

APPENDIX B



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 25, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120524-6

Client Project # 2727-001A

Analyses of Arsenic in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Arsenic (mg/kg)
Method Blank	5/25/12	nd
L2B-6-24	5/25/12	7.6
L2B-7-24	5/25/12	6.2
L2A-6-24	5/25/12	nd
L2A-7-24	5/25/12	nd
L2A-8-24	5/25/12	nd
L2A-9-24	5/25/12	nd
L2A-10-24	5/25/12	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120524-6

Client Project # 2727-001A

QA/QC for Arsenic in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Arsenic (% Recovery)
LCS	5/25/12	96%
L120518-5 MS	5/25/12	105%
L120518-5 MSD	5/25/12	109%
RPD	5/25/12	4%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT
Robinson Noble
Tacoma, Washington
Libby Project # L120524-6
Client Project # 2727-001A

Analyses of Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	5/24/12	nd
L2B-6-24	5/24/12	91.8
L2B-7-24	5/24/12	5.6
L2A-6-24	5/24/12	7.7
L2A-7-24	5/24/12	nd
L2A-8-24	5/24/12	nd
L2A-9-24	5/24/12	nd
L2A-10-24	5/24/12	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

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Olympia, WA 98506
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HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120524-6

Client Project # 2727-001A

QA/QC for Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (% Recovery)
LCS	5/24/12	100%
L120518-5 MS	5/24/12	int
L120518-5 MSD	5/24/12	int
RPD	5/24/12	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-24-2012

Page: 1 of 2

Client: Robinson Noble

Project Manager: JFH

Address: 3011 South Huson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic remediation

Phone: 253-475-7711

Fax:

Location: Tacoma WA

Client Project # 2727-001A

Collector: ACT

Date of Collection: 5-24-2012

Sample Number	Depth	Time	Sample Type	Container Type															Field Note/# Containers	
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	As, Pb					
1 L2B-6-24	24"	15:18	soil	402													X			
2 L2B-7-24	24"	15:21															X			
3 L2A-6-24	24"	15:52															X			
4 L2A-7-24	24"	15:55															X			
5 L2A-8-24	24"	15:58															X			
6 L2A-9-24	24"	16:04															X			
7 L2A-10-24	24"	16:09	↓	↓													X			
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				

Relinquished by: Adam Young Date / Time: 5-24-12 1650

Received by: Egy Date / Time: 5-24-12 1655

Sample Receipt:

Remarks:

Relinquished by:

Received by:

Good Condition?

Cold?

Relinquished by:

Received by:

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 28, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

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Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120527-1

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/28/12	nd	nd
L2B-10-24	5/28/12	nd	nd
L2B-9-24	5/28/12	nd	nd
L2B-8-24	5/28/12	nd	nd
L2B-1-24	5/28/12	44.2	8.4
L2B-2-24	5/28/12	917	189
L2B-3-24	5/28/12	219	25.4
L2B-4-24	5/28/12	nd	nd
L2B-5-24	5/28/12	nd	5.0
L2A-1-24	5/28/12	63.6	7.4
L2A-2-24	5/28/12	nd	7.2
L2A-3-24	5/28/12	nd	5.0
L2A-4-24	5/28/12	nd	11.2
L2A-5-24	5/28/12	nd	8.7
L2A-4-24-1	5/28/12	nd	10.0
L2A-4-24-2	5/28/12	nd	10.0
L2A-4-18-3	5/28/12	nd	9.8
L2A-5-24-1	5/28/12	nd	6.4
L2A-5-18-2	5/28/12	nd	9.6
L2A-5-24-3	5/28/12	nd	8.5
L2A-5-24-3 Dup	5/28/12	nd	8.4
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

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HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120527-1

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/28/12	107%	102%
L2A-5-24-3 MS	5/28/12	int	int
L2A-5-24-3 MSD	5/28/12	int	int
RPD	5/28/12	int	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-27-12

Page: 1 of 2

Client: Robinson Noble (Please Bill Joe Boss)

Project Manager: JFH

Address: 3011 South Hanson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax:

Location: Tacoma WA

Client Project # 2727-001A

Collector: ALY Date of Collection: 5-25-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals	As, Pb	Field Note/# Containers
1 L2B-10-24	24"	1527	soil	40Z									X			
2 L2B-9-24	24"	1533											X			
3 L2B-8-24	24"	1545											X			
4 L2B-1-24	24"	1552											X			
5 L2B-2-24	24"	1558											X			
6 L2B-3-24	24"	1607											X			
7 L2B-4-24	24"	1612											X			
8 L2B-5-24	24"	1616											X			
9 L2A-1-24	24"	1704											X			
10 L2A-2-24	24"	1709											X			
11 L2A-3-24	24"	1713											X			
12 L2A-4-24	24"	1720											X			
13 L2A-5-24	24"	1724											X			
14 L2A-4-24-1	24"	1737											X			
15 L2A-4-24-2	24"	1741											X			
16 L2A-4-18-3	18"	1749											X			
17 L2A-5-24-1	24"	1754											X			
18 L2A-5-18-2	18"	1759											X			

Relinquished by:

Date / Time

Received by:

Date / Time

Sample Receipt:

Remarks:

Relinquished by:

Date / Time

Received by:

Date / Time

Good Condition?

Cold?

Relinquished by:

Date / Time

Received by:

Date / Time

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-27-12

Page: 2 of 2

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 south Hudson Street, Suite A Tal WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax: _____

Location: Talawa WA

Client Project # 2727-001A

Collector: ACY Date of Collection: 5-25-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MTCA 5 Metals	As, Pb	Field Note/# Containers
1 <u>L2A-5-24-3</u>	<u>24"</u>	<u>1803</u>	<u>Soil</u>	<u>402</u>											<u>X</u>	
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																

Relinquished by: <u> Aaron Jones </u>	Date / Time: <u> 5-27-12 11:20 </u>	Received by: <u> E. J. </u>	Date / Time: <u> 5-27-12 11:20 </u>	Sample Receipt: Good Condition? <input type="checkbox"/> Cold? <input type="checkbox"/> Seals Intact? <input type="checkbox"/> Total Number of Containers: <input type="text"/>	Remarks: <div style="text-align: right;">TAT <u>24HR</u> 48HR 5-Day</div>
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. A soil sample was analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 28, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

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Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120527-2

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/28/12	nd	nd
Lot 2C-12	5/28/12	832	50.4
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
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HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120527-2

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/28/12	107%	102%
L120527-1 MS	5/28/12	int	int
L120527-1 MSD	5/28/12	int	int
RPD	5/28/12	int	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-27-12

Page: 1 of 1

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 South Hudson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax: _____

Location: Tacoma WA

Client Project # 2727-001A

Collector: ACY Date of Collection: 5-25-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MTCA 5 Metals	As, Ph	Field Note/# Containers
1 Lot 2C-12	12"	1634	Soil	40Z											X	
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																

Relinquished by:

Date / Time

Received by

Date / Time

Aaron Young 5-27-12/1:15

JFH 5-27-12 1:15

Sample Receipt:

Remarks:

Relinquished by:

Date / Time

Received by

Date / Time

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 30, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

A handwritten signature in cursive script that reads "Jamie L. Deyman".

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

HIGHLANDS ARSENIC REMEDIATION PROJECT
Robinson Noble
Tacoma, Washington
Libby Project # L120529-5
Client Project # 2727-001A

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/30/12	nd	nd
L2B-2-36	5/30/12	11.8	nd
L2B-3-42	5/30/12	12.6	nd
L2C-1-24	5/30/12	14.9	nd
L2C-2-24	5/30/12	397	nd
L2C-3-24	5/30/12	474	nd
L2C-4-18	5/30/12	215	6.5
L2C-5-24	5/30/12	53.6	nd
L2C-6-24	5/30/12	499	nd
L2C-7-18	5/30/12	997	nd
L2C-8-24	5/30/12	495	nd
L2C-9-24	5/30/12	9.3	nd
L2C-10-24	5/30/12	nd	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120529-5

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/30/12	96%	102%
L120518-4 MS	5/30/12	int	int
L120518-4 MSD	5/30/12	int	int
RPD	5/30/12	int	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE

Ph: 360-352-2110

Olympia, WA 98506

Fax: 360-352-4154

Date: 5-29-12

Page: 1 of 1

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 South Huson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax:

Location: Tacoma WA

Client Project # 2727-001A

Collector: ACY Date of Collection: 5-29-12

Sample Number	Depth	Time	Sample Type	Container Type													Field Note/# Containers	
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	As, Pb			
1 L2B-2-36	36"	1600	soil	40Z												X		
2 L2B-3-42	42"	1604														X		
3 L2C-1-24	24"	1555														X		
4 L2C-2-24	24"	1559														X		
5 L2C-3-24	24"	1603														X		
6 L2C-4-18	18"	1606														X		
7 L2C-5-24	24"	1610														X		
8 L2C-6-24	24"	1620														X		
9 L2C-7-18	18"	1624														X		
10 L2C-8-24	24"	1628														X		
11 L2C-9-24	24"	1631														X		
12 L2C-10-24	24"	1635	✓	✓												X		
13																		
14																		
15																		
16																		
17																		
18																		

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt:	Remarks:
<u>Adam Young</u>	<u>5-29-12 1745</u>	<u>Ey 74</u>	<u>5-29-12 1645</u>		
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	
				Cold?	
				Seals Intact?	
				Total Number of Containers	
				TAT	<u>24HR</u> 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
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Tacoma, WA 98409

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HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120529-2

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/30/12	nd	nd
Lot 2D	5/30/12	501	9.3
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506

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HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120529-2

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/30/12	96%	102%
L120518-4 MS	5/30/12	int	int
L120518-4 MSD	5/30/12	int	int
RPD	5/30/12	int	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-29-12

Page: 1 of 1

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 South Hudson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253 475 7711 Fax:

Location:

Client Project # 2727-001A

Collector: Date of Collection: 5-29-12

Sample Number	Depth	Time	Sample Type	Container Type													Field Note/# Containers
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals	As	Pb	
1 Lot 2D	12"	1651	Soil	402													
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

Relinquished by:

Date / Time

Received by

Date / Time

Adam Young 5-29-12 1735

[Signature]

5-29-12 655

Sample Receipt:

Remarks:

Relinquished by:

Date / Time

Received by

Date / Time

Relinquished by:

Date / Time

Received by

Date / Time

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 31, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

A handwritten signature in cursive script that reads "Jamie L. Deyman".

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120530-5

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/31/12	nd	nd
L2D-1-12	5/31/12	nd	nd
L2D-2-12	5/31/12	454	6.3
L2D-3-12	5/31/12	384	nd
L2D-4-12	5/31/12	nd	nd
L2D-5-12	5/31/12	nd	nd
L2D-6-12	5/31/12	42.7	nd
L2D-7-12	5/31/12	nd	nd
L2D-8-12	5/31/12	nd	nd
L2D-9-12	5/31/12	nd	nd
L2C-2-42	5/31/12	nd	nd
L2C-3-42	5/31/12	49.8	nd
L2C-6-42	5/31/12	nd	nd
L2C-7-36	5/31/12	nd	nd
L2C-8-42	5/31/12	nd	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120530-5

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/31/12	109%	101%
L2C-8-42 MS	5/31/12	110%	int
L2C-8-42 MSD	5/31/12	111%	int
RPD	5/31/12	1%	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-30-12

Page: 1 of 1

Client: Robinson Noble &

Project Manager: JFH

Address: 3011 S. Huson Suite A Tacoma

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax:

Location:

Client Project # 2727-0014

Collector: ACY Date of Collection: 5-30-12

Sample Number	Depth	Time	Sample Type	Container Type													Field Note/# Containers	
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCBs 8082	MTCAs 5 Metals	As, Pb			
1 L2D-1-12	12"	17:18	Soil	402												X		
2 L2D-2-12	12"	17:22														X		
3 L2D-3-12	12"	17:27														X		
4 L2D-4-12	12"	17:32														X		
5 L2D-5-12	12"	17:34														X		
6 L2D-6-12	12"	17:37														X		
7 L2D-7-12	12"	17:40														X		
8 L2D-8-12	12"	17:43														X		
9 L2D-9-12	12"	17:45														X		
10 L2C-2-42	42"	18:00														X		
11 L2C-3-42	42"	18:02														X		
12 L2C-6-42	42"	18:04														X		
13 L2C-7-36	36"	18:08														X		
14 L2C-8-42	42"	18:12	V	V												X		
15																		
16																		
17																		
18																		

Relinquished by:

Date / Time

Received by

Date / Time

Adam Young 5-30-12 18:40

E. K. 5-30-12 6:40

Sample Receipt:

Remarks:

Relinquished by:

Date / Time

Received by

Date / Time

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

May 31, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on May 31, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120530-3

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/31/12	nd	nd
L2C-8-18-1	5/31/12	nd	nd
L2C-9-18-1	5/31/12	nd	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120530-3

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/31/12	109%	101%
L120530-5 MS	5/31/12	110%	int
L120530-5 MSD	5/31/12	111%	int
RPD	5/31/12	1%	int

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-30-2012

Page: 1 of 1

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 South Hudson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax: _____

Location: _____

Client Project #: 2727-001A

Collector: ACY

Date of Collection: 5-30-12

Sample Number	Depth	Time	Sample Type	Container Type													Field Note/# Containers
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	As, Pb		
1 L2C-8-18-1	18"	1607	soil	402											X		
2 L2C-9-18-1	18"	1611													X		
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

Relinquished by: <u>Aaron Young</u>	Date / Time: <u>5-30-12 18:28</u>	Received by: <u>EJ</u>	Date / Time: <u>5-30-12 6:35</u>	Sample Receipt: Good Condition? <input type="checkbox"/> Cold? <input type="checkbox"/> Seals Intact? <input type="checkbox"/> Total Number of Containers: _____	Remarks: TAT <u>24HR</u> 48HR 5-Day
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

June 1, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on June 1, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120531-7

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	6/1/12	nd	nd
L2D-10-24	6/1/12	161	6.3
L2D-2-24	6/1/12	499	10.7
L2D-3-24	6/1/12	5.8	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120531-7

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	6/1/12	100%	98%
L120531-3 MS	6/1/12	int	71%
L120531-3 MSD	6/1/12	int	85%
RPD	6/1/12	int	18%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-31-12

Page: 1 of 1

Client: Robinson Noble (Please Bill Joe Foss)

Project Manager: JFH

Address: 3011 South Hanson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax: _____

Location: Tacoma WA

Client Project # 2727-001A

Collector: ACT Date of Collection: 5-31-12

Sample Number	Depth	Time	Sample Type	Container Type													Field Note/# Containers
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MICA 5 Metals	AS	Pb	
1 L2D-10-24		1625	Soil	40Z													
2 L2D-2-24		1636	↓	↓													
3 L2D-3-24		1640	↓	↓													
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt:	Remarks:
<i>Adam Young</i>	5-31-12 5:26	<i>EJH</i>	5-31-12 5:26		
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	
				Cold?	
				Seals Intact?	
				Total Number of Containers	
				TAT	24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

June 8, 2012

John Hildenbrand
Robinson Noble
3011 Huson Street South
Suite A
Tacoma, WA 98409

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the Highlands Arsenic Remediation Project located in Tacoma, Washington. Soil samples were analyzed for Metals Arsenic and Lead by EPA Method 7010 Series on June 5, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Joe Foss at Highlands Twenty, LLP.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120602-5

Client Project # 2727-001A

Analyses of Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	6/5/12	nd	nd
L2D-2-40	6/5/12	50	nd
LED-2-40-1	6/5/12	40	nd
L2D-2-40-1 Dup	6/5/12	44	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

HIGHLANDS ARSENIC REMEDIATION PROJECT

Robinson Noble

Tacoma, Washington

Libby Project # L120602-5

Client Project # 2727-001A

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	6/5/12	111%	100%
L2D-2-40-1 MS	6/5/12	int	99%
L2D-2-40-1 MSD	6/5/12	int	98%
RPD	6/5/12	int	1%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Jamie Deyman & Sherry Chilcutt

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 6-4-12

Page: 1 of 1

Client: Robinson Noble (bill to Joe Foss)

Project Manager: JFH

Address: 3011 South Hudson Street, Suite A Tacoma WA

Project Name: Highlands Arsenic Remediation

Phone: 253-475-7711 Fax: 253-475-7711

Location:

Client Project # 2727-001A

Collector: ACT Date of Collection: 6-4-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBs 8082	MTCAs 5 Metals	As Pb	Field Note/# Containers
1 L2D-2-40		1555	soil	40Z												
2 L2D-2-40-1		1600	↓	↓												
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt:	Remarks:
<i>Adam Young</i>	6-4-12	<i>Eg 22</i>	6-4-12 5:05		
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	
				Cold?	
				Seals Intact?	
				Total Number of Containers	
				TAT	24HR 48HR 5-Day