



May 9, 2011

Mr. John Pekala  
ENVIRON International Corporation  
560 West Lake Mead Parkway  
Henderson, Nevada 89015

**Regarding:** *Limited Asbestos Survey – RZ-C*  
**Nevada Environmental Response Trust**  
**560 West Lake Mead Parkway**  
**Henderson, Nevada 89015**  
**Project – CON111106**

Dear Mr. Pekala,

Logistical Solutions, LLC. (LoSo) is pleased to provide ENVIRON International Corporation the results of the *Limited Asbestos Survey* conducted for the Nevada Environmental Response Trust site located at 560 West Lake Mead Parkway in Henderson, Nevada. The purpose of the limited asbestos survey (LAS) was to identify, within reason, the presence and location of potential asbestos-containing materials (ACMs) within Remediation Zone RZ-C (project area).

The scope-of-work performed as part of this LAS included a visual survey of the project area, bulk-material sample collection of suspect ACMs, laboratory analysis, and preparation of this report.

## **ASBESTOS REGULATIONS**

### **EPA – National Emission Standard for Hazardous Air Pollutants (NESHAP)-Asbestos**

The *United States Environmental Protection Agency* (EPA) regulates the emission of asbestos in Title 40 of the *Code of Federal Regulations* (CFR), Chapter I, Subchapter C, Part 61, Subpart M, *National Emissions Standards for Hazardous Air Pollutants* (NESHAP). The NESHAP provides regulatory standards for the control of asbestos emissions during the removal and/or abatement of regulated asbestos containing material (RACM).

RACM is defined by NESHAP as meeting any of the following definitions: 1) a friable asbestos material; 2) a Category I non-friable ACBM that has become friable; 3) a Category I non-friable asbestos containing building materials (ACBM) that will be or has been subject to sanding, grinding, cutting, or abrading, or 4) a Category II non-friable ACBM that has a high probability of becoming or has become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

The NESHAP provides the following definitions for friable, non-friable, Category I non-friable, and Category II non-friable asbestos material:

- ◆ **Friable asbestos material** means any material containing more than one percent asbestos.... that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- ◆ **Non-friable asbestos material** means any material containing more than one percent asbestos.... that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand

pressure.

- ◆ **Category I non-friable asbestos-containing material (ACM)** means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos.
- ◆ **Category II non-friable ACM** means any material, excluding Category I non-friable ACM, containing more than one percent asbestos...that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

According to the NESHAP, RACM must be removed prior to a demolition or renovation of a building. The NESHAP also requires State and local notifications, proper handling, and proper disposal of RACM that may be removed or disturbed during any demolition, repair, or maintenance activities involving the RACM.

### **OSHA - General Construction Standard**

The *Occupational Safety and Health Administration (OSHA)* regulates exposure to airborne asbestos for construction workers in Title 29 CFR, Part 1926.1101, *General Construction Standard (GCS)*. The GCS regulates exposure in all work as defined in 29 CFR 1910.12(b), including, but not limited to the following:

- ◆ Demolition or salvage of structures where asbestos is present;
- ◆ Removal or encapsulation of materials containing asbestos;
- ◆ Construction, alteration, repair, maintenance, or renovation of structures, substrates, or portions thereof, that contain asbestos;
- ◆ Installation of products containing asbestos;
- ◆ Asbestos spill/emergency cleanup;
- ◆ Transportation, disposal, storage, containment of and housekeeping activities involving asbestos or products containing asbestos, on the site or location at which construction activities are performed;
- ◆ Coverage under this standard shall be based on the nature of the work operation involving asbestos exposure; and
- ◆ This section does not apply to asbestos-containing asphalt roof coatings, cements, and mastics.

The GCS, which requires proper training of workers prior to the commencement of work, classifies asbestos-related work under this section into four classes:

- ◆ **Class I** – activities involving the removal of thermal system insulation (TSI) and surfacing asbestos-containing material (ACM) and potential asbestos-containing material (PACM);
- ◆ **Class II** – activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics;
- ◆ **Class III** – repair and maintenance operations, where “ACM” including TSI ACM, surfacing ACM, and PACM may be disturbed; and
- ◆ **Class IV** – maintenance and custodial activities during which employees contact, but do not disturb, ACM or PACM and activities to clean up dust, waste, and debris resulting from Class I, Class II, and Class III activities.

## **LIMITED ASBESTOS SURVEY**

### **Material Survey**

On May 3<sup>rd</sup> and May 4<sup>th</sup>, 2011, a Nevada-licensed asbestos building inspector visually surveyed the proposed excavation area within RZ-C for the presence of potential ACMs. A photograph of each bulk

sample location is included within the attached photograph log. The potential ACMs identified within the project at the time of the survey were as follows:

- ◆ One-inch metal piping with pipe wrap;
- ◆ Two-inch metal piping with pipe wrap;
- ◆ Four-inch metal piping with pipe wrap;
- ◆ Six-inch metal piping with a pipe wrap; and
- ◆ Foreign or discolored soil materials.

A total of 24 bulk material samples were collected. The suspect ACM samples were placed in plastic Zip-Loc™ bags. The bags were sealed, labeled, and transported to Forensic Analytical Laboratories, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) laboratory. The bulks samples were analyzed for asbestos using the method specified in Appendix E, Subpart E, 40 Code of Federal Regulations, Part 763, Section 1, Polarized Light Microscopy (PLM).

### **Results, Discussion, and Recommendations**

Bulk samples T-4, T-7, and T-8 reported ACM concentrations of 35 percent, 3 percent, and 2 percent, respectively. Asbestos was not detected (ND) in the remaining bulk samples or was only reported in a trace percentage (T-5). A copy of the analytical reports and chain-of-custody documentation indicating the sample locations and material descriptions are attached.

Three homogeneous areas of thermal system insulation (TSI) piping material were identified as ACM. According to OSHA 29 CFR 1926.1101(b), TSI is defined as ACM applied to pipes, fittings, boilers, breeching, tanks, ducts or other structural components to prevent heat loss or gain. TSI is a friable material and is classified as RACM, as described in NESHAP 40 CFR 61, Subpart M. The following RACMs were identified:

- ◆ Beige pipe wrap, one-inch pipe from RZ-C24 in the northwest corner;
- ◆ Brown/black pipe wrap, eastern two-inch pipe near RZ-C24; and
- ◆ Brown/black pipe wrap, western two-inch pipe near RZ-C24.

A Nevada-licensed asbestos abatement contractor must be used to remove and dispose of RACM prior to disturbance of the materials. Asbestos work activities are categorized according to OSHA 29 CFR 1926.1101(b). Class I asbestos work is defined as activities involving the removal of TSI ACM, surfacing ACM, and PACM. Class II asbestos work means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics. Class III asbestos work involves repair and maintenance operations, where ACM, including TSI and surfacing ACM and PACM, is likely to be disturbed, and Class IV asbestos work means maintenance and custodial activities during which employees contact but do not disturb ACM or PACM and activities to clean up dust, waste, and debris resulting from Class I, Class II, and Class III activities.

Federal law requires that asbestos control professionals must be trained on how to properly inspect for the presence of asbestos and to repair and remove it. Training for asbestos abatement professionals is required under AHERA, which is the authority under which EPA issued the EPA Asbestos Model Accreditation Plan (MAP) (40 CFR Part 763, Appendix C to Subpart E). Individuals seeking accreditation as asbestos abatement workers shall complete at least a 4-day training course as outlined in 40 CFR Part 763, Appendix C to Subpart E. The 4-day worker training course shall include lectures, demonstrations, and at least 14 hours of hands-on training.

After ACM removal is considered complete, a post-abatement visual assessment conducted by a Nevada-licensed asbestos project monitor is required to establish that removal has been achieved.

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**Limitations**

This report has been prepared for the exclusive use of ENVIRON International Corporation. The findings presented herein are based upon observations of our field personnel, points of investigation, and results of laboratory tests performed by Forensic Analytical Laboratories, Inc. All accessible areas of the excavation zone as part of this survey were attempted to be visually surveyed for the presence of potential asbestos-containing materials. However, it is possible that not all potential ACMs located within the excavation zone were identified in this survey.

Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No warranty, expressed or implied, is intended.

LoSo appreciates being of service to ENVIRON International Corporation on this project. If you have any questions or require additional information, please contact us at (702) 596-2021.

Sincerely,

**Logistical Solutions, LLC**



Ty L. Salazar, CEM, OHST  
Operations Manager  
Nevada Asbestos Consultant No. IM-1413

Attachments:    Photograph Log  
                      Aerial Photo with Sampling Locations  
                      Analytical Reports and Chain-of-Custody Documentation

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-1	Brown	pipe wrap, 1" metal piping	RZ-C24	ND	Friable	45 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-2	Brown	pipe wrap, north 4" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-3	Brown/Black	pipe wrap, upper 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-4	Beige	pipe wrap, 1" metal piping	RZ-C24	35% Chrysotile	Friable	45 linear feet	Poor



**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-5	Brown/Black	pipe wrap, 4" metal piping	RZ-C	ND	Friable	225 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-6	Brown/Black	pipe wrap, middle of 4" metal piping	RZ-C	ND	Friable	80 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-7	Brown/Black	pipe wrap, 2" metal piping	RZ-C	3% Amosite	Friable	120 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-8	Brown/Black	pipe wrap, 2" metal piping	RZ-C	3% Chrysotile	Friable	120 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-9	Grey	Cementitious Material	RZ-C26	ND	Friable	1000 square feet	Poor/Unstable

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-10	Grey	Cementitious Material	RZ-C24	ND	Friable	1000 square feet	Poor/Unstable

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-11	Grey	Cementitious Material	RZ-C24	ND	Friable	1000 square feet	Poor/Unstable

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-12	Brown/Black	pipe wrap, 4" metal piping	RZ-C14	ND	Friable	225 linear feet	Poor



**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-13	Brown/Black	pipe wrap, 4" metal piping	RZ-C15, Near Stand Pipe	ND	Friable	225 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-14	Brown/Black	pipe wrap, 4" metal piping	RZ-C24, ~60 feet east of fence area	ND	Friable	225 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-15	Brown/Black	pipe wrap, 4" metal piping	RZ-C26, ~100 feet east of fence area	ND	Friable	225 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-16	Brown/Black	pipe wrap, lower 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-17	Brown/Black	pipe wrap, lower 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-18	Brown/Black	pipe wrap, lower 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-19	Brown/Black	pipe wrap, upper 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

Photograph Log  
Bulk Sample Locations



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-20	Brown/Black	pipe wrap, upper 6" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor



**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-21	Brown	pipe wrap, north 4" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-22	Brown	pipe wrap, south 4" metal piping	RZ-C24	ND	Friable	90 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-23	Brown/Black	pipe wrap, east on 4" metal piping	RZ-C, near tank structure	ND	Friable	80 linear feet	Poor

**Photograph Log  
Bulk Sample Locations**



Sample ID	Color	Description	Location	Result	Friable or Non-Friable	Estimated Quantities	Condition
T-24	Brown/Black	pipe wrap, west on 4" metal piping	RZ-C, near tank structure	ND	Friable	80 linear feet	Poor

Aerial Photo





# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Logistical Solutions, LLC  
Ty Salazar  
4780 W. Ann Road  
Suite 5-237  
N. Las Vegas, NV 89031

**Client ID:** L1349  
**Report Number:** B148738  
**Date Received:** 05/03/11  
**Date Analyzed:** 05/04/11  
**Date Printed:** 05/04/11  
**First Reported:** 05/04/11

**Job ID/Site:** CON111106; Nevada Environmental Response Trust; Former Tronox Site in Henderson, NV  
**Date(s) Collected:** 05/03/2011

**FALI Job ID:** L1349  
**Total Samples Submitted:** 11  
**Total Samples Analyzed:** 11

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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<b>T-1</b>	01030532						
Layer: Black Felt							<b>ND</b>
Layer: Tan Fibrous Material							<b>ND</b>

Total Composite Values of Fibrous Components: **Asbestos (ND)**  
Cellulose (70 %)

<b>T-2</b>	01030533						
Layer: Red-Brown Non-Fibrous Material							<b>ND</b>

Total Composite Values of Fibrous Components: **Asbestos (ND)**  
Cellulose (Trace)

<b>T-4</b>	01030534						
Layer: Beige Semi-Fibrous Material		Chrysotile					<b>35 %</b>

Total Composite Values of Fibrous Components: **Asbestos (35%)**  
Cellulose (60 %)

<b>T-3</b>	01030535						
Layer: Black Felt							<b>ND</b>
Layer: Red-Brown Non-Fibrous Material							<b>ND</b>

Total Composite Values of Fibrous Components: **Asbestos (ND)**  
Cellulose (25 %)

<b>T-5</b>	01030536						
Layer: Black Semi-Fibrous Material		Chrysotile					<b>Trace</b>
Layer: Beige Fibrous Material							<b>ND</b>

Total Composite Values of Fibrous Components: **Asbestos (Trace)**  
Cellulose (2 %) Fibrous Glass (10 %)

<b>T-6</b>	01030537						
Layer: Black Semi-Fibrous Material							<b>ND</b>
Layer: Red Non-Fibrous Material							<b>ND</b>

Total Composite Values of Fibrous Components: **Asbestos (ND)**  
Cellulose (25 %)

<b>T-7</b>	01030538						
Layer: Black Semi-Fibrous Material		Amosite					<b>3 %</b>

Total Composite Values of Fibrous Components: **Asbestos (3%)**

Client Name: Logistical Solutions, LLC

Report Number: B148738

Date Printed: 05/04/11

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>T-8</b>	01030539						
Layer: Red-Brown Semi-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (25 %)							
<b>T-9</b>	01030540						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>T-10</b>	01030541						
Layer: Grey Cementitious Material			ND				
Layer: Red-Brown Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>T-11</b>	01030542						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							



Tracy Mitchell, Laboratory Analyst, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

Note: If e-mailing this form, please remember that this document must be signed.

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Forensic Analytical Laboratories, Inc.

Analysis Request Form (COO)

Client Name & Address: Client No.: L1349 Logistical Solutions, LLC 4780 W. Ann Road, #5-237 N. Las Vegas, NV 89031		PO/Job#: <u>CON11110</u> Date: <u>5-3-11</u>
Contact: <u>Ty Salazar</u>		Turn Around Time: <input checked="" type="checkbox"/> Same Day / <input checked="" type="checkbox"/> 1 Day / <input type="checkbox"/> 2 Day / <input type="checkbox"/> 3 Day / <input type="checkbox"/> 4 Day / <input type="checkbox"/> 5 Day
Phone: <u>7023762344</u> Fax: <u>7029741776</u>		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer
E-mail: <u>tsalazar@fsonow.com</u>		<input checked="" type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count: <u>400</u> / <u>1000</u> / <input type="checkbox"/> CARB 435
Site: <u>Nevada Environmental Response Trust</u>		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input checked="" type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402
Site Location: <u>Former Tronox Site in Henderson NV</u>		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield
Comments:		<input type="checkbox"/> TLM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight %
Report Via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-mail <input checked="" type="checkbox"/> Verbal		<input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(str/area) / <input type="checkbox"/> D5756(str/mass)
		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot
		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project
		<input type="checkbox"/> Metals Analysis: Method:
		Matrix:
		Analytes:

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
T-1	5-3-11 0830	R2-C, 1" TSI/Piping, Brown	LA P C				<u>0.002</u>
T-2	5-3-11 0835	R2-C, 4" TSI/Piping, Brown	LA P C				
T-3	5-3-11 0840	R2-C, 6" TSI Piping, Dark Brown	LA P C				
T-4	5-3-11 0845	R2-C, 1" TSI/metal/Pipe, Lt Brn	LA P C				
T-5	5-3-11 0850	R2-C, 4" TSI/pipe, Multikya fiber material, Dark Brown	LA P C				
T-6	5-3-11 0855	R2-C, 4" TSI/Pipe, Dark Brn	LA P C				
T-7	5-3-11 0900	R2-C, 1" TSI/Pipe, Dark Brn/Bk	LA P C				
T-8	5-3-11 0905	R2-C, 1" TSI/Pipe, Dark Brn/Bk	LA P C				
T-9	5-3-11 0910	R2-C, Gray earth material, along fence line of Avenue F	LA P C				
T-10	5-3-11 0915	R2-C, Gray earth material, along fence line of Avenue F	LA P C				

Sampled By: <u>Ty Salazar</u>	Date: <u>5-3-11</u>	Time: <u>0930</u>
Shipped Via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished By: <u>Ty Salazar</u>	Relinquished By: <u>Rachel Volby</u>	Relinquished By:
Date/Time: <u>5-3-11 1032</u>	Date/Time: <u>10:35 AM 05.03.11</u>	Date/Time:
Received By:	Received By:	Received By:
Date/Time:	Date/Time:	Date/Time:
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



Note: If e-mailing this form, please remember that this document must be signed.

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Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Client Name & Address: Client No.: L1349 Logistical Solutions, LLC 4780 W. Ann Road, #5-237 N. Las Vegas, NV 89031		PO/Job#: <u>CON111106</u> Date: <u>5-3-11</u>
Contact: Ty Salazar		Turn Around Time: <input checked="" type="checkbox"/> Same Day / <input type="checkbox"/> 1 Day / <input type="checkbox"/> 2 Day / <input type="checkbox"/> 3 Day / <input type="checkbox"/> 4 Day / <input type="checkbox"/> 5 Day
Phone: <u>7023762344</u>	Fax: <u>7029741776</u>	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer
E-mail: <u>tsalazar@losnow.com</u>	Site: <u>Nevada Environmental Response Trust</u>	<input checked="" type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count: <u>400</u> / <input type="checkbox"/> 1000 / <input type="checkbox"/> CARB 435
Site Location: <u>Fence Trench Site in Henderson, NV</u>	Matrix: _____	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402
Comments:	Analytes: _____	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield
		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight %
		<input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(4-) / <input type="checkbox"/> D5755(st/area) / <input type="checkbox"/> D5756(st/mass)
		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot
		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project
		<input type="checkbox"/> Metals Analysis: Method: _____
		Report Via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-Mail <input checked="" type="checkbox"/> Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
<u>T-11</u>	<u>5-3-11</u> <u>0920</u>	<u>R2-C, Gray catch material,</u> <u>along fence line of Avenue F</u>	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: <u>Ty L Salazar</u>	Date: <u>5-3-11</u>	Time: <u>0730</u>
Shipped Via: <input type="checkbox"/> FedEx <input type="checkbox"/> DHL <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished By: <u>[Signature]</u>	Relinquished By: _____	Relinquished By: _____
Date/Time: <u>5/3/11 1032</u>	Date/Time: _____	Date/Time: _____
Received By: _____	Received By: <u>Rachel Kelly</u>	Received By: _____
Date/Time: _____	Date/Time: <u>10:35 AM 05-03-11</u>	Date/Time: _____
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Logistical Solutions, LLC  
Ty Salazar  
4780 W. Ann Road  
Suite 5-237  
N. Las Vegas, NV 89031

**Client ID:** L1349  
**Report Number:** B148851  
**Date Received:** 05/04/11  
**Date Analyzed:** 05/04/11  
**Date Printed:** 05/04/11  
**First Reported:** 05/04/11

**Job ID/Site:** CON11106; Nevada Environmental Response Trust +; Former Tronox Site in Henderson, NV  
**Date(s) Collected:** 05/04/2011

**FALI Job ID:** L1349  
**Total Samples Submitted:** 13  
**Total Samples Analyzed:** 13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>T-12</b>	01030562						
Layer: Beige Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Fibrous Glass (80 %)							
<b>T-13</b>	01030563						
Layer: Black Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (5 %)	Fibrous Glass (70 %)						
<b>T-14</b>	01030564						
Layer: Black Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)	Fibrous Glass (75 %)						
<b>T-15</b>	01030565						
Layer: Black Fibrous Material			<b>ND</b>				
Layer: Red-Brown Non-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)	Fibrous Glass (75 %)						
<b>T-16</b>	01030566						
Layer: Brown/White Semi-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (25 %)							
<b>T-17</b>	01030567						
Layer: Brown/White Semi-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (25 %)							
<b>T-18</b>	01030568						
Layer: Black Semi-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (25 %)							

Client Name: Logistical Solutions, LLC

Report Number: B148851

Date Printed: 05/04/11

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>T-19</b>	01030569						
Layer: Black Semi-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (25 %)							
<b>T-20</b>	01030570						
Layer: Red-Brown Non-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>T-21</b>	01030571						
Layer: Red-Brown Non-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>T-22</b>	01030572						
Layer: Red-Brown Non-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>T-23</b>	01030573						
Layer: Paint			<b>ND</b>				
Layer: Black Tar			<b>ND</b>				
Layer: Black Felt			<b>ND</b>				
Layer: Black Tar			<b>ND</b>				
Layer: Black Felt			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (55 %)      Fibrous Glass (10 %)							
<b>T-24</b>	01030574						
Layer: Black Semi-Fibrous Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (25 %)							



Tracy Mitchell, Laboratory Analyst, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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1 of 2

Client Name & Address: **Logistical Solutions Client #1349**  
 4780 W. Ann Rd, Suite 5-237  
 N. Las Vegas, NV. 89031

PO/Job#: **CON111106** Date: **5/4/11**

Turn Around Time:  Same Day /  1Day /  2Day /  3Day /  4Day /  5Day

PCM:  NIOSH 7400A /  NIOSH 7400B  Rotometer

PLM:  Standard /  Point Count 400 / 1000 /  CARB 435

Contact: **Ty Salazar**

Phone: **702-374-2344** Fax: **702-974-1776**

E-mail: **tsalazar@losonow.com**

Site: **Nevada Environmental Response Trust**

Site Location: **Former Tronox Site in Harlow NV**

Matrix: \_\_\_\_\_

Analytes: \_\_\_\_\_

IAQ Particle Identification (PLM LAB)  PLM Opaques/Soot   
 Particle Identification (TEM LAB)  Special Project   
 Metals Analysis: Method: \_\_\_\_\_

Comments: \_\_\_\_\_

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
T-12	1200 5-4-11	R2-C 4" TSE Pipe along Ave F, Farthest West	IA P C				
T-13	1205 5-4-11	" " " " " " " "	IA P C				
T-14	1210 5-4-11	" " " " " " " "	IA P C				
T-15	1215 5-4-11	" " " " " " " "	IA P C				
T-16	1220 5-4-11	R2-C 6" pipe / TSE, Bottom ~20 ft from fenced area, farthest west	IA P C				
T-17	1225 5-4-11	" " " " " " " "	IA P C				
T-18	1230 5-4-11	" " " " " " " "	IA P C				
T-19	1235 5-4-11	R2-C, 6" pipe, TOP, ~25 ft from fenced area, west sample	IA P C				
T-20	1240 5-4-11	" " " " " " " "	IA P C				
T-21	1245 5-4-11	R2-C, 4" piping in box of 3 pipes, west end. ~25 ft east of fenced area	IA P C				

Sampled By: **Ty Salazar** Date: **5-4-11** Time: **1350**

Shipped Via:  Fed Ex  DHL  UPS  US Mail  Courier  Drop Off  Other:

Relinquished By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No



Client Name & Address: Logistech Solutions PO/Job#: CO111106 Date: 5/4/11

Turn Around Time:  Same Day /  1Day /  2Day /  3Day /  4Day /  5Day

PCM:  NIOSH 7400A /  NIOSH 7400B  Rotometer

PLM:  Standard /  Point Count 400 / 1000 /  CARB 435

Contact: [Signature]

Phone: [Signature] Fax: [Signature]

E-mail: [Signature]

Site: [Signature]

Site Location: [Signature]

Comments: [Signature]

Report Via:  Fax  E-Mail  Verbal

TEM Air:  AHERA /  Yamate2 /  NIOSH 7402  
 TEM Bulk:  Quantitative /  Qualitative /  Chatfield  
 TEM Water:  Potable /  Non-Potable /  Weight %  
 TEM Microvac:  Qual(+/-) /  D5755(str/area) /  D5756(str/mass)

IAQ Particle Identification (PLM LAB)  PLM Opaques/Soot  
 Particle Identification (TEM LAB)  Special Project

Metals Analysis: Method: \_\_\_\_\_  
 Matrix: \_\_\_\_\_  
 Analytes: \_\_\_\_\_

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
T-22	1250 5-4-11	R2-C, 4" piping in box of 3 pipes, west end. ~25 ft east of fence area (SOUTH PIPE)	A P C				
T-23	1255 5-4-11	R2-C, 4" pipe/TSE next to tank structure, along fence area to the east western sample	A P C				
T-24	1300 5-4-11	" " " " " Eastern Sample	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: TJ Salzman Date: 5/4/11 Time: 1350

Shipped Via:  Fed Ex  DHL  UPS  US Mail  Courier  Drop Off  Other:

Relinquished By: [Signature] Date/Time: 5/4/11 1350

Received By: [Signature] Date/Time: 5/4/11 1350

Condition Acceptable?  Yes  No