LiRo Engineers, Inc.

A LiRo Group Company

690 Delaware Avenue, Buffalo, New York Telephone 716.882.5476 Facsimile 716.882.9640

May 21, 2009

Mr. Glenn May
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

Re: Spaulding Fibre Press Room Basement Results

Dear Mr. May:

Based on historic documentation of a PCB contaminated area adjacent to the Spaulding Fibre facility Press Room, NYSDEC requested that LiRo characterize soil conditions below the Press Room Basement area. For the past 16 years, the basement was used to store PCB-contaminated water prior to on-site treatment. The current sampling also included sediment/sludge which accumulated while water was stored there. The Press Room is located in the northwest portion of the Spaulding Fibre Plant.

Press Room basement sampling included sub-slab soil samples from beneath the basement floor and sludge samples from the basement floor surface. Nine (9) basement locations were selected for soil sampling (PB-1 – PB-9) based on proximity to floor drain locations. Three (3) sludge samples (DS-1, S-1 and S-2) were collected from the basement floor, trench and floor drain. The sampling locations are shown in Figure 1. Buffalo Drilling conducted the sub-slab sampling using a core drill and split spoon sampler to a maximum depth of 5.5 feet below the basement slab. Drill refusal occurred at sampling location PB-9 and therefore no sample was collected at that location. Continuous samples were collected in accordance with the April 6, 2009 Work Plan.

The sub-slab soil conditions are based on boring observations which are detailed in the boring logs included in Attachment 1. The 5" concrete basement slab is underlain with black/gray gravel ranging in thickness from 6" to 4 ½ feet. Red/brown clay with a trace amount of silt and pebbles was observed below the gravel. Field screening for evidence of olfactory signs, staining and discoloration revealed suspect contamination at two locations. A black stain was evident in the top 2" of the gravel at PB-2 and in the top 3" of the gravel at PB-3. PID readings were not observed at any of the locations.

Ten (10) soil samples were collected on April 16, 2009 and April 17, 2009 for analysis by Chemtech. Two soil samples each were collected from PB-1 and PB-2 and one soil sample was collected from each of the PB-3 through PB-8 sample locations for PCB analysis. Soil samples collected from locations PB-1, PB-2 and PB-8 were also analyzed for VOCs, SVOCs and metals. A summary of the soil PCB results compared to NYSDEC Part 375 Restricted Residential criteria and USEPA disposal criteria are provided in Table 1. The results showed Part 375 PCB exceedances at locations PB-1 (0.5-2.5 feet below bottom slab), PB-2 (both depth intervals), PB-3 and PB-4. USEPA PCB exceedances were shown in samples PB-2 (4.5-5.5) and PB-3. PCBs were detected below criteria at locations PB-5 through PB-8.

Three sludge samples (DS-1, S-1 and S-2) were collected on April 10, 2009 and April 17, 2009 for PCB analysis by Chemtech. PCB sludge results are presented in Table 2. Sample DS-1 was collected from the floor drain, sample S-1 was collected from the floor and sample S-2 was collected from the trench. PCBs were detected at a concentration of 72 ppm in sample S-2, which is above the USEPA disposal criteria of 50 ppm. PCBs were detected below 50 ppm in sample S-1 (29 ppm) and DS-1 (20 ppm).

Detected SVOC and metal results compared to NYSDEC Part 375 Restricted Residential criteria are provided in Table 3. VOCs were not detected in samples PB-1, PB-2 and PB-8. SVOCs and metals were detected below Part 375 Restricted Residential criteria in samples PB-1, PB-2 and PB-8. The Chemtech report is included in Attachment 2.

Based on the soil PCB results, a portion of the soil below the basement slab is contaminated with PCBs and should be removed. The estimated area of PCB-contaminated soil is shown in Figure 1. Drilling observations and analytical results suggest that the PCB contamination is concentrated in the gravel fill. This material should be excavated and disposed of in accordance with applicable regulations. Endpoint samples should be collected from the underlying native clay/silt to confirm that the PCB contamination has been adequately removed. Based on the sludge PCB results, the sludge is considered PCB hazardous waste. As a result, the sludge should be removed and disposed of in accordance with applicable regulations.

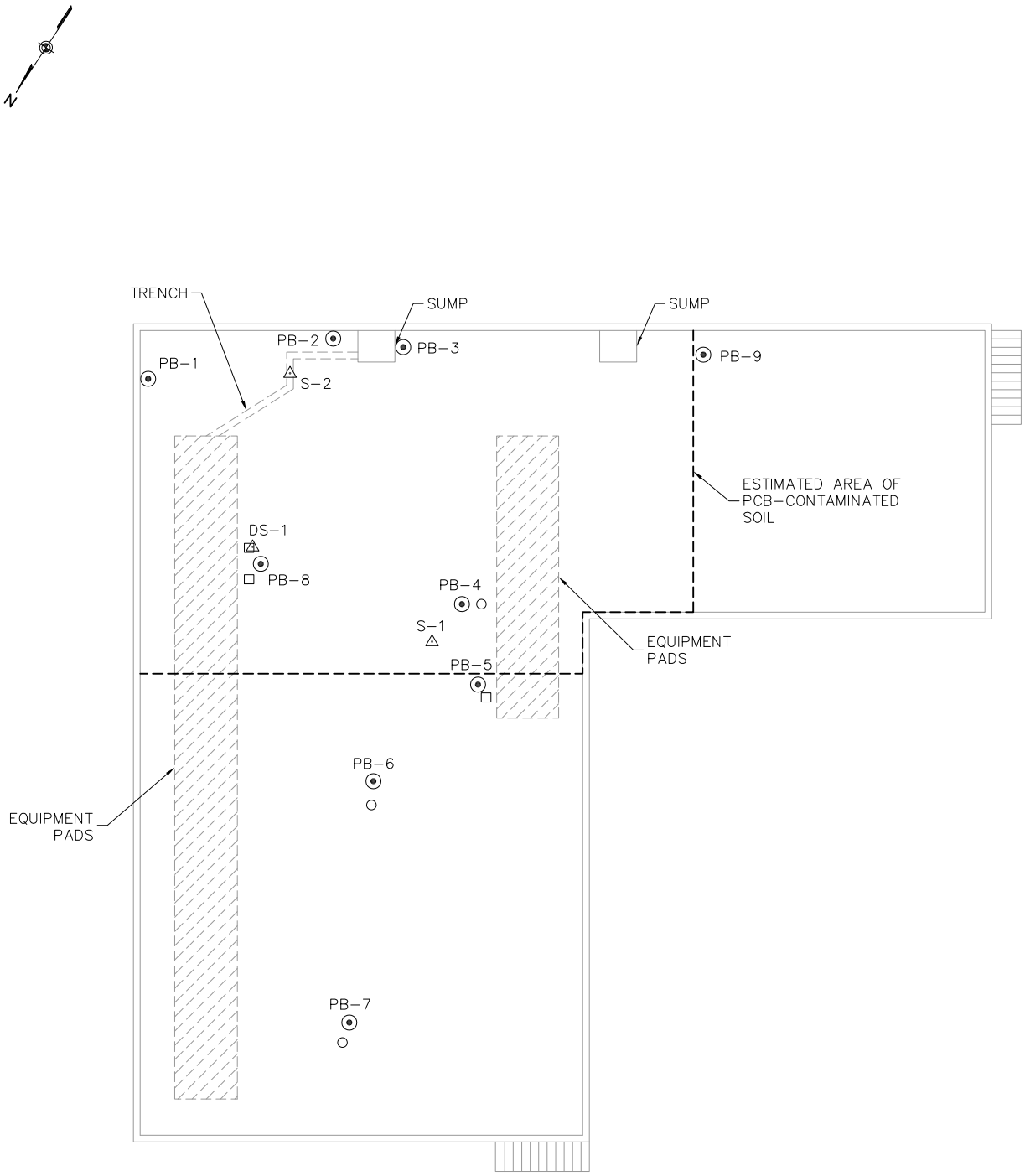
If you have any objections to this approach or have any questions about the samples or results, please contact me at your earliest convenience at (716) 882-5476.

Sincerely,

LiRo Engineers, Inc.

Stephen Frank
Senior Geologist
(attch)

REV-1



LEGEND

- ○/□ FLOOR DRAIN
- ⊙ BORING LOCATION
- △ SLUDGE SAMPLE LOCATION

10 0 10
SCALE IN FEET

LiRo-Kassner, Inc.
690 Delaware Ave.
Buffalo, New York

SPAULDING FIBRE PRESS ROOM BASEMENT SAMPLE LOCATION PLAN

FIGURE NO.

1

J:\0849446 - Spaulding Demo\CAD\SPAULDING PRESS ROOM SAMPLE.dwg, 5/21/2009 10:39:24 AM, ES

TABLE 1
SOIL SAMPLE PCB RESULTS
SPAULDING FIBRE PRESS ROOM BASEMENT
PAGE 1 OF 1

Sample Identification	**NYSDEC**	**USEPA**	PB-1	PB-1	PB-2	PB-2	PB-3	PB-4	PB-5	PB-6	PB-7	PB-8
Date Sampled	**Part 375**	**Disposal**	4/16/09	4/16/09	4/16/09	4/16/09	4/16/09	4/16/09	4/16/09	4/16/09	4/17/09	4/17/09
Sample Depth (in feet below basement slab)	**Restricted Residential**	**Criteria**	0.5-2.5	2.5-4.5	0.5-2.5	4.5-5.5	0.5-2.5	1-2	1-2.5	1-2.5	0.5-2.5	0.5-2
PCBs	Concentration in mg/kg		Concentration in mg/kg									
Aroclor 1248	1	50	25 D	0.28	32 D	**370 D**	**290 D**	13 D	0.16	0.17	0.037	1 D
Aroclor 1254	1	50	15 D	0.13	9 D	**1330 D**	**110 D**	5.5 D	0.056	ND	ND	ND

Notes:
D = Diluted
J = Estimated Value
NA = Not Analyzed
ND or U = Not detected above laboratory MDL
NS = No standard
Shaded = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective
Bold - Result exceeds USEPA disposal criteria

TABLE 2
SLUDGE SAMPLE PCB RESULTS
SPAULDING FIBRE PRESS ROOM BASEMENT
PAGE 1 OF 1

Sample Identification	**USEPA**	S-1	S-2	DS-1
Date Sampled	**Disposal Criteria**	4/10/09	4/10/09	4/17/09
PCBs	Concentration in mg/kg	Concentration in mg/kg		
Aroclor 1248	50	29 D	**72 D**	20 D

Notes:
D = Diluted
J = Estimated Value
NA = Not Analyzed
ND or U = Not detected above laboratory MDL
NS = No standard
Bold - Result exceeds USEPA disposal criteria

TABLE 3
DETECTED SVOC AND METAL SOIL SAMPLE RESULTS
SPAULDING FIBRE PRESS ROOM BASEMENT
PAGE 1 OF 1

Sample Identification	**NYSDEC**	PB-1	PB-2	PB-8
Date Sampled	**Part 375**	4/16/09	4/16/09	4/17/09
Sample Depth (in feet below basement slab)	**Restricted Residential**	2.5-4.5	4.5-5.5	0.5-2
SVOCs	Concentration in mg/kg			
Dimethylphthalate	NS	0.17 JB	0.18 JB	0.21 JB
Phenol	100	ND	ND	0.095 J
Metals	Concentration in mg/kg			
Aluminum	NS	6750	20200	6370
Arsenic	16	1.62	ND	0.94
Barium	400	62.7	149	66.2
Beryllium	72	0.35	3.33	0.32
Cadmium	4.3	1.12	0.5	1.01
Calcium	NS	59200	99300	64800
Chromium	110	10.7	13.5	9.21
Cobalt	NS	5.97	ND	5.47
Copper	270	19.7	10.8	17.1
Iron	NS	14200	5210	12900
Lead	400	10.4	14.8	9.92
Magnesium	NS	19000	17300	19400
Manganese	2000	501	1970	477
Mercury	0.81	0.009 J	ND	ND
Nickel	310	14.9	3.21	13.2
Potassium	NS	1080	1350	1140
Selenium	180	1.28	0.68 J	1.01
Sodium	NS	159	895	169
Thallium	NS	ND	ND	ND
Vanadium	NS	15.3	3.24	14.5
Zinc	10000	93	33.3	72.3

Notes:
D = Diluted
J = Estimated Value
NA = Not Analyzed
ND or U = Not detected above laboratory MDL
NS = No standard
Bold = Result exceeds 6 NYCRR Part 375 Restricted-Residential Objective

LiRo Engineers, Inc.

A LiRo Group Company

690 Delaware Avenue, Buffalo, New York Telephone 716.882.5476 Facsimile 716.882.9640

ATTACHMENT 1

LiRo Engineers, Inc.

BORING NO. PB-1

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE STARTED:	4-16-09		
DATE FINISHED:	4-16-09		
DRILLER:	Jeff Hubert		
GEOLOGIST:	Jason Colvin		
REVIEWED BY:	Steve Frank		

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE		SS		
				DIA.		2"		
				WT.		JH		
				FALL				
				* POCKET PENETROMETER READING				

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								~5" CONCRETE			
		1*	SS		25%	GRAY		GRAVEL		0ppm	MOIST
		2*	SS		95%	Red/Brwn		NATIVE CLAY/SILT		0ppm	SLIGHTLY MOIST
5								END OF BORING AT 4.5'			
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion.

* Sampled (0.5'-2.5') for PCB. Sampled (7.5'-4.5') for VOC, SVOC, Metals, PCB.

PROJECT NO. : 07-25-306A **BORING NO. :** PB-1

LiRo Engineers, Inc.

BORING NO. PB-2

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE STARTED:	4-16-09		
DATE FINISHED:	4-16-09		
DRILLER:	Jeff Hubert		
GEOLOGIST:	Jason Colvin		
REVIEWED BY:	Steve Frank		

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE		SS		
				DIA.		2"		
				WT.		5lb		
				FALL				
				* POCKET PENETROMETER READING				

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								~5" CONCRETE			
		1	SS		40%	Black/ Gray		Gravel - Black stain evident in top 2"		0ppm	MOIST
		2	SS		40%	Gray					
5											
		3*	SS		100%	Red/ Brown		Native clay/silt			SLIGHTLY MOIST
								End of Boring at 6.5'			
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill.
Sledgehammer used to drive split spoon to boring completion.
*Sampled (0.5-7.5') for PCB. Sampled (4.5'-5.5') for VOC, SVOC, Metals, PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-2

LiRo Engineers, Inc.

BORING NO. PB-3

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE / **TIME** / **LEVEL** / **TYPE**		**DATE STARTED:**	4-16-09
		DATE FINISHED:	4-16-09
		DRILLER:	Jeff Hubert
		GEOLOGIST:	Jason Colvin
		REVIEWED BY:	Steve Frank

	CAS.	SAMPLER	CORE	TUBE
TYPE		SS		
DIA.		2"		
WT.		3H		
FALL				

* POCKET PENETROMETER READING

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID / moisture
								~5" Concrete		
		1	SS		45	Black/ Gray		Gravel - Black stain evident in top 3"		0ppm / MOIST
		2	SS		50	Gray				
5		3	SS		40	↓				
								Refusal at 5.5' due to collapsing gravel		
10										
15										
20										
25										
30										
35										

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. *Sampled (0.5'-2.5') for PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-3

LiRo Engineers, Inc.

BORING NO. PB-4

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE / **TIME** / **LEVEL** / **TYPE**		**DATE STARTED:**	4-16-09
DATE FINISHED:	4-16-09	**DRILLER:**	Jeff Hubert
GEOLOGIST:	Jason Colvin	**REVIEWED BY:**	Steve Frank

	CAS.	SAMPLER	CORE	TUBE
TYPE		SS		
DIA.		2"		
WT.		5H		
FALL				

* POCKET PENETROMETER READING

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION: COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS: PID	REMARKS: moisture
								~5" concrete			
		1	SS		80	Gray/Brown		6" Gravel over Native clay		0ppm	slightly moist
								Refusal at 2'			
5											
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. Sampled (1-2') For PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-4

LiRo Engineers, Inc.

BORING NO. PB-5

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE STARTED:	4-16-09		
DATE FINISHED:	4-16-09		
DRILLER:	Jeff Hubert		
GEOLOGIST:	Jason Colvin		
REVIEWED BY:	Steve Frank		

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								~5" concrete			
		1*	SS		80	Gray Brown		6" Gravel over clay w/ some pebbles		0ppm	slightly moist
								End of Boring at 2.5'			
5											
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. *Sampled (1'-2.5') for PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-5

LiRo Engineers, Inc.

BORING NO. PB-6

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE / **TIME** / **LEVEL** / **TYPE**		**DATE STARTED:**	4-17-09
		DATE FINISHED:	4-17-09
		DRILLER:	Jeff Hubert
		GEOLOGIST:	Jason Colvin
		REVIEWED BY:	Steve Frank

	CAS.	SAMPLER	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

* POCKET PENETROMETER READING

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								~5" Concrete			
		1	SS		75	Grey Brown		6" gravel over clay w/ few pebbles		0ppm	Slightly moist
								End of Boring at 2.5'			
5											
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. *Sampled (1'-2.5') for PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-6

LiRo Engineers, Inc.

BORING NO. PB-7

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE / **TIME** / **LEVEL** / **TYPE**		**DATE STARTED:**	4-17-09
		DATE FINISHED:	4-17-09
		DRILLER:	Jeff Hubert
		GEOLOGIST:	Jason Colvin
		REVIEWED BY:	Steve Frank

	CAS.	SAMPLER	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

* POCKET PENETROMETER READING

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID / moisture
								~5" concrete		
		1	SS		60	Gray		Gravel		0ppm slightly moist
		2	SS		85	Brown		Native clay w/ trace pebbles		
5								Boring Refusal at 4'		
10										
15										
20										
25										
30										
35										

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. Sampled (0.5-2.5) for PCBs

PROJECT NO. : 07-25-306A **BORING NO. :** PB-7

LiRo Engineers, Inc.

BORING NO. PB-8

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE STARTED:	4-17-09		
DATE FINISHED:	4-17-09		
DRILLER:	Jeff Hubert		
GEOLOGIST:	Jason Colvin		
REVIEWED BY:	Steve Frank		

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								~5" concrete			
		1	SS		75	Gray Brown		6" Gravel over native clay		0ppm	Slightly moist
								Boring Refusal at 2'			
5											
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced through concrete slab via 3" core drill. Jackhammer used to drive split spoon sampler to boring completion. Sampled (0.5-2') for VOC, SVOC, metals, PCB

PROJECT NO. : 07-25-306A **BORING NO. :** PB-8

LiRo Engineers, Inc.

BORING NO. PB-9

PROJECT	Spaulding Fibre	**SHEET:**	
CLIENT	ECIDA	**JOB NO:**	07-25-306A
BORING CONTRACTOR	Buffalo Drilling	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE STARTED:	4-17-09		
DATE FINISHED:	4-17-09		
DRILLER:	Jeff Hubert		
GEOLOGIST:	Jason Colvin		
REVIEWED BY:	Steve Frank		

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								Concrete slab			
								Refusal to core drill at 10". Offset 1' North and 2nd Refual at 7.5"			
5											
10											
15											
20											
25											
30											
35											

COMMENTS: Boring advanced via 3" Core Drill to Refusal. No samples collected.

PROJECT NO. : 07-25-306A **BORING NO. :** PB-9

LiRo Engineers, Inc.

A LiRo Group Company

690 Delaware Avenue, Buffalo, New York Telephone 716.882.5476 Facsimile 716.882.9640

ATTACHMENT 2

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

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-1(0.5-2.5)**	**Lab Sample ID:**	**A2382-01**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**18.00**
Result Type:	**Final**	**Datafile:**	**P6025684**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.5	21	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.5	21	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.8	21	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.5	21	1	
12672-29-6	Aroclor-1248	8100	EP	ug/Kg	5.6	21	1	
11097-69-1	Aroclor-1254	4600	E	ug/Kg	5.7	21	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.5	21	1	

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

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-1(0.5-2.5)DL**	**Lab Sample ID:**	**A2382-01DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**18.00**
Result Type:	**Final**	**Datafile:**	**P6025686**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	450	2100	100	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	550	2100	100	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	580	2100	100	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	250	2100	100	DIL
12672-29-6	Aroclor-1248	25000	D	ug/Kg	560	2100	100	DIL
11097-69-1	Aroclor-1254	15000	D	ug/Kg	570	2100	100	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	450	2100	100	DIL

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

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-1(2.5-4.5)**	**Lab Sample ID:**	**A2382-02**
Analysis:	**Cyanide**	**SDG ID:**	**A2382**
Analytical Method:	**9012**	**% Moisture:**	**13.50**
Result Type:	**Final**	**Datafile:**	**lb44004**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
	Cyanide	**ND**	**U**	**mg/Kg**	**0.578**	**0.578**	**1**	

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

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-1(2.5-4.5)**	**Lab Sample ID:**	**A2382-02**
Analysis:	**Mercury**	**SDG ID:**	**A2382**
Analytical Method:	**7471**	**% Moisture:**	**13.50**
Result Type:	**Final**	**Datafile:**	**LB43966**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7439-97-6	Mercury	0.009	J	mg/Kg	0.002	0.012	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	Metals ICP-TAL	**SDG ID:**	A2382
Analytical Method:	6010	**% Moisture:**	13.50
Result Type:	Final	**Datafile:**	LB44017

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7429-90-5	Aluminum	6750		mg/Kg	0.65	7.710	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.43	1.930	1	
7440-38-2	Arsenic	1.620		mg/Kg	0.25	0.77	1	
7440-39-3	Barium	62.7		mg/Kg	0.31	3.850	1	
7440-41-7	Beryllium	0.35		mg/Kg	0.05	0.23	1	
7440-43-9	Cadmium	1.120		mg/Kg	0.05	0.23	1	
7440-70-2	Calcium	59200		mg/Kg	0.82	77.1	1	
7440-47-3	Chromium	10.7		mg/Kg	0.10	0.39	1	
7440-48-4	Cobalt	5.970		mg/Kg	0.44	1.160	1	
7440-50-8	Copper	19.7		mg/Kg	0.25	0.77	1	
7439-89-6	Iron	14200		mg/Kg	1.030	3.850	1	
7439-92-1	Lead	10.4		mg/Kg	0.30	0.46	1	
7439-95-4	Magnesium	19000		mg/Kg	3.530	77.1	1	
7439-96-5	Manganese	501		mg/Kg	0.15	0.77	1	
7440-02-0	Nickel	14.9		mg/Kg	0.35	1.540	1	
7440-09-7	Potassium	1080		mg/Kg	2.700	77.1	1	
7782-49-2	Selenium	1.280		mg/Kg	0.32	0.77	1	
7440-22-4	Silver	ND	U	mg/Kg	0.12	0.39	1	
7440-23-5	Sodium	159		mg/Kg	1.940	77.1	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.21	1.540	1	
7440-62-2	Vanadium	15.3		mg/Kg	0.45	1.540	1	
7440-66-6	Zinc	93.0		mg/Kg	0.54	1.540	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-1(2.5-4.5)**	**Lab Sample ID:**	**A2382-02**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**14.00**
Result Type:	**Final**	**Datafile:**	**P6025687**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.3	20	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.3	20	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.5	20	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	20	1	
12672-29-6	Aroclor-1248	280		ug/Kg	5.3	20	1	
11097-69-1	Aroclor-1254	130		ug/Kg	5.4	20	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	20	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**Datafile:**	BF027506

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	20	380	1	
62-53-3	Aniline	ND	U	ug/Kg	33	380	1	
108-95-2	Phenol	ND	U	ug/Kg	8.8	380	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	18	380	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	20	380	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	21	380	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	16	380	1	
98-86-2	Acetophenone	ND	U	ug/Kg	12	380	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	20	380	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	19	380	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	17	380	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	14	380	1	
78-59-1	Isophorone	ND	U	ug/Kg	13	380	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	18	380	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	22	380	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	22	380	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	15	380	1	
91-20-3	Naphthalene	ND	U	ug/Kg	13	380	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	27	380	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	14	380	1	
105-60-2	Caprolactam	ND	U	ug/Kg	18	380	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	17	380	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.6	380	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	9.3	380	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	12	380	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	27	380	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	14	380	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.7	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	BF027506

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
88-74-4	2-Nitroaniline	ND	U	ug/Kg	17	380	1	
131-11-3	Dimethylphthalate	170	JB	ug/Kg	10	380	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	9.6	380	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	16	380	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	25	380	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	11	380	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	39	380	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	71	380	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	15	380	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	12	380	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	6.0	380	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	21	380	1	
86-73-7	Fluorene	ND	U	ug/Kg	14	380	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	50	380	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	22	380	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	9.2	380	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	7.5	380	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	16	380	1	
1912-24-9	Atrazine	ND	U	ug/Kg	20	380	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	26	380	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	10	380	1	
120-12-7	Anthracene	ND	U	ug/Kg	7.8	380	1	
86-74-8	Carbazole	ND	U	ug/Kg	8.4	380	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	30	380	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	7.7	380	1	
129-00-0	Pyrene	ND	U	ug/Kg	9.2	380	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	18	380	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	25	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	BF027506

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	18	380	1	
218-01-9	Chrysene	ND	U	ug/Kg	17	380	1	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	U	ug/Kg	14	380	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.4	380	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	13	380	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	18	380	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	8.3	380	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	13	380	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	11	380	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	15	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	13.00
Result Type:	Final	**Datafile:**	VI025465

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	3.7	29	1	
74-87-3	Chloromethane	ND	U	ug/Kg	4.9	29	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	7.1	29	1	
74-83-9	Bromomethane	ND	U	ug/Kg	14	29	1	
75-00-3	Chloroethane	ND	U	ug/Kg	8.0	29	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	7.6	29	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	7.6	29	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	8.4	29	1	
67-64-1	Acetone	ND	U	ug/Kg	17	140	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	6.1	29	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	5.5	29	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.7	29	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	8.2	29	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	4.0	29	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.4	29	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.8	29	1	
78-93-3	2-Butanone	ND	U	ug/Kg	18	140	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	5.7	29	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	5.1	29	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.3	29	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	5.1	29	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	6.1	29	1	
71-43-2	Benzene	ND	U	ug/Kg	2.2	29	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	3.7	29	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	4.9	29	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	1.5	29	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.6	29	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	17	140	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-1(2.5-4.5)	**Lab Sample ID:**	A2382-02
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	VI025465

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	3.7	29	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.5	29	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	4.1	29	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	5.2	29	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	23	140	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.1	29	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	3.7	29	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	5.8	29	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	2.9	29	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	3.6	29	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	4.1	57	1	
95-47-6	o-Xylene	ND	U	ug/Kg	3.9	29	1	
100-42-5	Styrene	ND	U	ug/Kg	2.6	29	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.3	29	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	2.8	29	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	2.6	29	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	2.1	29	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	2.4	29	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	3.6	29	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.0	29	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	4.0	29	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-2(0.5-2.5)**	**Lab Sample ID:**	**A2382-03**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**22.00**
Result Type:	**Final**	**Datafile:**	**P6025690**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.8	22	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.8	22	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	6.1	22	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.7	22	1	
12672-29-6	Aroclor-1248	11000	E	ug/Kg	5.9	22	1	
11097-69-1	Aroclor-1254	4900	EP	ug/Kg	6.0	22	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.8	22	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-2(0.5-2.5)DL**	**Lab Sample ID:**	**A2382-03DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**22.00**
Result Type:	**Final**	**Datafile:**	**P6025925**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	960	4300	200	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	1200	4300	200	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	1200	4300	200	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	540	4300	200	DIL
12672-29-6	Aroclor-1248	32000	D	ug/Kg	1200	4300	200	DIL
11097-69-1	Aroclor-1254	9000	D	ug/Kg	1200	4300	200	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	950	4300	200	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-2(4.5-5.5)**	**Lab Sample ID:**	**A2382-04**
Analysis:	**Cyanide**	**SDG ID:**	**A2382**
Analytical Method:	**9012**	**% Moisture:**	**13.10**
Result Type:	**Final**	**Datafile:**	**lb44004**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
	Cyanide	**ND**	**U**	**mg/Kg**	**0.575**	**0.575**	**1**	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	Mercury	**SDG ID:**	A2382
Analytical Method:	7471	**% Moisture:**	13.10
Result Type:	Final	**Datafile:**	LB43966

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7439-97-6	Mercury	ND	U	mg/Kg	0.002	0.012	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	Metals ICP-TAL	**SDG ID:**	A2382
Analytical Method:	6010	**% Moisture:**	13.10
Result Type:	Final	**Datafile:**	LB44017

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7429-90-5	Aluminum	20200		mg/Kg	0.64	7.670	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.43	1.920	1	
7440-38-2	Arsenic	ND	U	mg/Kg	0.25	0.77	1	
7440-39-3	Barium	149		mg/Kg	0.31	3.840	1	
7440-41-7	Beryllium	3.330		mg/Kg	0.05	0.23	1	
7440-43-9	Cadmium	0.50		mg/Kg	0.05	0.23	1	
7440-70-2	Calcium	99300		mg/Kg	0.82	76.7	1	
7440-47-3	Chromium	13.5		mg/Kg	0.10	0.38	1	
7440-48-4	Cobalt	ND	U	mg/Kg	0.44	1.150	1	
7440-50-8	Copper	10.8		mg/Kg	0.25	0.77	1	
7439-89-6	Iron	5210		mg/Kg	1.020	3.840	1	
7439-92-1	Lead	14.8		mg/Kg	0.30	0.46	1	
7439-95-4	Magnesium	17300		mg/Kg	3.510	76.7	1	
7439-96-5	Manganese	1970		mg/Kg	0.15	0.77	1	
7440-02-0	Nickel	3.210		mg/Kg	0.35	1.530	1	
7440-09-7	Potassium	1350		mg/Kg	2.690	76.7	1	
7782-49-2	Selenium	0.68	J	mg/Kg	0.31	0.77	1	
7440-22-4	Silver	ND	U	mg/Kg	0.12	0.38	1	
7440-23-5	Sodium	895		mg/Kg	1.930	76.7	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.21	1.530	1	
7440-62-2	Vanadium	3.240		mg/Kg	0.45	1.530	1	
7440-66-6	Zinc	33.3		mg/Kg	0.54	1.530	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	PCB	**SDG ID:**	A2382
Analytical Method:	8082	**% Moisture:**	13.00
Result Type:	Final	**Datafile:**	P6025693

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.3	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.2	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.5	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	19	1	
12672-29-6	Aroclor-1248	28000	E	ug/Kg	5.3	19	1	
11097-69-1	Aroclor-1254	10000	E	ug/Kg	5.4	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	19	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**Datafile:**	BF027520

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	20	380	1	
62-53-3	Aniline	ND	U	ug/Kg	33	380	1	
108-95-2	Phenol	ND	U	ug/Kg	8.8	380	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	18	380	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	20	380	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	21	380	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	16	380	1	
98-86-2	Acetophenone	ND	U	ug/Kg	12	380	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	20	380	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	19	380	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	17	380	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	14	380	1	
78-59-1	Isophorone	ND	U	ug/Kg	13	380	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	18	380	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	22	380	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	22	380	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	15	380	1	
91-20-3	Naphthalene	ND	U	ug/Kg	13	380	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	27	380	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	14	380	1	
105-60-2	Caprolactam	ND	U	ug/Kg	18	380	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	17	380	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.6	380	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	9.3	380	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	12	380	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	27	380	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	14	380	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.7	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	BF027520

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
88-74-4	2-Nitroaniline	ND	U	ug/Kg	17	380	1	
131-11-3	Dimethylphthalate	180	JB	ug/Kg	10	380	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	9.6	380	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	16	380	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	25	380	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	11	380	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	39	380	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	71	380	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	15	380	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	12	380	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	6.0	380	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	21	380	1	
86-73-7	Fluorene	ND	U	ug/Kg	14	380	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	50	380	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	22	380	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	9.2	380	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	7.5	380	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	16	380	1	
1912-24-9	Atrazine	ND	U	ug/Kg	20	380	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	26	380	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	10	380	1	
120-12-7	Anthracene	ND	U	ug/Kg	7.8	380	1	
86-74-8	Carbazole	ND	U	ug/Kg	8.4	380	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	30	380	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	7.7	380	1	
129-00-0	Pyrene	ND	U	ug/Kg	9.2	380	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	18	380	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	25	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	BF027520

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	18	380	1	
218-01-9	Chrysene	ND	U	ug/Kg	17	380	1	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	U	ug/Kg	14	380	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.4	380	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	13	380	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	18	380	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	8.3	380	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	13	380	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	11	380	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	15	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	13.00
Result Type:	Final	**Datafile:**	VI025467

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	3.7	29	1	
74-87-3	Chloromethane	ND	U	ug/Kg	4.9	29	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	7.1	29	1	
74-83-9	Bromomethane	ND	U	ug/Kg	14	29	1	
75-00-3	Chloroethane	ND	U	ug/Kg	8.0	29	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	7.6	29	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	7.6	29	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	8.4	29	1	
67-64-1	Acetone	ND	U	ug/Kg	17	140	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	6.1	29	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	5.5	29	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.7	29	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	8.2	29	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	4.0	29	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.4	29	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.8	29	1	
78-93-3	2-Butanone	ND	U	ug/Kg	18	140	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	5.7	29	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	5.1	29	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.3	29	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	5.1	29	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	6.1	29	1	
71-43-2	Benzene	ND	U	ug/Kg	2.2	29	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	3.7	29	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	4.9	29	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	1.5	29	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.6	29	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	17	140	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-2(4.5-5.5)	**Lab Sample ID:**	A2382-04
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	13.00
Result Type:	Final	**DataFile:**	VI025467

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	3.7	29	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.5	29	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	4.1	29	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	5.2	29	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	23	140	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.1	29	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	3.7	29	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	5.8	29	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	2.9	29	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	3.6	29	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	4.1	57	1	
95-47-6	o-Xylene	ND	U	ug/Kg	3.9	29	1	
100-42-5	Styrene	ND	U	ug/Kg	2.6	29	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.3	29	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	2.8	29	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	2.6	29	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	2.1	29	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	2.4	29	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	3.6	29	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.0	29	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	4.0	29	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-2(4.5-5.5)DL**	**Lab Sample ID:**	**A2382-04DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**13.00**
Result Type:	**Final**	**Datafile:**	**P6025951**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	4300	19000	1000	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	5200	19000	1000	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	5500	19000	1000	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	2400	19000	1000	DIL
12672-29-6	Aroclor-1248	370000	D	ug/Kg	5300	19000	1000	DIL
11097-69-1	Aroclor-1254	130000	D	ug/Kg	5400	19000	1000	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	4300	19000	1000	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-3(0.5-2.5)**	**Lab Sample ID:**	**A2382-05**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**18.00**
Result Type:	**Final**	**Datafile:**	**P6025696**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.5	21	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.5	21	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.8	21	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.5	21	1	
12672-29-6	Aroclor-1248	33000	E	ug/Kg	5.6	21	1	
11097-69-1	Aroclor-1254	13000	E	ug/Kg	5.7	21	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.5	21	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-3(0.5-2.5)DL**	**Lab Sample ID:**	**A2382-05DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**18.00**
Result Type:	**Final**	**Datafile:**	**P6025952**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	4500	21000	1000	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	5500	21000	1000	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	5800	21000	1000	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	2500	21000	1000	DIL
12672-29-6	Aroclor-1248	290000	D	ug/Kg	5600	21000	1000	DIL
11097-69-1	Aroclor-1254	110000	D	ug/Kg	5700	21000	1000	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	4500	21000	1000	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-4(1-2)**	**Lab Sample ID:**	**A2382-06**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**15.00**
Result Type:	**Final**	**Datafile:**	**P6025703**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.4	20	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.4	20	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.6	20	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.5	20	1	
12672-29-6	Aroclor-1248	3400	EP	ug/Kg	5.4	20	1	
11097-69-1	Aroclor-1254	1400	E	ug/Kg	5.5	20	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.4	20	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/16/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-4(1-2)DL**	**Lab Sample ID:**	**A2382-06DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**15.00**
Result Type:	**Final**	**Datafile:**	**P6025705**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	440	2000	100	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	540	2000	100	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	560	2000	100	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	250	2000	100	DIL
12672-29-6	Aroclor-1248	13000	D	ug/Kg	540	2000	100	DIL
11097-69-1	Aroclor-1254	5500	D	ug/Kg	550	2000	100	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	440	2000	100	DIL

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/16/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-5(1-2.5)	**Lab Sample ID:**	A2382-07
Analysis:	PCB	**SDG ID:**	A2382
Analytical Method:	8082	**% Moisture:**	12.00
Result Type:	Final	**Datafile:**	P6025706

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.2	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.2	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.4	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	19	1	
12672-29-6	Aroclor-1248	160		ug/Kg	5.2	19	1	
11097-69-1	Aroclor-1254	56		ug/Kg	5.3	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.2	19	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-6(1-2.5)**	**Lab Sample ID:**	**A2382-08**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**13.00**
Result Type:	**Final**	**Datafile:**	**P6025922**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.3	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.2	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.5	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	19	1	
12672-29-6	Aroclor-1248	170		ug/Kg	5.3	19	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	5.3	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	19	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-7(0.5-2.5)**	**Lab Sample ID:**	**A2382-09**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**13.00**
Result Type:	**Final**	**Datafile:**	**P6025923**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.3	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.2	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.5	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	19	1	
12672-29-6	Aroclor-1248	37		ug/Kg	5.3	19	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	5.3	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	19	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-8(0.5-2)**	**Lab Sample ID:**	**A2382-10**
Analysis:	**Cyanide**	**SDG ID:**	**A2382**
Analytical Method:	**9012**	**% Moisture:**	**13.80**
Result Type:	**Final**	**Datafile:**	**lb44004**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
	Cyanide	**ND**	**U**	**mg/Kg**	**0.580**	**0.580**	**1**	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-8(0.5-2)**	**Lab Sample ID:**	**A2382-10**
Analysis:	**Mercury**	**SDG ID:**	**A2382**
Analytical Method:	**7471**	**% Moisture:**	**13.80**
Result Type:	**Final**	**Datafile:**	**LB43966**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7439-97-6	**Mercury**	**ND**	**U**	**mg/Kg**	**0.002**	**0.012**	**1**	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	Metals ICP-TAL	**SDG ID:**	A2382
Analytical Method:	6010	**% Moisture:**	13.80
Result Type:	Final	**Datafile:**	LB44017

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7429-90-5	Aluminum	6370		mg/Kg	0.65	7.730	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.43	1.930	1	
7440-38-2	Arsenic	0.94		mg/Kg	0.26	0.77	1	
7440-39-3	Barium	66.2		mg/Kg	0.31	3.870	1	
7440-41-7	Beryllium	0.32		mg/Kg	0.05	0.23	1	
7440-43-9	Cadmium	1.010		mg/Kg	0.05	0.23	1	
7440-70-2	Calcium	64800		mg/Kg	0.83	77.3	1	
7440-47-3	Chromium	9.210		mg/Kg	0.10	0.39	1	
7440-48-4	Cobalt	5.470		mg/Kg	0.44	1.160	1	
7440-50-8	Copper	17.1		mg/Kg	0.25	0.77	1	
7439-89-6	Iron	12900		mg/Kg	1.030	3.870	1	
7439-92-1	Lead	9.920		mg/Kg	0.30	0.46	1	
7439-95-4	Magnesium	19400		mg/Kg	3.540	77.3	1	
7439-96-5	Manganese	477		mg/Kg	0.15	0.77	1	
7440-02-0	Nickel	13.2		mg/Kg	0.36	1.550	1	
7440-09-7	Potassium	1140		mg/Kg	2.710	77.3	1	
7782-49-2	Selenium	1.010		mg/Kg	0.32	0.77	1	
7440-22-4	Silver	ND	U	mg/Kg	0.12	0.39	1	
7440-23-5	Sodium	169		mg/Kg	1.950	77.3	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.21	1.550	1	
7440-62-2	Vanadium	14.5		mg/Kg	0.46	1.550	1	
7440-66-6	Zinc	72.3		mg/Kg	0.54	1.550	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	PCB	**SDG ID:**	A2382
Analytical Method:	8082	**% Moisture:**	14.00
Result Type:	Final	**Datafile:**	P6025719

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	4.3	20	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	5.3	20	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.5	20	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.4	20	1	
12672-29-6	Aroclor-1248	720	E	ug/Kg	5.3	20	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	5.4	20	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	20	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	14.00
Result Type:	Final	**Datafile:**	BF027519

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	20	380	1	
62-53-3	Aniline	ND	U	ug/Kg	33	380	1	
108-95-2	Phenol	95	J	ug/Kg	8.9	380	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	19	380	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	20	380	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	21	380	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	16	380	1	
98-86-2	Acetophenone	ND	U	ug/Kg	12	380	1	
65794-96-9	3+4-Methylphenols	50	J	ug/Kg	20	380	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	19	380	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	17	380	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	15	380	1	
78-59-1	Isophorone	ND	U	ug/Kg	13	380	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	19	380	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	22	380	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	22	380	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	15	380	1	
91-20-3	Naphthalene	ND	U	ug/Kg	13	380	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	27	380	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	14	380	1	
105-60-2	Caprolactam	ND	U	ug/Kg	18	380	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	17	380	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.7	380	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	9.4	380	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	12	380	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	27	380	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	15	380	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.8	380	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-8(0.5-2)**	**Lab Sample ID:**	**A2382-10**
Analysis:	**SVOCMS Group1**	**SDG ID:**	**A2382**
Analytical Method:	**8270**	**% Moisture:**	**14.00**
Result Type:	**Final**	**DataFile:**	**BF027519**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
88-74-4	2-Nitroaniline	ND	U	ug/Kg	17	380	1	
131-11-3	Dimethylphthalate	210	JB	ug/Kg	10	380	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	9.7	380	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	16	380	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	25	380	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	11	380	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	39	380	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	72	380	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	15	380	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	12	380	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	6.0	380	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	21	380	1	
86-73-7	Fluorene	ND	U	ug/Kg	15	380	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	50	380	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	22	380	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	9.3	380	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	7.5	380	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	16	380	1	
1912-24-9	Atrazine	ND	U	ug/Kg	20	380	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	26	380	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	10	380	1	
120-12-7	Anthracene	ND	U	ug/Kg	7.9	380	1	
86-74-8	Carbazole	ND	U	ug/Kg	8.5	380	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	30	380	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	7.8	380	1	
129-00-0	Pyrene	ND	U	ug/Kg	9.3	380	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	19	380	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	25	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	14.00
Result Type:	Final	**DataFile:**	BF027519

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	18	380	1	
218-01-9	Chrysene	ND	U	ug/Kg	17	380	1	
117-81-7	bis(2-Ethylhexyl)phthalate	400		ug/Kg	14	380	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.4	380	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	13	380	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	18	380	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	8.3	380	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	13	380	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	11	380	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	16	380	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	14.00
Result Type:	Final	**Datafile:**	VI025466

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	3.8	29	1	
74-87-3	Chloromethane	ND	U	ug/Kg	5.0	29	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	7.2	29	1	
74-83-9	Bromomethane	ND	U	ug/Kg	14	29	1	
75-00-3	Chloroethane	ND	U	ug/Kg	8.1	29	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	7.7	29	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	7.7	29	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	8.5	29	1	
67-64-1	Acetone	ND	U	ug/Kg	18	150	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	6.2	29	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	5.6	29	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.8	29	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	8.3	29	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	4.0	29	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.5	29	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.9	29	1	
78-93-3	2-Butanone	ND	U	ug/Kg	18	150	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	5.8	29	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	5.2	29	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.3	29	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	5.1	29	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	6.2	29	1	
71-43-2	Benzene	ND	U	ug/Kg	2.2	29	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	3.7	29	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	5.0	29	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	1.5	29	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.6	29	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	17	150	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Waste Char.- Spaulding Fibre	**Date Received:**	04/18/09
Client Sample No.:	PB-8(0.5-2)	**Lab Sample ID:**	A2382-10
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	14.00
Result Type:	Final	**DataFile:**	VI025466

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	3.7	29	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.6	29	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	4.2	29	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	5.2	29	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	23	150	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.1	29	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	3.7	29	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	5.9	29	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	2.9	29	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	3.6	29	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	4.2	58	1	
95-47-6	o-Xylene	ND	U	ug/Kg	4.0	29	1	
100-42-5	Styrene	ND	U	ug/Kg	2.6	29	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.3	29	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	2.8	29	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	2.7	29	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	2.2	29	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	2.4	29	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	3.6	29	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.1	29	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	4.1	29	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**PB-8(0.5-2)DL**	**Lab Sample ID:**	**A2382-10DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**14.00**
Result Type:	**Final**	**Datafile:**	**P6025720**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	43	200	10	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	53	200	10	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	55	200	10	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	24	200	10	DIL
12672-29-6	Aroclor-1248	1000	D	ug/Kg	53	200	10	DIL
11097-69-1	Aroclor-1254	ND	UD	ug/Kg	54	200	10	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	43	200	10	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**DS-1**	**Lab Sample ID:**	**A2382-11**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**0.00**
Result Type:	**Final**	**Datafile:**	**P6025722**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.7	17	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.5	17	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	4.8	17	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.1	17	1	
12672-29-6	Aroclor-1248	6900	EP	ug/Kg	4.6	17	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	4.7	17	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	3.7	17	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**DS-1DL**	**Lab Sample ID:**	**A2382-11DL**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**0.00**
Result Type:	**Final**	**Datafile:**	**P6025928**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	370	1700	100	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	450	1700	100	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	480	1700	100	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	210	1700	100	DIL
12672-29-6	Aroclor-1248	20000	D	ug/Kg	460	1700	100	DIL
11097-69-1	Aroclor-1254	ND	UD	ug/Kg	470	1700	100	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	370	1700	100	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**FIELDBLANK**	**Lab Sample ID:**	**A2382-13**
Analysis:	**Cyanide**	**SDG ID:**	**A2382**
Analytical Method:	**9012**	**% Moisture:**	**100.00**
Result Type:	**Final**	**Datafile:**	**lb44005**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
	Cyanide	**ND**	**U**	**mg/L**	**0.010**	**0.010**	**1**	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**FIELDBLANK**	**Lab Sample ID:**	**A2382-13**
Analysis:	**Mercury**	**SDG ID:**	**A2382**
Analytical Method:	**7470**	**% Moisture:**	**100.00**
Result Type:	**Final**	**Datafile:**	**LB44054**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7439-97-6	**Mercury**	**ND**	**U**	**ug/L**	**0.09**	**0.20**	**1**	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	FIELDBLANK	**Lab Sample ID:**	A2382-13
Analysis:	Metals ICP-TAL	**SDG ID:**	A2382
Analytical Method:	6010	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	LB44017

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
7429-90-5	Aluminum	ND	U	ug/L	6.500	100	1	
7440-36-0	Antimony	ND	U	ug/L	8.000	25.0	1	
7440-38-2	Arsenic	ND	U	ug/L	4.200	10.0	1	
7440-39-3	Barium	ND	U	ug/L	4.000	50.0	1	
7440-41-7	Beryllium	ND	U	ug/L	0.70	3.000	1	
7440-43-9	Cadmium	ND	U	ug/L	0.50	3.000	1	
7440-70-2	Calcium	ND	U	ug/L	31.8	1000	1	
7440-47-3	Chromium	ND	U	ug/L	1.100	5.000	1	
7440-48-4	Cobalt	ND	U	ug/L	5.800	15.0	1	
7440-50-8	Copper	ND	U	ug/L	6.600	10.0	1	
7439-89-6	Iron	ND	U	ug/L	2.600	50.0	1	
7439-92-1	Lead	ND	U	ug/L	2.600	6.000	1	
7439-95-4	Magnesium	ND	U	ug/L	32.5	1000	1	
7439-96-5	Manganese	ND	U	ug/L	1.700	10.0	1	
7440-02-0	Nickel	ND	U	ug/L	4.200	20.0	1	
7440-09-7	Potassium	ND	U	ug/L	38.8	1000	1	
7782-49-2	Selenium	ND	U	ug/L	4.800	10.0	1	
7440-22-4	Silver	ND	U	ug/L	1.500	5.000	1	
7440-23-5	Sodium	ND	U	ug/L	13.9	1000	1	
7440-28-0	Thallium	ND	U	ug/L	2.400	20.0	1	
7440-62-2	Vanadium	ND	U	ug/L	6.100	20.0	1	
7440-66-6	Zinc	ND	U	ug/L	6.500	20.0	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**FIELDBLANK**	**Lab Sample ID:**	**A2382-13**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**100.00**
Result Type:	**Final**	**Datafile:**	**P6025955**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/L	0.148	0.52	1	
11104-28-2	Aroclor-1221	ND	U	ug/L	0.118	0.52	1	
11141-16-5	Aroclor-1232	ND	U	ug/L	0.120	0.52	1	
53469-21-9	Aroclor-1242	ND	U	ug/L	0.076	0.52	1	
12672-29-6	Aroclor-1248	ND	U	ug/L	0.105	0.52	1	
11097-69-1	Aroclor-1254	ND	U	ug/L	0.145	0.52	1	
11096-82-5	Aroclor-1260	ND	U	ug/L	0.0930	0.52	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	FIELDBLANK	**Lab Sample ID:**	A2382-13
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	BF027512

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/L	0.840	11	1	
62-53-3	Aniline	ND	U	ug/L	3.7	11	1	
108-95-2	Phenol	ND	U	ug/L	0.230	11	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/L	0.600	11	1	
95-57-8	2-Chlorophenol	ND	U	ug/L	0.590	11	1	
95-48-7	2-Methylphenol	ND	U	ug/L	0.260	11	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/L	0.180	11	1	
98-86-2	Acetophenone	ND	U	ug/L	0.150	11	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/L	0.410	11	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/L	0.220	11	1	
67-72-1	Hexachloroethane	ND	U	ug/L	0.270	11	1	
98-95-3	Nitrobenzene	ND	U	ug/L	0.740	11	1	
78-59-1	Isophorone	ND	U	ug/L	0.330	11	1	
88-75-5	2-Nitrophenol	ND	U	ug/L	0.570	11	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/L	0.770	11	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/L	0.600	11	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/L	0.720	11	1	
91-20-3	Naphthalene	ND	U	ug/L	0.130	11	1	
106-47-8	4-Chloroaniline	ND	U	ug/L	3.1	11	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/L	0.270	11	1	
105-60-2	Caprolactam	ND	U	ug/L	4.8	33	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/L	0.430	11	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/L	0.350	11	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/L	0.260	11	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/L	0.610	11	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/L	0.430	11	1	
92-52-4	1,1-Biphenyl	ND	U	ug/L	0.160	11	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/L	0.170	11	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**FIELDBLANK**	**Lab Sample ID:**	**A2382-13**
Analysis:	**SVOCMS Group1**	**SDG ID:**	**A2382**
Analytical Method:	**8270**	**% Moisture:**	**100.00**
Result Type:	**Final**	**DataFile:**	**BF027512**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
88-74-4	2-Nitroaniline	ND	U	ug/L	0.530	11	1	
131-11-3	Dimethylphthalate	ND	U	ug/L	0.240	11	1	
208-96-8	Acenaphthylene	ND	U	ug/L	0.760	11	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/L	0.350	11	1	
99-09-2	3-Nitroaniline	ND	U	ug/L	1.2	11	1	
83-32-9	Acenaphthene	ND	U	ug/L	0.230	11	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/L	2.3	11	1	
100-02-7	4-Nitrophenol	ND	U	ug/L	13	33	1	
132-64-9	Dibenzofuran	ND	U	ug/L	0.260	11	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/L	1.1	11	1	
84-66-2	Diethylphthalate	ND	U	ug/L	0.410	11	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/L	0.230	11	1	
86-73-7	Fluorene	ND	U	ug/L	0.340	11	1	
100-01-6	4-Nitroaniline	ND	U	ug/L	1.5	11	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/L	0.800	11	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/L	0.650	11	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/L	0.250	11	1	
118-74-1	Hexachlorobenzene	ND	U	ug/L	0.200	11	1	
1912-24-9	Atrazine	ND	U	ug/L	0.430	11	1	
87-86-5	Pentachlorophenol	ND	U	ug/L	1.9	11	1	
85-01-8	Phenanthrene	ND	U	ug/L	0.280	11	1	
120-12-7	Anthracene	ND	U	ug/L	0.170	11	1	
86-74-8	Carbazole	ND	U	ug/L	0.240	11	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/L	2.6	22	1	
206-44-0	Fluoranthene	ND	U	ug/L	0.430	11	1	
129-00-0	Pyrene	ND	U	ug/L	0.220	11	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/L	0.210	11	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/L	7.5	11	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	FIELDBLANK	**Lab Sample ID:**	A2382-13
Analysis:	SVOCMS Group1	**SDG ID:**	A2382
Analytical Method:	8270	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	BF027512

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
56-55-3	Benzo(a)anthracene	ND	U	ug/L	0.170	11	1	
218-01-9	Chrysene	ND	U	ug/L	0.200	11	1	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	U	ug/L	0.170	11	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/L	0.550	11	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/L	0.320	11	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/L	0.200	11	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/L	0.150	11	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/L	0.160	11	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/L	0.460	11	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/L	0.320	11	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	FIELDBLANK	**Lab Sample ID:**	A2382-13
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VG018384

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.55	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.54	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.34	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	0.62	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.66	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.35	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.45	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.47	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.8	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.54	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.35	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.83	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.41	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.41	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.36	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.55	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.3	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.62	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.35	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.34	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.40	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.68	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.32	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.48	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.28	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.36	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	2.1	25	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	FIELDBLANK	**Lab Sample ID:**	A2382-13
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VG018384

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.37	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.38	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.9	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.52	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.41	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.27	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.49	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.53	5.0	1	
179601-23-1	m/p-Xylenes	ND	U	ug/L	0.95	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.43	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.36	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.47	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.45	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.31	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.43	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.32	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.45	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.46	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.62	5.0	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	TRIPBLANK	**Lab Sample ID:**	A2382-14
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VG018385

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.55	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.54	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.34	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	0.62	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.66	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.35	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.45	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.47	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.8	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.54	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.35	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.83	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.41	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.41	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.36	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.55	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.3	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.62	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.35	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.34	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.40	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.68	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.32	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.48	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.28	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.36	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	2.1	25	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	**Date Collected:**	04/17/09
Project ID:	Spaulding ERP	**Date Received:**	04/18/09
Client Sample No.:	TRIPBLANK	**Lab Sample ID:**	A2382-14
Analysis:	VOC-TCLVOA-10	**SDG ID:**	A2382
Analytical Method:	8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VG018385

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.37	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.38	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.9	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.52	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.41	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.27	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.49	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.53	5.0	1	
179601-23-1	m/p-Xylenes	ND	U	ug/L	0.95	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.43	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.36	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.47	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.45	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.31	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.43	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.32	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.45	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.46	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.62	5.0	1	

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Report of Analysis

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
P = Indicates target analyte when there is >25% difference for detected concentrations between the two GC columns.

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound
ND = Not Detected
* = Duplicate analysis not within control limits

Project #: A2382
5/7/2009 12:53:40 PM
End of Report

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/10/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/14/09**
Client Sample No.:	**S1**	**Lab Sample ID:**	**A2309-03**
Analysis:	**PCB**	**SDG ID:**	**A2309**
Analytical Method:	**8082**	**% Moisture:**	**44.00**
Result Type:	**Final**	**Datafile:**	**P6025149**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	6.7	30	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	8.1	30	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	8.5	30	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	3.7	30	1	
12672-29-6	Aroclor-1248	8800	E	ug/Kg	8.2	30	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	8.3	30	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	6.6	30	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/10/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/14/09**
Client Sample No.:	**S1DL**	**Lab Sample ID:**	**A2309-03DL**
Analysis:	**PCB**	**SDG ID:**	**A2309**
Analytical Method:	**8082**	**% Moisture:**	**44.00**
Result Type:	**Final**	**Datafile:**	**P6025223**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	670	3000	100	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	810	3000	100	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	850	3000	100	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	370	3000	100	DIL
12672-29-6	Aroclor-1248	29000	D	ug/Kg	820	3000	100	DIL
11097-69-1	Aroclor-1254	ND	UD	ug/Kg	830	3000	100	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	660	3000	100	DIL

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/10/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/14/09**
Client Sample No.:	**S2**	**Lab Sample ID:**	**A2309-04**
Analysis:	**PCB**	**SDG ID:**	**A2309**
Analytical Method:	**8082**	**% Moisture:**	**51.00**
Result Type:	**Final**	**Datafile:**	**P6025150**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	7.6	34	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	9.3	34	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	9.7	34	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	4.3	34	1	
12672-29-6	Aroclor-1248	17000	E	ug/Kg	9.3	34	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	9.5	34	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	7.6	34	1	

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/10/09**
Project ID:	**Waste Char.- Spaulding Fibre**	**Date Received:**	**04/14/09**
Client Sample No.:	**S2DL**	**Lab Sample ID:**	**A2309-04DL**
Analysis:	**PCB**	**SDG ID:**	**A2309**
Analytical Method:	**8082**	**% Moisture:**	**51.00**
Result Type:	**Final**	**Datafile:**	**P6025224**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	1500	6900	200	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	1900	6900	200	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	1900	6900	200	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	850	6900	200	DIL
12672-29-6	Aroclor-1248	72000	D	ug/Kg	1900	6900	200	DIL
11097-69-1	Aroclor-1254	ND	UD	ug/Kg	1900	6900	200	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	1500	6900	200	DIL

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Report of Analysis

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E = Value Exceeds Calibration Range
P = Indicates target analyte when there is >25% difference for detected concentrations between the two GC columns.

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B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound
ND = Not Detected
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Project #: A2309
5/7/2009 1:32:23 PM
End of Report

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Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**04/17/09**
Project ID:	**Spaulding ERP**	**Date Received:**	**04/18/09**
Client Sample No.:	**DS-1**	**Lab Sample ID:**	**A2382-11**
Analysis:	**PCB**	**SDG ID:**	**A2382**
Analytical Method:	**8082**	**% Moisture:**	**0.00**
Result Type:	**Final**	**Datafile:**	**P6025722**

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.7	17	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.5	17	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	4.8	17	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	2.1	17	1	
12672-29-6	Aroclor-1248	6900	EP	ug/Kg	4.6	17	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	4.7	17	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	3.7	17	1	

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Report of Analysis

Client:	LIRO GROUP LTD.	Date Collected:	04/17/09
Project ID:	Spaulding ERP	Date Received:	04/18/09
Client Sample No.:	DS-1DL	Lab Sample ID:	A2382-11DL
Analysis:	PCB	SDG ID:	A2382
Analytical Method:	8082	% Moisture:	0.00
Result Type:	Final	Datafile:	P6025928

CAS Number	Parameter	Results	Qualifier	Units	DL	RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	UD	ug/Kg	370	1700	100	DIL
11104-28-2	Aroclor-1221	ND	UD	ug/Kg	450	1700	100	DIL
11141-16-5	Aroclor-1232	ND	UD	ug/Kg	480	1700	100	DIL
53469-21-9	Aroclor-1242	ND	UD	ug/Kg	210	1700	100	DIL
12672-29-6	Aroclor-1248	20000	D	ug/Kg	460	1700	100	DIL
11097-69-1	Aroclor-1254	ND	UD	ug/Kg	470	1700	100	DIL
11096-82-5	Aroclor-1260	ND	UD	ug/Kg	370	1700	100	DIL

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Report of Analysis

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ND = Not Detected
* = Duplicate analysis not within control limits

Project #: A2382
5/15/2009 1:12:07 PM
End of Report

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 078853

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LiRo Engineers
ADDRESS: 690 Delaware Ave
CITY: Buffalo STATE: NY ZIP: 14209
ATTENTION: Jason Colvin
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Spalding Fibre ERP
PROJECT NO.: 0775306A LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☑ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☑ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 PCBs 2 TCL VOCs 3 TCL SVOCs 4 TAL Metals + Cyanide 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	PB-1 (0.5'-2.5')	SOIL		X	4/16		1	X									
2.	PB-1 (2.5'-4.5')			X			2	X	X	X	X						
3.	PB-2 (0.5'-2.5')			X			1	X									
4.	PB-2 (4.5'-5.5')			X			2	X	X	X	X						
5.	PB-3 (0.5'-2.5')			X			1	X									
6.	PB-4 (1'-2')			X			1	X									
7.	PB-5 ~~(0.5'-2.5')~~ (1'-2.5')			X			1	X									
8.	PB-6 (1'-2.5')			X	4/17		1	X									
9.	PB-7 (0.5'-2.5')			X			1	X									
10.	PB-8 (0.5'-2')			X			2	X	X	X	X						

← Specify Preservatives
A – HCl B – HNO_3 C – H_2SO_4 D – NaOH E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jason Colvin	4-17/1600	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. _____
Ice in Cooler?: _____

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 078874

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: LiRo Engineers
ADDRESS: 1690 Delaware Ave
CITY: Buffalo STATE: NY ZIP: 14209
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Spaulding Fibre ERP
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 PCBs; 2 TCL VOCs; 3 TCL SVOCs; 4 TAL metals + Cyanide; 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	DS-1	SLUDGE		X	4/17		1	X									Drain SE
2.	OIL-1	OIL		X	4/17		1	X									Area 4
3.	Field Blank	H_2O			4/17		6	X	X	X	X						
4.	Trip Blank	H_2O			4/17		2		X								
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Shawn Colvin	4-17 / 1600	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. _____
Ice in Cooler?: _____

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY