	49-157		1	01/22/16 07:15	01/25/16 12:28	1868-53-7	
Toluene-d8 (S)	97	%	61-148		1	01/22/16 07:15	01/25/16 12:28	2037-26-5	
4-Bromofluorobenzene (S)	89	%	53-134		1	01/22/16 07:15	01/25/16 12:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		01/26/16 17:11		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-4 (13-14 FT) **Lab ID: 40127337008** Collected: 01/20/16 11:45 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	630-20-6	W
1,1,1-Trichloroethane	**764**	ug/kg	540	225	8	01/22/16 07:15	01/25/16 15:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	79-34-5	W
1,1,2-Trichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	79-00-5	W
1,1-Dichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-34-3	W
1,1-Dichloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-35-4	W
1,1-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	563-58-6	W
1,2,3-Trichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	87-61-6	W
1,2,3-Trichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	96-18-4	W
1,2,4-Trichlorobenzene	**<380**	ug/kg	2000	380	8	01/22/16 07:15	01/25/16 15:50	120-82-1	W
1,2,4-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	95-63-6	W
1,2-Dibromo-3-chloropropane	**<730**	ug/kg	2000	730	8	01/22/16 07:15	01/25/16 15:50	96-12-8	W
1,2-Dibromoethane (EDB)	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	106-93-4	W
1,2-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	95-50-1	W
1,2-Dichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	107-06-2	W
1,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	78-87-5	W
1,3,5-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	108-67-8	W
1,3-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	541-73-1	W
1,3-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	142-28-9	W
1,4-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	106-46-7	W
2,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	594-20-7	W
2-Chlorotoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	95-49-8	W
4-Chlorotoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	106-43-4	W
Benzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	71-43-2	W
Bromobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	108-86-1	W
Bromochloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	74-97-5	W
Bromodichloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-27-4	W
Bromoform	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-25-2	W
Bromomethane	**<559**	ug/kg	2000	559	8	01/22/16 07:15	01/25/16 15:50	74-83-9	W
Carbon tetrachloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	56-23-5	W
Chlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	108-90-7	W
Chloroethane	**<536**	ug/kg	2000	536	8	01/22/16 07:15	01/25/16 15:50	75-00-3	W
Chloroform	**<372**	ug/kg	2000	372	8	01/22/16 07:15	01/25/16 15:50	67-66-3	W
Chloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	74-87-3	W
Dibromochloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	124-48-1	W
Dibromomethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	74-95-3	W
Dichlorodifluoromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-71-8	W
Diisopropyl ether	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	108-20-3	W
Ethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	100-41-4	W
Hexachloro-1,3-butadiene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	87-68-3	W
Isopropylbenzene (Cumene)	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	98-82-8	W
Methyl-tert-butyl ether	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	1634-04-4	W
Methylene Chloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-09-2	W
Naphthalene	**<320**	ug/kg	2000	320	8	01/22/16 07:15	01/25/16 15:50	91-20-3	W
Styrene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-4 (13-14 FT) **Lab ID: 40127337008** Collected: 01/20/16 11:45 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	127-18-4	W
Toluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	108-88-3	W
Trichloroethene	**40900**	ug/kg	540	225	8	01/22/16 07:15	01/25/16 15:50	79-01-6	
Trichlorofluoromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-69-4	W
Vinyl chloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	75-01-4	W
cis-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	156-59-2	W
cis-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	10061-01-5	W
m&p-Xylene	**<400**	ug/kg	960	400	8	01/22/16 07:15	01/25/16 15:50	179601-23-1	W
n-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	104-51-8	W
n-Propylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	103-65-1	W
o-Xylene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	95-47-6	W
p-Isopropyltoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	99-87-6	W
sec-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	135-98-8	W
tert-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	98-06-6	W
trans-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	156-60-5	W
trans-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 15:50	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	49-157		8	01/22/16 07:15	01/25/16 15:50	1868-53-7	
Toluene-d8 (S)	82	%	61-148		8	01/22/16 07:15	01/25/16 15:50	2037-26-5	
4-Bromofluorobenzene (S)	78	%	53-134		8	01/22/16 07:15	01/25/16 15:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (1.5-2.5 FT) **Lab ID: 40127337009** Collected: 01/20/16 12:15 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	96-18-4	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	01/22/16 07:15	01/25/16 12:51	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	95-63-6	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	01/22/16 07:15	01/25/16 12:51	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	01/22/16 07:15	01/25/16 12:51	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	01/22/16 07:15	01/25/16 12:51	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	01/22/16 07:15	01/25/16 12:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-09-2	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	01/22/16 07:15	01/25/16 12:51	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (1.5-2.5 FT) **Lab ID: 40127337009** Collected: 01/20/16 12:15 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	01/22/16 07:15	01/25/16 12:51	179601-23-1	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	01/22/16 07:15	01/25/16 12:51	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	49-157		1	01/22/16 07:15	01/25/16 12:51	1868-53-7	
Toluene-d8 (S)	91	%	61-148		1	01/22/16 07:15	01/25/16 12:51	2037-26-5	
4-Bromofluorobenzene (S)	86	%	53-134		1	01/22/16 07:15	01/25/16 12:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.3**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (16-17 FT) **Lab ID: 40127337010** Collected: 01/20/16 12:25 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	630-20-6	W
1,1,1-Trichloroethane	**667**	ug/kg	283	118	4	01/22/16 07:15	01/25/16 16:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	79-34-5	W
1,1,2-Trichloroethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	79-00-5	W
1,1-Dichloroethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-34-3	W
1,1-Dichloroethene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-35-4	W
1,1-Dichloropropene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	563-58-6	W
1,2,3-Trichlorobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	87-61-6	W
1,2,3-Trichloropropane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	96-18-4	W
1,2,4-Trichlorobenzene	**<190**	ug/kg	1000	190	4	01/22/16 07:15	01/25/16 16:13	120-82-1	W
1,2,4-Trimethylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	95-63-6	W
1,2-Dibromo-3-chloropropane	**<365**	ug/kg	1000	365	4	01/22/16 07:15	01/25/16 16:13	96-12-8	W
1,2-Dibromoethane (EDB)	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	106-93-4	W
1,2-Dichlorobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	95-50-1	W
1,2-Dichloroethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	107-06-2	W
1,2-Dichloropropane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	78-87-5	W
1,3,5-Trimethylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	108-67-8	W
1,3-Dichlorobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	541-73-1	W
1,3-Dichloropropane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	142-28-9	W
1,4-Dichlorobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	106-46-7	W
2,2-Dichloropropane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	594-20-7	W
2-Chlorotoluene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	95-49-8	W
4-Chlorotoluene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	106-43-4	W
Benzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	71-43-2	W
Bromobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	108-86-1	W
Bromochloromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	74-97-5	W
Bromodichloromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-27-4	W
Bromoform	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-25-2	W
Bromomethane	**<280**	ug/kg	1000	280	4	01/22/16 07:15	01/25/16 16:13	74-83-9	W
Carbon tetrachloride	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	56-23-5	W
Chlorobenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	108-90-7	W
Chloroethane	**<268**	ug/kg	1000	268	4	01/22/16 07:15	01/25/16 16:13	75-00-3	W
Chloroform	**<186**	ug/kg	1000	186	4	01/22/16 07:15	01/25/16 16:13	67-66-3	W
Chloromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	74-87-3	W
Dibromochloromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	124-48-1	W
Dibromomethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	74-95-3	W
Dichlorodifluoromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-71-8	W
Diisopropyl ether	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	108-20-3	W
Ethylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	100-41-4	W
Hexachloro-1,3-butadiene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	87-68-3	W
Isopropylbenzene (Cumene)	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	98-82-8	W
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	1634-04-4	W
Methylene Chloride	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-09-2	W
Naphthalene	**<160**	ug/kg	1000	160	4	01/22/16 07:15	01/25/16 16:13	91-20-3	W
Styrene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	100-42-5	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (16-17 FT) **Lab ID: 40127337010** Collected: 01/20/16 12:25 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	127-18-4	W
Toluene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	108-88-3	W
Trichloroethene	**21700**	ug/kg	283	118	4	01/22/16 07:15	01/25/16 16:13	79-01-6	
Trichlorofluoromethane	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-69-4	W
Vinyl chloride	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	75-01-4	W
cis-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	156-59-2	W
cis-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	10061-01-5	W
m&p-Xylene	**<200**	ug/kg	480	200	4	01/22/16 07:15	01/25/16 16:13	179601-23-1	W
n-Butylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	104-51-8	W
n-Propylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	103-65-1	W
o-Xylene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	95-47-6	W
p-Isopropyltoluene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	99-87-6	W
sec-Butylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	135-98-8	W
tert-Butylbenzene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	98-06-6	W
trans-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	156-60-5	W
trans-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	01/22/16 07:15	01/25/16 16:13	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	49-157		4	01/22/16 07:15	01/25/16 16:13	1868-53-7	
Toluene-d8 (S)	90	%	61-148		4	01/22/16 07:15	01/25/16 16:13	2037-26-5	
4-Bromofluorobenzene (S)	79	%	53-134		4	01/22/16 07:15	01/25/16 16:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.2**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-6 (2-3 FT) **Lab ID: 40127337011** Collected: 01/20/16 13:05 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	630-20-6	W
1,1,1-Trichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	71-55-6	W
1,1,2,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	79-34-5	W
1,1,2-Trichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	79-00-5	W
1,1-Dichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-34-3	W
1,1-Dichloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-35-4	W
1,1-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	563-58-6	W
1,2,3-Trichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	87-61-6	W
1,2,3-Trichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	96-18-4	W
1,2,4-Trichlorobenzene	**<380**	ug/kg	2000	380	8	01/22/16 07:15	01/25/16 16:36	120-82-1	W
1,2,4-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	95-63-6	W
1,2-Dibromo-3-chloropropane	**<730**	ug/kg	2000	730	8	01/22/16 07:15	01/25/16 16:36	96-12-8	W
1,2-Dibromoethane (EDB)	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	106-93-4	W
1,2-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	95-50-1	W
1,2-Dichloroethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	107-06-2	W
1,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	78-87-5	W
1,3,5-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	108-67-8	W
1,3-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	541-73-1	W
1,3-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	142-28-9	W
1,4-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	106-46-7	W
2,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	594-20-7	W
2-Chlorotoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	95-49-8	W
4-Chlorotoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	106-43-4	W
Benzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	71-43-2	W
Bromobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	108-86-1	W
Bromochloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	74-97-5	W
Bromodichloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-27-4	W
Bromoform	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-25-2	W
Bromomethane	**<559**	ug/kg	2000	559	8	01/22/16 07:15	01/25/16 16:36	74-83-9	W
Carbon tetrachloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	56-23-5	W
Chlorobenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	108-90-7	W
Chloroethane	**<536**	ug/kg	2000	536	8	01/22/16 07:15	01/25/16 16:36	75-00-3	W
Chloroform	**<372**	ug/kg	2000	372	8	01/22/16 07:15	01/25/16 16:36	67-66-3	W
Chloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	74-87-3	W
Dibromochloromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	124-48-1	W
Dibromomethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	74-95-3	W
Dichlorodifluoromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-71-8	W
Diisopropyl ether	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	108-20-3	W
Ethylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	100-41-4	W
Hexachloro-1,3-butadiene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	87-68-3	W
Isopropylbenzene (Cumene)	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	98-82-8	W
Methyl-tert-butyl ether	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	1634-04-4	W
Methylene Chloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-09-2	W
Naphthalene	**<320**	ug/kg	2000	320	8	01/22/16 07:15	01/25/16 16:36	91-20-3	W
Styrene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-6 (2-3 FT) **Lab ID: 40127337011** Collected: 01/20/16 13:05 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	127-18-4	W
Toluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	108-88-3	W
Trichloroethene	**46600**	ug/kg	569	237	8	01/22/16 07:15	01/25/16 16:36	79-01-6	
Trichlorofluoromethane	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-69-4	W
Vinyl chloride	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	75-01-4	W
cis-1,2-Dichloroethene	**596**	ug/kg	569	237	8	01/22/16 07:15	01/25/16 16:36	156-59-2	
cis-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	10061-01-5	W
m&p-Xylene	**<400**	ug/kg	960	400	8	01/22/16 07:15	01/25/16 16:36	179601-23-1	W
n-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	104-51-8	W
n-Propylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	103-65-1	W
o-Xylene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	95-47-6	W
p-Isopropyltoluene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	99-87-6	W
sec-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	135-98-8	W
tert-Butylbenzene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	98-06-6	W
trans-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	156-60-5	W
trans-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/22/16 07:15	01/25/16 16:36	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	119	%	49-157		8	01/22/16 07:15	01/25/16 16:36	1868-53-7	
Toluene-d8 (S)	98	%	61-148		8	01/22/16 07:15	01/25/16 16:36	2037-26-5	
4-Bromofluorobenzene (S)	86	%	53-134		8	01/22/16 07:15	01/25/16 16:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.7**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-6 (9-10 FT) **Lab ID: 40127337012** Collected: 01/20/16 13:10 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	630-20-6	W
1,1,1-Trichloroethane	**1520**	ug/kg	557	232	8	01/25/16 07:15	01/26/16 10:27	71-55-6	
1,1,2,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	79-34-5	W
1,1,2-Trichloroethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	79-00-5	W
1,1-Dichloroethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-34-3	W
1,1-Dichloroethene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-35-4	W
1,1-Dichloropropene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	563-58-6	W
1,2,3-Trichlorobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/25/16 19:03	87-61-6	W
1,2,3-Trichloropropane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	96-18-4	W
1,2,4-Trichlorobenzene	**<380**	ug/kg	2000	380	8	01/25/16 07:15	01/26/16 10:27	120-82-1	W
1,2,4-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	95-63-6	W
1,2-Dibromo-3-chloropropane	**<730**	ug/kg	2000	730	8	01/25/16 07:15	01/26/16 10:27	96-12-8	W
1,2-Dibromoethane (EDB)	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	106-93-4	W
1,2-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	95-50-1	W
1,2-Dichloroethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	107-06-2	W
1,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	78-87-5	W
1,3,5-Trimethylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	108-67-8	W
1,3-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	541-73-1	W
1,3-Dichloropropane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	142-28-9	W
1,4-Dichlorobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	106-46-7	W
2,2-Dichloropropane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	594-20-7	W
2-Chlorotoluene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	95-49-8	W
4-Chlorotoluene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	106-43-4	W
Benzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	71-43-2	W
Bromobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	108-86-1	W
Bromochloromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	74-97-5	W
Bromodichloromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-27-4	W
Bromoform	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-25-2	W
Bromomethane	**<559**	ug/kg	2000	559	8	01/25/16 07:15	01/26/16 10:27	74-83-9	W
Carbon tetrachloride	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	56-23-5	W
Chlorobenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	108-90-7	W
Chloroethane	**<536**	ug/kg	2000	536	8	01/25/16 07:15	01/26/16 10:27	75-00-3	W
Chloroform	**<372**	ug/kg	2000	372	8	01/25/16 07:15	01/26/16 10:27	67-66-3	W
Chloromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	74-87-3	W
Dibromochloromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	124-48-1	W
Dibromomethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	74-95-3	W
Dichlorodifluoromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-71-8	W
Diisopropyl ether	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	108-20-3	W
Ethylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	100-41-4	W
Hexachloro-1,3-butadiene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	87-68-3	W
Isopropylbenzene (Cumene)	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	98-82-8	W
Methyl-tert-butyl ether	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	1634-04-4	W
Methylene Chloride	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-09-2	W
Naphthalene	**<320**	ug/kg	2000	320	8	01/25/16 07:15	01/26/16 10:27	91-20-3	W
Styrene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	100-42-5	W

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-6 (9-10 FT) **Lab ID: 40127337012** Collected: 01/20/16 13:10 Received: 01/21/16 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	127-18-4	W
Toluene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	108-88-3	W
Trichloroethene	**35400**	ug/kg	557	232	8	01/25/16 07:15	01/26/16 10:27	79-01-6	
Trichlorofluoromethane	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-69-4	W
Vinyl chloride	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	75-01-4	W
cis-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	156-59-2	W
cis-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	10061-01-5	W
m&p-Xylene	**<400**	ug/kg	960	400	8	01/25/16 07:15	01/26/16 10:27	179601-23-1	W
n-Butylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	104-51-8	W
n-Propylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	103-65-1	W
o-Xylene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	95-47-6	W
p-Isopropyltoluene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	99-87-6	W
sec-Butylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	135-98-8	W
tert-Butylbenzene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	98-06-6	W
trans-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	156-60-5	W
trans-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	01/25/16 07:15	01/26/16 10:27	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	96	%	49-157		8	01/25/16 07:15	01/26/16 10:27	1868-53-7	
Toluene-d8 (S)	100	%	61-148		8	01/25/16 07:15	01/26/16 10:27	2037-26-5	
4-Bromofluorobenzene (S)	98	%	53-134		8	01/25/16 07:15	01/26/16 10:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		01/27/16 17:30		

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (GW) **Lab ID: 40127337013** Collected: 01/20/16 09:55 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		01/22/16 16:08	630-20-6	
1,1,1-Trichloroethane	**4.1J**	ug/L	5.0	2.5	5		01/22/16 16:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		01/22/16 16:08	79-34-5	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		01/22/16 16:08	79-00-5	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		01/22/16 16:08	75-34-3	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		01/22/16 16:08	75-35-4	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		01/22/16 16:08	563-58-6	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		01/22/16 16:08	87-61-6	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	96-18-4	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		01/22/16 16:08	120-82-1	
1,2,4-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		01/22/16 16:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		01/22/16 16:08	106-93-4	
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	95-50-1	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		01/22/16 16:08	107-06-2	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		01/22/16 16:08	78-87-5	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	108-67-8	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	541-73-1	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	142-28-9	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	106-46-7	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		01/22/16 16:08	594-20-7	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		01/22/16 16:08	106-43-4	
Benzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		01/22/16 16:08	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		01/22/16 16:08	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		01/22/16 16:08	74-83-9	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		01/22/16 16:08	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		01/22/16 16:08	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	74-87-3	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	124-48-1	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		01/22/16 16:08	74-95-3	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		01/22/16 16:08	75-71-8	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	108-20-3	
Ethylbenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		01/22/16 16:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.72**	ug/L	5.0	0.72	5		01/22/16 16:08	98-82-8	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		01/22/16 16:08	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		01/22/16 16:08	75-09-2	
Naphthalene	**<12.5**	ug/L	25.0	12.5	5		01/22/16 16:08	91-20-3	
Styrene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	100-42-5	
Tetrachloroethene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	127-18-4	

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-1 (GW) **Lab ID: 40127337013** Collected: 01/20/16 09:55 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	108-88-3	
Trichloroethene	**237**	ug/L	5.0	1.7	5		01/22/16 16:08	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		01/22/16 16:08	75-69-4	
Vinyl chloride	**<0.88**	ug/L	5.0	0.88	5		01/22/16 16:08	75-01-4	
cis-1,2-Dichloroethene	**10.6**	ug/L	5.0	1.3	5		01/22/16 16:08	156-59-2	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	10061-01-5	
m&p-Xylene	**<5.0**	ug/L	10.0	5.0	5		01/22/16 16:08	179601-23-1	
n-Butylbenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	104-51-8	
n-Propylbenzene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	103-65-1	
o-Xylene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	95-47-6	
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		01/22/16 16:08	99-87-6	
sec-Butylbenzene	**<10.9**	ug/L	25.0	10.9	5		01/22/16 16:08	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		01/22/16 16:08	98-06-6	
trans-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		01/22/16 16:08	156-60-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		01/22/16 16:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		5		01/22/16 16:08	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		5		01/22/16 16:08	1868-53-7	
Toluene-d8 (S)	97	%	70-130		5		01/22/16 16:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (GW) **Lab ID: 40127337014** Collected: 01/20/16 13:00 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		01/22/16 15:45	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		01/22/16 15:45	79-34-5	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		01/22/16 15:45	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/22/16 15:45	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		01/22/16 15:45	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		01/22/16 15:45	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		01/22/16 15:45	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		01/22/16 15:45	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		01/22/16 15:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		01/22/16 15:45	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		01/22/16 15:45	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		01/22/16 15:45	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		01/22/16 15:45	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		01/22/16 15:45	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		01/22/16 15:45	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		01/22/16 15:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		01/22/16 15:45	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		01/22/16 15:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		01/22/16 15:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		01/22/16 15:45	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		01/22/16 15:45	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		01/22/16 15:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		01/22/16 15:45	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		01/22/16 15:45	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		01/22/16 15:45	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/16 15:45	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-5 (GW) **Lab ID: 40127337014** Collected: 01/20/16 13:00 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		01/22/16 15:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		01/22/16 15:45	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/16 15:45	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/22/16 15:45	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		01/22/16 15:45	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		01/22/16 15:45	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		01/22/16 15:45	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		01/22/16 15:45	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/22/16 15:45	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		01/22/16 15:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/22/16 15:45	460-00-4	pH
Dibromofluoromethane (S)	115	%	70-130		1		01/22/16 15:45	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		01/22/16 15:45	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (GW) **Lab ID: 40127337015** Collected: 01/20/16 13:45 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		01/25/16 08:52	630-20-6	
1,1,1-Trichloroethane	**40.7**	ug/L	10.0	5.0	10		01/25/16 08:52	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		01/25/16 08:52	79-34-5	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		01/25/16 08:52	79-00-5	
1,1-Dichloroethane	**10.8**	ug/L	10.0	2.4	10		01/25/16 08:52	75-34-3	
1,1-Dichloroethene	**7.1J**	ug/L	10.0	4.1	10		01/25/16 08:52	75-35-4	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		01/25/16 08:52	563-58-6	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		01/25/16 08:52	87-61-6	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	96-18-4	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		01/25/16 08:52	120-82-1	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		01/25/16 08:52	96-12-8	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		01/25/16 08:52	106-93-4	
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	95-50-1	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		01/25/16 08:52	107-06-2	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		01/25/16 08:52	78-87-5	
1,3,5-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	108-67-8	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	541-73-1	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	142-28-9	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	106-46-7	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		01/25/16 08:52	594-20-7	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		01/25/16 08:52	106-43-4	
Benzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		01/25/16 08:52	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		01/25/16 08:52	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		01/25/16 08:52	74-83-9	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		01/25/16 08:52	75-00-3	
Chloroform	**<25.0**	ug/L	50.0	25.0	10		01/25/16 08:52	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	74-87-3	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	124-48-1	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		01/25/16 08:52	74-95-3	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		01/25/16 08:52	75-71-8	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	108-20-3	
Ethylbenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		01/25/16 08:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.4**	ug/L	10.0	1.4	10		01/25/16 08:52	98-82-8	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		01/25/16 08:52	1634-04-4	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		01/25/16 08:52	75-09-2	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		01/25/16 08:52	91-20-3	
Styrene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	100-42-5	
Tetrachloroethene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	127-18-4	

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ANALYTICAL RESULTS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Sample: HP-3 (GW) **Lab ID: 40127337015** Collected: 01/20/16 13:45 Received: 01/21/16 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	108-88-3	
Trichloroethene	**1790**	ug/L	10.0	3.3	10		01/25/16 08:52	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		01/25/16 08:52	75-69-4	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		01/25/16 08:52	75-01-4	
cis-1,2-Dichloroethene	**28.7**	ug/L	10.0	2.6	10		01/25/16 08:52	156-59-2	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	10061-01-5	
m&p-Xylene	**<10.0**	ug/L	20.0	10.0	10		01/25/16 08:52	179601-23-1	
n-Butylbenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	104-51-8	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	103-65-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	95-47-6	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		01/25/16 08:52	99-87-6	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		01/25/16 08:52	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		01/25/16 08:52	98-06-6	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		01/25/16 08:52	156-60-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		01/25/16 08:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		01/25/16 08:52	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		10		01/25/16 08:52	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		01/25/16 08:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

QC Batch: MSV/31983 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40127337001, 40127337002, 40127337003, 40127337004, 40127337005, 40127337006, 40127337007, 40127337008, 40127337009, 40127337010, 40127337011

METHOD BLANK: 1286902 Matrix: Solid
Associated Lab Samples: 40127337001, 40127337002, 40127337003, 40127337004, 40127337005, 40127337006, 40127337007, 40127337008, 40127337009, 40127337010, 40127337011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/22/16 12:53	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/22/16 12:53	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/22/16 12:53	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/22/16 12:53	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/22/16 12:53	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/22/16 12:53	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/22/16 12:53	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	01/22/16 12:53	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/22/16 12:53	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/22/16 12:53	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/22/16 12:53	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/22/16 12:53	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/22/16 12:53	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/22/16 12:53	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/22/16 12:53	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/22/16 12:53	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/22/16 12:53	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/22/16 12:53	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/22/16 12:53	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/22/16 12:53	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/22/16 12:53	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/22/16 12:53	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/22/16 12:53	
Benzene	ug/kg	<9.2	20.0	01/22/16 12:53	
Bromobenzene	ug/kg	<20.6	50.0	01/22/16 12:53	
Bromochloromethane	ug/kg	<21.4	50.0	01/22/16 12:53	
Bromodichloromethane	ug/kg	<9.8	50.0	01/22/16 12:53	
Bromoform	ug/kg	<19.8	50.0	01/22/16 12:53	
Bromomethane	ug/kg	<69.9	250	01/22/16 12:53	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/22/16 12:53	
Chlorobenzene	ug/kg	<14.8	50.0	01/22/16 12:53	
Chloroethane	ug/kg	<67.0	250	01/22/16 12:53	
Chloroform	ug/kg	<46.4	250	01/22/16 12:53	
Chloromethane	ug/kg	<20.4	50.0	01/22/16 12:53	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/22/16 12:53	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/22/16 12:53	
Dibromochloromethane	ug/kg	<17.9	50.0	01/22/16 12:53	
Dibromomethane	ug/kg	<19.3	50.0	01/22/16 12:53	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/22/16 12:53	
Diisopropyl ether	ug/kg	<17.7	50.0	01/22/16 12:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

METHOD BLANK: 1286902 Matrix: Solid

Associated Lab Samples: 40127337001, 40127337002, 40127337003, 40127337004, 40127337005, 40127337006, 40127337007, 40127337008, 40127337009, 40127337010, 40127337011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	01/22/16 12:53	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	01/22/16 12:53	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/22/16 12:53	
m&p-Xylene	ug/kg	<34.4	100	01/22/16 12:53	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/22/16 12:53	
Methylene Chloride	ug/kg	<16.2	50.0	01/22/16 12:53	
n-Butylbenzene	ug/kg	<10.5	50.0	01/22/16 12:53	
n-Propylbenzene	ug/kg	<11.6	50.0	01/22/16 12:53	
Naphthalene	ug/kg	<40.0	250	01/22/16 12:53	
o-Xylene	ug/kg	<14.0	50.0	01/22/16 12:53	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/22/16 12:53	
sec-Butylbenzene	ug/kg	<11.9	50.0	01/22/16 12:53	
Styrene	ug/kg	<9.0	50.0	01/22/16 12:53	
tert-Butylbenzene	ug/kg	<9.5	50.0	01/22/16 12:53	
Tetrachloroethene	ug/kg	<12.9	50.0	01/22/16 12:53	
Toluene	ug/kg	<11.2	50.0	01/22/16 12:53	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/22/16 12:53	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/22/16 12:53	
Trichloroethene	ug/kg	<23.6	50.0	01/22/16 12:53	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/22/16 12:53	
Vinyl chloride	ug/kg	<21.1	50.0	01/22/16 12:53	
4-Bromofluorobenzene (S)	%	91	53-134	01/22/16 12:53	
Dibromofluoromethane (S)	%	110	49-157	01/22/16 12:53	
Toluene-d8 (S)	%	96	61-148	01/22/16 12:53	

LABORATORY CONTROL SAMPLE: 1286903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2550	102	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2550	102	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2480	99	70-130	
1,1-Dichloroethane	ug/kg	2500	2740	110	70-130	
1,1-Dichloroethene	ug/kg	2500	2460	99	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2540	102	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2190	88	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2750	110	70-134	
1,2-Dichloropropane	ug/kg	2500	2500	100	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2490	99	70-130	
Benzene	ug/kg	2500	2520	101	70-130	
Bromodichloromethane	ug/kg	2500	2180	87	70-130	

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

LABORATORY CONTROL SAMPLE: 1286903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	1970	79	48-130	
Bromomethane	ug/kg	2500	2430	97	70-169	
Carbon tetrachloride	ug/kg	2500	2680	107	67-130	
Chlorobenzene	ug/kg	2500	2580	103	70-130	
Chloroethane	ug/kg	2500	2510	100	70-191	
Chloroform	ug/kg	2500	2500	100	70-130	
Chloromethane	ug/kg	2500	1960	78	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2600	104	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2480	99	70-130	
Dibromochloromethane	ug/kg	2500	2290	92	65-130	
Dichlorodifluoromethane	ug/kg	2500	1150	46	12-150	
Ethylbenzene	ug/kg	2500	2420	97	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2430	97	70-130	
m&p-Xylene	ug/kg	5000	4890	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2670	107	70-130	
Methylene Chloride	ug/kg	2500	2620	105	70-131	
o-Xylene	ug/kg	2500	2480	99	70-130	
Styrene	ug/kg	2500	2530	101	70-130	
Tetrachloroethene	ug/kg	2500	2160	87	70-130	
Toluene	ug/kg	2500	2420	97	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2630	105	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	2080	83	65-130	
Trichloroethene	ug/kg	2500	2500	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2610	105	50-150	
Vinyl chloride	ug/kg	2500	2110	84	67-134	
4-Bromofluorobenzene (S)	%			95	53-134	
Dibromofluoromethane (S)	%			114	49-157	
Toluene-d8 (S)	%			93	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1286904 1286905

Parameter	Units	40127305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1410	1410	1320	1230	94	87	63-130	7	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1410	1410	1440	1480	102	105	57-136	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1410	1410	1400	1390	99	98	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1410	1410	1530	1500	108	106	62-131	2	23	
1,1-Dichloroethene	ug/kg	<25.0	1410	1410	1280	1000	91	71	42-137	25	20	R1
1,2,4-Trichlorobenzene	ug/kg	<47.6	1410	1410	1450	1480	103	105	59-137	2	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1410	1410	1380	1410	98	100	33-150	2	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1410	1410	1410	1420	100	101	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1410	1410	1480	1460	105	103	70-130	1	20	
1,2-Dichloroethane	ug/kg	<25.0	1410	1410	1520	1530	107	108	68-134	1	20	
1,2-Dichloropropane	ug/kg	<25.0	1410	1410	1410	1370	100	97	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1286904 1286905

Parameter	Units	40127305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/kg	<25.0	1410	1410	1440	1440	102	102	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1410	1410	1410	1410	100	100	69-130	0	20	
Benzene	ug/kg	<25.0	1410	1410	1390	1370	99	97	56-131	2	20	
Bromodichloromethane	ug/kg	<25.0	1410	1410	1270	1270	90	90	64-130	0	20	
Bromoform	ug/kg	<25.0	1410	1410	1200	1180	85	84	48-130	1	20	
Bromomethane	ug/kg	<69.9	1410	1410	1500	1510	106	107	18-169	1	23	
Carbon tetrachloride	ug/kg	<25.0	1410	1410	1330	1210	94	86	59-130	9	20	
Chlorobenzene	ug/kg	<25.0	1410	1410	1430	1400	101	99	70-130	2	20	
Chloroethane	ug/kg	<67.0	1410	1410	1320	1250	94	89	10-191	6	20	
Chloroform	ug/kg	<46.4	1410	1410	1430	1400	101	99	65-130	2	20	
Chloromethane	ug/kg	<25.0	1410	1410	1080	1090	76	77	36-132	1	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1450	1430	103	101	59-136	2	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1280	1240	90	88	60-130	3	20	
Dibromochloromethane	ug/kg	<25.0	1410	1410	1360	1320	96	93	59-130	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1410	1410	747	633	53	45	10-150	16	27	
Ethylbenzene	ug/kg	<25.0	1410	1410	1300	1240	92	88	64-130	5	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1410	1410	1300	1250	92	88	69-138	4	20	
m&p-Xylene	ug/kg	<50.0	2820	2820	2590	2540	92	90	61-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1410	1410	1530	1540	109	109	52-134	0	20	
Methylene Chloride	ug/kg	<25.0	1410	1410	1540	1550	109	110	61-131	1	20	
o-Xylene	ug/kg	<25.0	1410	1410	1330	1290	94	91	63-130	3	20	
Styrene	ug/kg	<25.0	1410	1410	1410	1360	100	96	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	1410	1410	1180	1070	83	76	65-130	9	20	
Toluene	ug/kg	<25.0	1410	1410	1350	1260	96	89	65-130	7	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1360	1350	96	96	55-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1200	1200	85	85	54-130	0	20	
Trichloroethene	ug/kg	<25.0	1410	1410	1310	1250	93	89	70-130	4	20	
Trichlorofluoromethane	ug/kg	<25.0	1410	1410	1180	1190	84	85	42-150	1	24	
Vinyl chloride	ug/kg	<25.0	1410	1410	1220	1110	87	79	35-134	10	20	
4-Bromofluorobenzene (S)	%						92	91	53-134			
Dibromofluoromethane (S)	%						115	112	49-157			
Toluene-d8 (S)	%						97	96	61-148			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

QC Batch: MSV/31997
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40127337012

METHOD BLANK: 1287340
Matrix: Solid
Associated Lab Samples: 40127337012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/25/16 09:14	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/25/16 09:14	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/25/16 09:14	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/25/16 09:14	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/25/16 09:14	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/25/16 09:14	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/25/16 09:14	
1,2,3-Trichlorobenzene	ug/kg	24.3J	50.0	01/25/16 09:14	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/25/16 09:14	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/25/16 09:14	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/25/16 09:14	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/25/16 09:14	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/25/16 09:14	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/25/16 09:14	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/25/16 09:14	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/25/16 09:14	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/25/16 09:14	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/25/16 09:14	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/25/16 09:14	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/25/16 09:14	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/25/16 09:14	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/25/16 09:14	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/25/16 09:14	
Benzene	ug/kg	<9.2	20.0	01/25/16 09:14	
Bromobenzene	ug/kg	<20.6	50.0	01/25/16 09:14	
Bromochloromethane	ug/kg	<21.4	50.0	01/25/16 09:14	
Bromodichloromethane	ug/kg	<9.8	50.0	01/25/16 09:14	
Bromoform	ug/kg	<19.8	50.0	01/25/16 09:14	
Bromomethane	ug/kg	<69.9	250	01/25/16 09:14	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/25/16 09:14	
Chlorobenzene	ug/kg	<14.8	50.0	01/25/16 09:14	
Chloroethane	ug/kg	<67.0	250	01/25/16 09:14	
Chloroform	ug/kg	<46.4	250	01/25/16 09:14	
Chloromethane	ug/kg	<20.4	50.0	01/25/16 09:14	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/25/16 09:14	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/25/16 09:14	
Dibromochloromethane	ug/kg	<17.9	50.0	01/25/16 09:14	
Dibromomethane	ug/kg	<19.3	50.0	01/25/16 09:14	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/25/16 09:14	
Diisopropyl ether	ug/kg	<17.7	50.0	01/25/16 09:14	
Ethylbenzene	ug/kg	<12.4	50.0	01/25/16 09:14	

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

METHOD BLANK: 1287340 Matrix: Solid
Associated Lab Samples: 40127337012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	01/25/16 09:14	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/25/16 09:14	
m&p-Xylene	ug/kg	<34.4	100	01/25/16 09:14	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/25/16 09:14	
Methylene Chloride	ug/kg	<16.2	50.0	01/25/16 09:14	
n-Butylbenzene	ug/kg	<10.5	50.0	01/25/16 09:14	
n-Propylbenzene	ug/kg	<11.6	50.0	01/25/16 09:14	
Naphthalene	ug/kg	<40.0	250	01/25/16 09:14	
o-Xylene	ug/kg	<14.0	50.0	01/25/16 09:14	
p-Isopropyltoluene	ug/kg	14.1J	50.0	01/25/16 09:14	
sec-Butylbenzene	ug/kg	12.2J	50.0	01/25/16 09:14	
Styrene	ug/kg	<9.0	50.0	01/25/16 09:14	
tert-Butylbenzene	ug/kg	9.7J	50.0	01/25/16 09:14	
Tetrachloroethene	ug/kg	<12.9	50.0	01/25/16 09:14	
Toluene	ug/kg	<11.2	50.0	01/25/16 09:14	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/25/16 09:14	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/25/16 09:14	
Trichloroethene	ug/kg	<23.6	50.0	01/25/16 09:14	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/25/16 09:14	
Vinyl chloride	ug/kg	<21.1	50.0	01/25/16 09:14	
4-Bromofluorobenzene (S)	%	95	53-134	01/25/16 09:14	
Dibromofluoromethane (S)	%	107	49-157	01/25/16 09:14	
Toluene-d8 (S)	%	107	61-148	01/25/16 09:14	

LABORATORY CONTROL SAMPLE: 1287341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2720	109	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2360	94	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2400	96	70-130	
1,1-Dichloroethane	ug/kg	2500	2590	104	70-130	
1,1-Dichloroethene	ug/kg	2500	2560	103	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2360	94	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2120	85	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2360	94	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2950	118	70-134	
1,2-Dichloropropane	ug/kg	2500	2480	99	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2590	104	70-130	
Benzene	ug/kg	2500	2770	111	70-130	
Bromodichloromethane	ug/kg	2500	2340	94	70-130	
Bromoform	ug/kg	2500	1920	77	48-130	
Bromomethane	ug/kg	2500	3280	131	70-169	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

LABORATORY CONTROL SAMPLE: 1287341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2580	103	67-130	
Chlorobenzene	ug/kg	2500	2590	103	70-130	
Chloroethane	ug/kg	2500	2920	117	70-191	
Chloroform	ug/kg	2500	2900	116	70-130	
Chloromethane	ug/kg	2500	2100	84	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2580	103	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2480	99	70-130	
Dibromochloromethane	ug/kg	2500	2250	90	65-130	
Dichlorodifluoromethane	ug/kg	2500	1530	61	12-150	
Ethylbenzene	ug/kg	2500	2490	100	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2460	98	70-130	
m&p-Xylene	ug/kg	5000	5020	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2600	104	70-130	
Methylene Chloride	ug/kg	2500	2860	114	70-131	
o-Xylene	ug/kg	2500	2310	92	70-130	
Styrene	ug/kg	2500	2480	99	70-130	
Tetrachloroethene	ug/kg	2500	2560	102	70-130	
Toluene	ug/kg	2500	2450	98	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2540	102	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	2430	97	65-130	
Trichloroethene	ug/kg	2500	2600	104	70-130	
Trichlorofluoromethane	ug/kg	2500	2560	102	50-150	
Vinyl chloride	ug/kg	2500	2430	97	67-134	
4-Bromofluorobenzene (S)	%			98	53-134	
Dibromofluoromethane (S)	%			109	49-157	
Toluene-d8 (S)	%			104	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1287342 1287343

Parameter	Units	60211494014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	1110	1110	1010	1020	91	92	63-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1110	1110	1150	1130	104	102	57-136	1	20	
1,1,2-Trichloroethane	ug/kg	ND	1110	1110	1110	1100	100	99	70-130	1	20	
1,1-Dichloroethane	ug/kg	ND	1110	1110	1130	1110	102	100	62-131	2	23	
1,1-Dichloroethene	ug/kg	ND	1110	1110	867	918	78	83	42-137	6	20	
1,2,4-Trichlorobenzene	ug/kg	ND	1110	1110	1180	1140	106	103	59-137	3	21	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1110	1110	953	993	86	90	33-150	4	25	
1,2-Dibromoethane (EDB)	ug/kg	ND	1110	1110	1010	1000	92	91	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	ND	1110	1110	1210	1200	110	108	70-130	1	20	
1,2-Dichloroethane	ug/kg	ND	1110	1110	1270	1280	115	116	68-134	1	20	
1,2-Dichloropropane	ug/kg	ND	1110	1110	1070	1120	96	102	70-130	5	20	
1,3-Dichlorobenzene	ug/kg	ND	1110	1110	1160	1180	105	107	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	ND	1110	1110	1180	1210	106	109	69-130	3	20	

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1287342 1287343

Parameter	Units	60211494014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	1110	1110	1140	1170	103	106	56-131	2	20	
Bromodichloromethane	ug/kg	ND	1110	1110	963	1030	87	93	64-130	7	20	
Bromoform	ug/kg	ND	1110	1110	794	738	72	67	48-130	7	20	
Bromomethane	ug/kg	ND	1110	1110	1360	1500	123	135	18-169	10	23	
Carbon tetrachloride	ug/kg	ND	1110	1110	911	905	82	82	59-130	1	20	
Chlorobenzene	ug/kg	ND	1110	1110	1140	1170	103	106	70-130	3	20	
Chloroethane	ug/kg	ND	1110	1110	1150	1160	104	105	10-191	1	20	
Chloroform	ug/kg	ND	1110	1110	1240	1240	112	112	65-130	1	20	
Chloromethane	ug/kg	ND	1110	1110	889	880	80	80	36-132	1	20	
cis-1,2-Dichloroethene	ug/kg	ND	1110	1110	1080	1090	98	99	59-136	1	24	
cis-1,3-Dichloropropene	ug/kg	ND	1110	1110	1040	1060	94	96	60-130	2	20	
Dibromochloromethane	ug/kg	ND	1110	1110	929	944	84	85	59-130	2	20	
Dichlorodifluoromethane	ug/kg	ND	1110	1110	559	529	51	48	10-150	5	27	
Ethylbenzene	ug/kg	ND	1110	1110	1030	1030	94	93	64-130	0	20	
Isopropylbenzene (Cumene)	ug/kg	ND	1110	1110	982	995	89	90	69-138	1	20	
m&p-Xylene	ug/kg	ND	2210	2210	2090	2100	95	95	61-130	0	20	
Methyl-tert-butyl ether	ug/kg	ND	1110	1110	1230	1170	111	106	52-134	5	20	
Methylene Chloride	ug/kg	ND	1110	1110	1190	1210	108	110	61-131	2	20	
o-Xylene	ug/kg	ND	1110	1110	1010	1000	91	91	63-130	0	20	
Styrene	ug/kg	ND	1110	1110	1070	1060	96	96	70-130	0	20	
Tetrachloroethene	ug/kg	ND	1110	1110	1010	979	91	89	65-130	3	20	
Toluene	ug/kg	ND	1110	1110	1040	1070	94	97	65-130	3	20	
trans-1,2-Dichloroethene	ug/kg	ND	1110	1110	1010	1070	91	97	55-130	6	20	
trans-1,3-Dichloropropene	ug/kg	ND	1110	1110	1070	1040	97	94	54-130	3	20	
Trichloroethene	ug/kg	ND	1110	1110	1040	1070	94	97	70-130	3	20	
Trichlorofluoromethane	ug/kg	ND	1110	1110	842	853	76	77	42-150	1	24	
Vinyl chloride	ug/kg	ND	1110	1110	930	958	84	87	35-134	3	20	
4-Bromofluorobenzene (S)	%						104	105	53-134			
Dibromofluoromethane (S)	%						109	109	49-157			
Toluene-d8 (S)	%						109	109	61-148			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

QC Batch: MSV/31978 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40127337013, 40127337014, 40127337015

METHOD BLANK: 1286689 Matrix: Water
Associated Lab Samples: 40127337013, 40127337014, 40127337015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	01/22/16 06:49	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	01/22/16 06:49	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	01/22/16 06:49	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	01/22/16 06:49	
1,1-Dichloroethane	ug/L	<0.24	1.0	01/22/16 06:49	
1,1-Dichloroethene	ug/L	<0.41	1.0	01/22/16 06:49	
1,1-Dichloropropene	ug/L	<0.44	1.0	01/22/16 06:49	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	01/22/16 06:49	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	01/22/16 06:49	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	01/22/16 06:49	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	01/22/16 06:49	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	01/22/16 06:49	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	01/22/16 06:49	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	01/22/16 06:49	
1,2-Dichloroethane	ug/L	<0.17	1.0	01/22/16 06:49	
1,2-Dichloropropane	ug/L	<0.23	1.0	01/22/16 06:49	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	01/22/16 06:49	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	01/22/16 06:49	
1,3-Dichloropropane	ug/L	<0.50	1.0	01/22/16 06:49	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	01/22/16 06:49	
2,2-Dichloropropane	ug/L	<0.48	1.0	01/22/16 06:49	
2-Chlorotoluene	ug/L	<0.50	1.0	01/22/16 06:49	
4-Chlorotoluene	ug/L	<0.21	1.0	01/22/16 06:49	
Benzene	ug/L	<0.50	1.0	01/22/16 06:49	
Bromobenzene	ug/L	<0.23	1.0	01/22/16 06:49	
Bromochloromethane	ug/L	<0.34	1.0	01/22/16 06:49	
Bromodichloromethane	ug/L	<0.50	1.0	01/22/16 06:49	
Bromoform	ug/L	<0.50	1.0	01/22/16 06:49	
Bromomethane	ug/L	<2.4	5.0	01/22/16 06:49	
Carbon tetrachloride	ug/L	<0.50	1.0	01/22/16 06:49	
Chlorobenzene	ug/L	<0.50	1.0	01/22/16 06:49	
Chloroethane	ug/L	<0.37	1.0	01/22/16 06:49	
Chloroform	ug/L	<2.5	5.0	01/22/16 06:49	
Chloromethane	ug/L	<0.50	1.0	01/22/16 06:49	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	01/22/16 06:49	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	01/22/16 06:49	
Dibromochloromethane	ug/L	<0.50	1.0	01/22/16 06:49	
Dibromomethane	ug/L	<0.43	1.0	01/22/16 06:49	
Dichlorodifluoromethane	ug/L	<0.22	1.0	01/22/16 06:49	
Diisopropyl ether	ug/L	<0.50	1.0	01/22/16 06:49	
Ethylbenzene	ug/L	<0.50	1.0	01/22/16 06:49	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

METHOD BLANK: 1286689 Matrix: Water
Associated Lab Samples: 40127337013, 40127337014, 40127337015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	01/22/16 06:49	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	01/22/16 06:49	
m&p-Xylene	ug/L	<1.0	2.0	01/22/16 06:49	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	01/22/16 06:49	
Methylene Chloride	ug/L	<0.23	1.0	01/22/16 06:49	
n-Butylbenzene	ug/L	<0.50	1.0	01/22/16 06:49	
n-Propylbenzene	ug/L	<0.50	1.0	01/22/16 06:49	
Naphthalene	ug/L	<2.5	5.0	01/22/16 06:49	
o-Xylene	ug/L	<0.50	1.0	01/22/16 06:49	
p-Isopropyltoluene	ug/L	<0.50	1.0	01/22/16 06:49	
sec-Butylbenzene	ug/L	<2.2	5.0	01/22/16 06:49	
Styrene	ug/L	<0.50	1.0	01/22/16 06:49	
tert-Butylbenzene	ug/L	<0.18	1.0	01/22/16 06:49	
Tetrachloroethene	ug/L	<0.50	1.0	01/22/16 06:49	
Toluene	ug/L	<0.50	1.0	01/22/16 06:49	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	01/22/16 06:49	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	01/22/16 06:49	
Trichloroethene	ug/L	<0.33	1.0	01/22/16 06:49	
Trichlorofluoromethane	ug/L	<0.18	1.0	01/22/16 06:49	
Vinyl chloride	ug/L	<0.18	1.0	01/22/16 06:49	
4-Bromofluorobenzene (S)	%	97	70-130	01/22/16 06:49	
Dibromofluoromethane (S)	%	115	70-130	01/22/16 06:49	
Toluene-d8 (S)	%	98	70-130	01/22/16 06:49	

LABORATORY CONTROL SAMPLE: 1286690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.3	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	70-130	
1,1,2-Trichloroethane	ug/L	50	53.1	106	70-130	
1,1-Dichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethene	ug/L	50	49.3	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.0	110	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	55.2	110	70-130	
1,2-Dichlorobenzene	ug/L	50	54.8	110	70-130	
1,2-Dichloroethane	ug/L	50	52.3	105	70-131	
1,2-Dichloropropane	ug/L	50	53.0	106	70-130	
1,3-Dichlorobenzene	ug/L	50	54.9	110	70-130	
1,4-Dichlorobenzene	ug/L	50	54.5	109	70-130	
Benzene	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	54.2	108	70-130	
Bromoform	ug/L	50	52.9	106	68-130	
Bromomethane	ug/L	50	31.9	64	38-137	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

LABORATORY CONTROL SAMPLE: 1286690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	56.0	112	70-130	
Chlorobenzene	ug/L	50	55.8	112	70-130	
Chloroethane	ug/L	50	40.4	81	70-136	
Chloroform	ug/L	50	53.5	107	70-130	
Chloromethane	ug/L	50	33.4	67	48-144	
cis-1,2-Dichloroethene	ug/L	50	51.8	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.0	106	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	24.3	49	33-157	
Ethylbenzene	ug/L	50	57.7	115	70-132	
Isopropylbenzene (Cumene)	ug/L	50	60.6	121	70-130	
m&p-Xylene	ug/L	100	118	118	70-131	
Methyl-tert-butyl ether	ug/L	50	51.2	102	48-141	
Methylene Chloride	ug/L	50	50.4	101	70-130	
o-Xylene	ug/L	50	58.6	117	70-131	
Styrene	ug/L	50	55.3	111	70-130	
Tetrachloroethene	ug/L	50	57.4	115	70-130	
Toluene	ug/L	50	55.9	112	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	70-130	
Trichloroethene	ug/L	50	56.4	113	70-130	
Trichlorofluoromethane	ug/L	50	52.3	105	50-150	
Vinyl chloride	ug/L	50	42.2	84	65-142	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

QC Batch: PMST/12351 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40127337003, 40127337004, 40127337006, 40127337007

SAMPLE DUPLICATE: 1287965

Parameter	Units	40127496001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.5	19.1	2	10	

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QUALITY CONTROL DATA

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

QC Batch: PMST/12354 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40127337001, 40127337002, 40127337005, 40127337008, 40127337009, 40127337010, 40127337011, 40127337012

SAMPLE DUPLICATE: 1288579

Parameter	Units	40127337001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	12.1	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

R1	RPD value was outside control limits.
W	Non-detect results are reported on a wet weight basis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15-15011 SUPERIOR LINENS
Pace Project No.: 40127337

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40127337001	HP-1 (2.5-3.5 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337002	HP-1 (16-17 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337003	HP-2 (3-4 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337004	HP-2 (11-12 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337005	HP-5 (3-4 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337006	HP-5 (10-11 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337007	HP-4 (3-4 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337008	HP-4 (13-14 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337009	HP-3 (1.5-2.5 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337010	HP-3 (16-17 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337011	HP-6 (2-3 FT)	EPA 5035/5030B	MSV/31983	EPA 8260	MSV/31984
40127337012	HP-6 (9-10 FT)	EPA 5035/5030B	MSV/31997	EPA 8260	MSV/31998
40127337013	HP-1 (GW)	EPA 8260	MSV/31978		
40127337014	HP-5 (GW)	EPA 8260	MSV/31978		
40127337015	HP-3 (GW)	EPA 8260	MSV/31978		
40127337001	HP-1 (2.5-3.5 FT)	ASTM D2974-87	PMST/12354		
40127337002	HP-1 (16-17 FT)	ASTM D2974-87	PMST/12354		
40127337003	HP-2 (3-4 FT)	ASTM D2974-87	PMST/12351		
40127337004	HP-2 (11-12 FT)	ASTM D2974-87	PMST/12351		
40127337005	HP-5 (3-4 FT)	ASTM D2974-87	PMST/12354		
40127337006	HP-5 (10-11 FT)	ASTM D2974-87	PMST/12351		
40127337007	HP-4 (3-4 FT)	ASTM D2974-87	PMST/12351		
40127337008	HP-4 (13-14 FT)	ASTM D2974-87	PMST/12354		
40127337009	HP-3 (1.5-2.5 FT)	ASTM D2974-87	PMST/12354		
40127337010	HP-3 (16-17 FT)	ASTM D2974-87	PMST/12354		
40127337011	HP-6 (2-3 FT)	ASTM D2974-87	PMST/12354		
40127337012	HP-6 (9-10 FT)	ASTM D2974-87	PMST/12354		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

mm-

40127337

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	SMA
Branch/Location:	
Project Contact:	Steve Swenson
Phone:	6304278100
Project Number:	15-15011
Project Name:	Superior Liners
Project State:	WI
Sampled By (Print):	Matt Lyle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO) Y/N	N	N
					PRESERVATION (CODE)* Pick Letter	F	B
001	HP-1 (2.5-3.5ft)	1/19/16	0925	S		X	
002	HP-1 (16-17ft)		1100			X	
003	HP-2 (3-4ft)		1150			X	
004	HP-2 (11-12ft)		1305			X	
005	HP-5 (3-4ft)	1/20/16	1045			X	
006	HP-5 (10-11ft)		1050			X	
007	HP-4 (3-4ft)		1140			X	
008	HP-4 (13-14ft)		1145			X	
009	HP-3 (1.5-2.5ft)		1215			X	
010	HP-3 (16-17ft)		1225			X	
011	HP-6 (2-3ft)		1305			X	
012	HP-6 (9-10ft)		1310			X	
013	~~Field~~ HP-1 (GW)		0955	W			X

Vac Vac

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	2-40ml v^F 1-4oz p^A	
	3-40ml v^B	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	1/20/16 1505		
	1-20-16		
C.S Logistics	1/21/16 0915	PaceRec	1/21/16 0915

PACE Project No.: 40127337
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present (circled) Intact / Not Intact

C019a(27Jun2006)
Version 6.0 06/14/06

UPPER MIDWEST REGION
MN: 612-607-1700 · WI: 920-469-2436

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	SMA
Branch/Location:	Downers Grove IL
Project Contact:	Steve Swerbin
Phone:	6308727810
Project Number:	15-1511
Project Name:	Superior Health Linen
Project State:	WI
Sampled By (Print):	Matt Lytle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter				
014	~~GW~~ HP-5 (GW)	1/20/16	1300	W	N	B	X		3-40ml V B	
015	~~GW~~ HP-3 (GW)	↓	1345	W	N	B	X		↓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	1/20/16 1555		
	1-20-16		
CS Logistics	1/21/16 0915	Renee Pace	1/21/16 0915

PACE Project No.: 40127337

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / ~~Not Present~~
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: **WO# : 40127337**

40127337

Client Name: SMA

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: GS LOGISTICS

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 1/21/16
Initials: TL

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☐Yes ☒No ☐N/A	12. 001 no collect time, 012 1 vial + poly collect time 1305, 014 collect time 1330 ~~1330~~ 1/21/16 TL
-Includes date/time/ID/Analysis Matrix: S+W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct 1/21/16 TL
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☒Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	14.
Trip Blank Present:	☐Yes ☒No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: 001- 1 vial has clipped septa mm1-21-16

Project Manager Review: LW **Date:** 1/21/16