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## RESULTS OF ENVIRONMENTAL SAMPLING

### Former Belvada Apartments 101 S. Main Street Tonopah, NV

*Prepared for:*

*State of Nevada  
Department of Conservation and Natural Resources  
Division of Environmental Protection  
Bureau of Corrective Actions  
901 S. Stewart Street, Suite 4001  
Carson City, Nevada 89701-5249*

| Soil and Groundwater Remediation

| Regulatory Compliance

| Environmental Audits

| Hydrogeology

| Hazmat Response

*June 30, 2011*

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## 1. INTRODUCTION

McGinley and Associates, Inc. (MGA) is submitting this report summarizing environmental sampling activities conducted at the former Belvada Apartments (APN #008-135-09) located at 101 S. Main Street in Tonopah, Nevada. The site location is shown in Figure 1 and Figure 2. This project is being funded through the State of Nevada Brownfields program.

## 2. OBJECTIVES

The objective of the sampling activities was to assess for the presence of asbestos containing material (ACM), lead-based paint (LBP), mold and petroleum impacted soil in the building.

## 3. SCOPE OF SERVICES

The environmental sampling activities were conducted in general accordance with our Sampling and Analysis Plan (SAP), revision 1 dated April 1, 2011 and included the following:

- Collecting 28 bulk samples from suspect ACM;
- Collecting 18 paint samples;
- Collecting three air samples;
- Collecting five soil samples; and,
- Analytical testing of collected samples.

## 4. BACKGROUND

The building was previously developed with apartments and is currently vacant. The building contains suspect ACM and LBP and the potential exists for the presence of mold. Apparent petroleum impacted soils are located in the basement of the building proximal to the aboveground heating oil tank and the boiler.

### 4.1 Sampling Area Description

The parcel occupies approximately 0.11 acre in a commercial area in downtown Tonopah. The property is bounded on the north by Brougher Ave, on the west by St. Patric Street and on the east by Main Street (Figure 2). The building is six stories in height, including the basement. Samples were collected from suspect ACM (insulation, dry-wall, thermal system insulation (TSI), vinyl tile, mastic, etc.), painted surfaces and from apparent petroleum product impacted soils. Air samples were collected from the first floor and basement of the building to assess for the presence of fungal mold.

### 4.2 Operational History

The building was constructed in 1906 – 1907. The building formerly contained apartments for residential use and was also occupied by a bank, convenience store, dress shop, bar, hair salon and other retail stores. The building has been vacant for several years.

### 4.3 Previous Investigations/Regulatory Involvement

MGA conducted a Phase I Environmental Site Assessment (ESA) of the subject parcel in October 2010. A copy of the Phase I ESA is on file at the NDEP. The Phase I ESA identified the aboveground heating oil tank as a Recognized Environmental Condition (REC). Assessments for the presence of asbestos, mold, lead-based paint and radon gas were not included in the Phase I ESA. The Phase I ESA report stated that radon gas is not a likely environmental concern because the site is located in Zone 2 of the U.S. EPA published map of radon zones.

## 5. ENVIRONMENTAL SAMPLING ACTIVITIES

The environmental sampling activities were conducted by MGA representatives on June 1 – 2, 2011. The suspect ACM samples were collected by a Nevada licensed asbestos inspector. The sampling activities are described in the following sections.

### 5.1 Collection of Suspect ACM Samples

Twenty-eight (28) representative bulk samples were collected from suspect ACM. Samples were extracted using a clean knife and placed in a zip-lock bag which was sealed and labeled. The samples were delivered under chain-of-custody protocol to Asbestos TEM Laboratories, Inc., in Sparks, Nevada.

### 5.2 Collection of Paint Samples

Eighteen (18) paint chip samples were collected from within the building. The samples were extracted using a clean knife and placed in a zip-lock bag which was sealed and labeled. The samples were delivered under chain-of-custody protocol to Asbestos TEM Laboratories, Inc in Berkley, California.

### 5.3 Collection of Air Samples

Three air samples were collected – one from outside the building (background sample), one from within the first floor of the building and one from within the basement. The air samples were collected in spore trap air sampling cassettes using a Zefon Bio Pump. The pump was calibrated to operate at a flow rate of 15 liters per minute. Each sample was collected over a five minute period. The air samples were delivered under approved chain-of-custody protocol to Natural Link Mold Lab in Reno, Nevada.

### 5.4 Collection of Soil Samples

Four surficial soil samples were collected from apparent impacted soil located near the aboveground storage tank and the boiler and one sub-slab sample was collected proximal to the boiler. Additionally, one sub-slab sample was collected proximal to the boiler. The sample locations are shown in Figure 3). The SAP stated that a sub-slab sample would be collected proximal to the AST; however, we were unable to collect this sample due to physical site constraints.

A hole was cut in the concrete floor to facilitate collection of the sub-slab soil sample. Advancement of a brass tube into undisturbed soil was attempted; however, tube refusal was encountered due to presence of cobbles and gravel. Due to geologic conditions, soil samples were collected in laboratory-provided glass sample jars with Teflon lids. The soil samples were placed in the jar, sealed, labeled, and preserved in a cooler at 4 oC pending delivery to the

laboratory. The soil samples were delivered under chain-of-custody protocol to Alpha Analytical Laboratories in Sparks, Nevada.

## 5.5 Analytical Testing

The suspect ACM samples were analyzed for asbestos fibers utilizing Polarized Light Microscopy (PLM). Paint samples were analyzed by atomic absorption spectrometry (AAS) using method SW-846-7420. Air samples (spore trap cassettes) were analyzed by Fungal Microscopic Exam/25152-R01. Soil samples were analyzed for Total Petroleum Hydrocarbons - Extractable (TPH-E) by EPA Method SW 8015, Volatile Organic Compounds (VOCs) by EPA Method SW8260B and Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method SW8270C. The chain-of-custody records and laboratory reports for the suspect ACM samples, paint samples, fungal air samples and soil samples are provided in Appendices A, B, C and D, respectively.

## 6. ANALYTICAL RESULTS

### 6.1 Suspect ACM Samples

OSHA 29 CFR 1926.1101 and NESHAPS 40 CFR 61.141 define ACM as any material which contains more than one percent (1%) asbestos by weight. Twelve of the 28 samples that were collected contained asbestos exceeding 1% by weight. The analytical results for these samples are summarized in Table 1. One sample (BRN003-ACM-1A) contained less than 1% asbestos. No detectable asbestos was reported in the other samples.

**Table 1. Summary of Analytical Results for Suspect ACM Samples with Asbestos Exceeding 1% by Weight**

Sample ID	Sample Location	Asbestos (%/Type)
BRN003-ACM-5A/ 9x9 Tan Floor Tile	4 <sup>th</sup> Floor – West Side	1-5% Chrysotile
BRN003-ACM-7/Joint Compound	3 <sup>rd</sup> Floor – North Room	1-5% Chrysotile
BRN003-ACM-11B/Joint Compound	1 <sup>st</sup> Floor – Southeast Ceiling	1-5% Chrysotile
BRN003-ACM-15/Joint Compound	1 <sup>st</sup> Floor – Hall Bathroom	1-5% Chrysotile
BRN003-ACM-16A/Wall Texture on Plaster Wall	1 <sup>st</sup> Floor – West Entry Room	1-5% Chrysotile
BRN003-ACM-18A/ Silver Paint	Roof – By Hatch	10-20% Chrysotile

**Table 1. Summary of Analytical Results for Suspect ACM Samples with Asbestos Exceeding 1% by Weight**

Sample ID	Sample Location	Asbestos (%/Type)
BRN003-ACM-18B/ Black Roof Tar	Roof – By Hatch	30-40% Chrysotile
BRN003-ACM-21/ Pipe TSI	Basement – Southeast Large Room	40-50% Chrysotile
BRN003-ACM-23/ Pipe Elbow TSI	Basement – Boiler Room	30-40% Chrysotile
BRN003-ACM-24/ Boiler Tank TSI	Basement – Boiler Room	20-30% Chrysotile 5-10% Amosite
BRN003-ACM-25/ Pipe TSI	Basement – Boiler Room	30-40% Chrysotile
BRN003-ACM-26/ Pipe TSI	Basement – Oil Tank Room	40-50% Chrysotile

## 6.2 Paint Samples

The Nevada Division of Industrial Relations and the EPA definition of lead-based paint is paint containing at 0.5 percent (5000 mg/kg) or greater lead by weight. Seven of the 18 samples that were collected contained greater than 0.5% lead by weight. The analytical results of these samples are summarized in Table 2. No detectable lead was reported in any of the other samples.

**Table 2. Summary of Analytical Results for Paint Samples with Lead Exceeding 0.5% by Weight**

Sample ID/Paint Color	Sample Location	Lead (% by weight)
BRN003-PS-1/ Dark Cream	5 <sup>th</sup> Floor – Top of Stairs	0.820%
BRN003-PS-2/ Light Cream	5 <sup>th</sup> Floor – Southwest Window	0.650%
BRN003-PS-6/ Bright Green	5 <sup>th</sup> Floor – East Doorway	1.800%
BRN003-PS-7/ White	5 <sup>th</sup> Floor – South Wall	0.580%
BRN003-PS-13/ Standard Green	3rd Floor – West Hallway	1.000%
BRN003-PS-16/ Light Brown	1 <sup>st</sup> Floor – Central Hall	0.520%

<b>Table 2. Summary of Analytical Results for Paint Samples with Lead Exceeding 0.5% by Weight</b>		
<b>Sample ID/Paint Color</b>	<b>Sample Location</b>	<b>Lead (% by weight)</b>
BRN003-PS-18/ Light Brown	Basement – Northeast Corner Large Room – Under Stairs	45.000%

### 6.3 Air Samples

Currently, OSHA, NIOSH, the EPA nor any other regulatory agency have established permissible exposure levels, recommended exposure limits, or other limit values for aeroallergens. Interpretation of ambient airborne fungal spore analytical results is achieved by comparing indoor airborne fungal spore concentrations to outdoor fungal spore concentrations. In the event total indoor fungal spore levels are significantly higher than the levels outside of the building, or if the general profile of spores in the indoor air samples are not consistent with the outdoor general profile of fungal spores, this could indicate the presence of active fungal contamination and amplification inside of the building.

The analytical results for the air sample are summarized in the Table 3 on the following page. Penicillium/ Aspergillus fungal spore levels were moderately elevated in both interior air samples.

### 6.4 Soil Samples

The analytical results for the soil samples are summarized in Table 4 and Figure 3. TPH-E concentrations ranging from 268 mg/Kg to 7,500 mg/Kg were reported in the soil samples. VOCs were reported in one of the soil samples and PAHs were reported in four of the five soil samples. No detectable concentrations of VOCs or PAHs were reported in the sub-slab soil sample.

*Natural Link* MOLD LAB

Natural Link MOLD LAB

## **Summary Table**

Fungal Microscopic Examination  
Bioaerosol, non-culturable

National Grid NORDIAD Inc., 4000 Main Street, Suite 3, Bangor, ME 04401

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1A14926

**Table 4. Summary of Analytical Results for Soil Samples**

SAMPLE ID	LOCATION	DEPTH (fbgs)	TPH-E (mg/Kg)	VOCs (µg/Kg)	PAHs (µg/Kg)
BRN003-SS-1 Heating Tank Surface	Proximal to AST (see Figure 3)	Top of slab	660 (DRO) 430 (ORO)	All analytes below reporting limits	Fluoranthene – 32 Pyrene – 30 Chrysene - 28
BRN003-SS-2 Boiler N. Surface	North side of boiler (see Figure 3)	Top of slab	5,600 <sup>1</sup> (DRO) 1,900 (ORO)	o-Xylene – 200 n-Propylbenzene – 1,000 2-Chlorotoluene – 210 1,3,5-Trimethylbenzene – 690 1,2,4-Trimethylbenzene – 820 4-Isopropyltoluene – 440 n-Butylbenzene – 250	Naphthalene – 6,900 Fluoranthene – 4,000 Phenanthrene – 8,500 Pyrene – 2,800
BRN003-SS-3 Boiler S. Surface	South side of boiler (see Figure 3)	Top of slab	2,600 <sup>1</sup> (DRO) 1,400 (ORO)	All analytes below reporting limits	Naphthalene – 57 Phenanthrene – 200 Anthracene – 35 Fluoranthene – 310 Pyrene – 270 Benzo(b&k)fluoranthene, Isometric pair – 190 Benzo(a)pyrene – 140 Indeno(1,2,3-cd) pyrene – 71 Dibenz(a,h)anthracene – 26 Benzog(h,i)perylene - 90
BRN003-SS-4 Boiler N @ 1.0 ft	North side of boiler (see Figure 3)	1	2,100 <sup>1</sup> (DRO) 950 (ORO)	All analytes below reporting limits	All analytes below laboratory reporting limits.
BRN003-SS-5 Boiler E. Surface	East side of boiler (see Figure 3)	Top of slab	78 <sup>1</sup> (DRO) 190 (ORO)	All analytes below reporting limits	Phenanthrene – 98 Anthracene – 26 Fluoranthene – 150 Pyrene – 130 Benzo(a)anthracene – 96 Chrysene - 100 Benzo(b&k)fluoranthene, Isometric pair – 140 Benzo(a)pyrene – 120 Indeno(1,2,3-cd) pyrene – 57 Dibenz(a,h)anthracene – 28 Benzog(h,i)perylene - 71

TPH-E Total Petroleum Hydrocarbons – Extractable

VOCs Volatile Organic Compounds

ORO Oil Range Organics, C22 – C40+

µg/Kg micrograms per kilogram

DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.

Note:

Sample results were calculated on a wet weight basis.

PAHs Poly Aromatic Hydrocarbons

DRO Diesel Range Organics, C13 – C22

mg/Kg milligrams per kilogram

fbgs feet below ground surface

## 7. DEVIATIONS FROM SAMPLING AND ANALYSIS PLAN

A sub-slab soil sample was not collected near the AST due to physical site constraints. Soil samples were collected in glass jars in lieu of brass tubes due to geologic conditions.

## 8. DATA QUALITY

### 8.1 Soil Samples

Undisturbed soil samples could not be collected due to geologic conditions; therefore, the reported VOC concentrations may not be representative. However, the material released appears to be diesel/heating oil and is comprised primarily of heavier-end hydrocarbons (C13-C40+). Based on the nature of the contaminant, it is anticipated that VOC concentrations in the shallow soils are relatively low.

### 8.2 Laboratory Analytical Data

The laboratory analytical data for the samples met the data quality objectives established in the SAP. The laboratory reporting limits for the samples are acceptable.

## 9. SUMMARY OF FIELD ACTIVITIES

- Twenty-eight (28) samples were collected from suspect ACM;
- Eighteen (18) paint samples were collected;
- Three air samples were collected for fungal analysis;
- Five soil samples were collected in the basement – four from impacted soil on top of the floor slab and one from beneath the floor slab.

## 10. FINDINGS

- Twelve of the 28 suspect ACM samples collected contained asbestos exceeding 1% by weight (see Table 1); therefore, the material that these 12 samples were extracted from is defined as ACM per OSHA 29 CFR 1926.1101 and NESHAPS 40 CFR 61.141.
- Seven of the 18 paint samples contained greater than 0.5% lead by weight (see Table 2); therefore, this paint that these seven samples were extracted from is defined as LBP per the Nevada Division of Industrial Relations and the EPA.
- Penicillium/ Aspergillus fungal spore levels were moderately elevated in both interior air samples (see Table 3).
- TPH-E concentrations ranging from 268 mg/Kg to 7,500 mg/Kg were reported in the collected soil samples. VOCs were reported in one of the soil samples and PAHs were reported in four of the five soil samples; however, the concentrations do not exceed the screening levels provided in the EPA Region 9 *Regional Screening Level (RSL) Summary Table May 2010*. No detectable concentrations of VOCs or PAHs were reported in the sub-slab soil sample.

## 11. CONCLUSIONS

ACM and LBP were confirmed to be present in several areas within the building. These materials should be removed by a Nevada licensed abatement contractor prior to conducting any renovation/remodeling activities in the building.

Fungal mold may be present on materials in the basement and first floor of the building. Any mold/fungus materials should be removed or properly treated.

Although an elevated TPH concentration was reported in the sub-slab soil sample no detectable concentration of VOC's or PAH's were reported in the soil sample. It does not appear that any additional soil assessment activities are warranted; however, the surficial impacted soil poses a potential vapor hazard and should be removed.

## 12. RECOMMENDATIONS

MGA recommends an abatement plan be prepared for the ACM and LBP identified during the soil sampling activities. All abatement activities shall be conducted in accordance with applicable Federal, State and local regulations. The EPA and State of Nevada should be notified prior to removal of any ACM.

Fungal mold that is present in the building should be removed or properly treated with a bleach solution or other fungicide. High efficiency particulate air (HEPA) filters should be used during the remediation of all fungal contaminated materials and a post-remediation air sampling assessment should be conducted upon completion of fungal remediation activities.

The petroleum impacted soil located on top of the concrete floor in the basement of the building should be removed and transported to an approved treatment/disposal facility.

## 13. LIMITATIONS

MGA is not responsible for any claims or damages associated with the interpretation of information provided during this inspection. This report should not be regarded as a guarantee that no further lead-based paint, asbestos containing materials or fungal growth exists beyond that which was suspected, visually inspected and/or sampled during this inspection. In addition, asbestos and lead may not be distributed evenly throughout a particular material and MGA cannot guarantee that all materials sampled are exactly as represented throughout the entire building. In the event renovation or demolition activities uncover materials that were previously hidden or inaccessible during the time of this inspection, then additional sample collection and analysis may be required. In the event materials that were previously hidden or inaccessible during the time of this inspection are disturbed and an exposure occurs, MGA shall be held harmless and will not be responsible for any claims made, financial or otherwise.

The conclusions and recommendations presented above are based upon the agreed scope of work outlined in the above report. MGA makes no warranties or guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information, which is not available to MGA at the time of writing the Report, may result in a modification of the conclusions and recommendations presented. The services performed by MGA have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney-client communication or as an attorney work product.

This report has been prepared for the sole use of the addressee of this report, and cannot be released without consent from MGA. If a third party relies on the information provided in this report, MGA accepts no responsibility for damages suffered by the third party as a result of reliance of information contained in this report, and that nothing contained in this report shall create a contractual relationship or cause the third party to bring suit against MGA.

## **14. CLOSING**

Should you have any questions regarding this report please contact Joe McGinley at (775) 829-2245.

Respectfully submitted,

**McGinley and Associates, Inc.**



Gene Johnson, Nevada Asbestos Consultant License No. IJPM0604  
Sr. Environmental Scientist

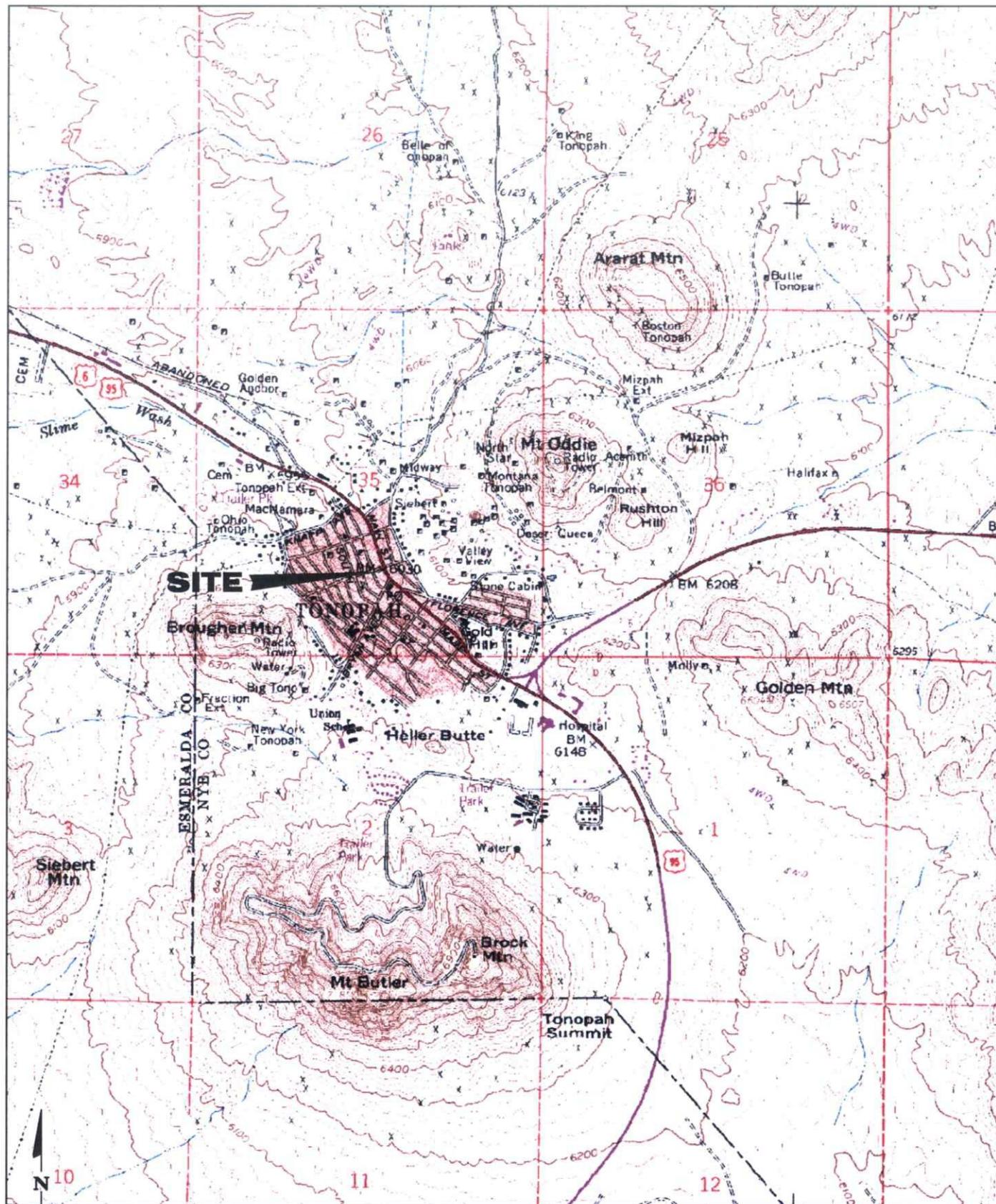
Reviewed by:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations, and ordinances.



Joseph M. McGinley, P.E., C.E.M. #1036, Exp. 11/12  
Principal

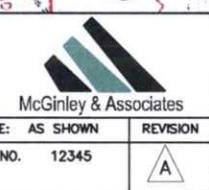
Cc: Susan Dudley, Administrative Supervisor, Town of Tonopah

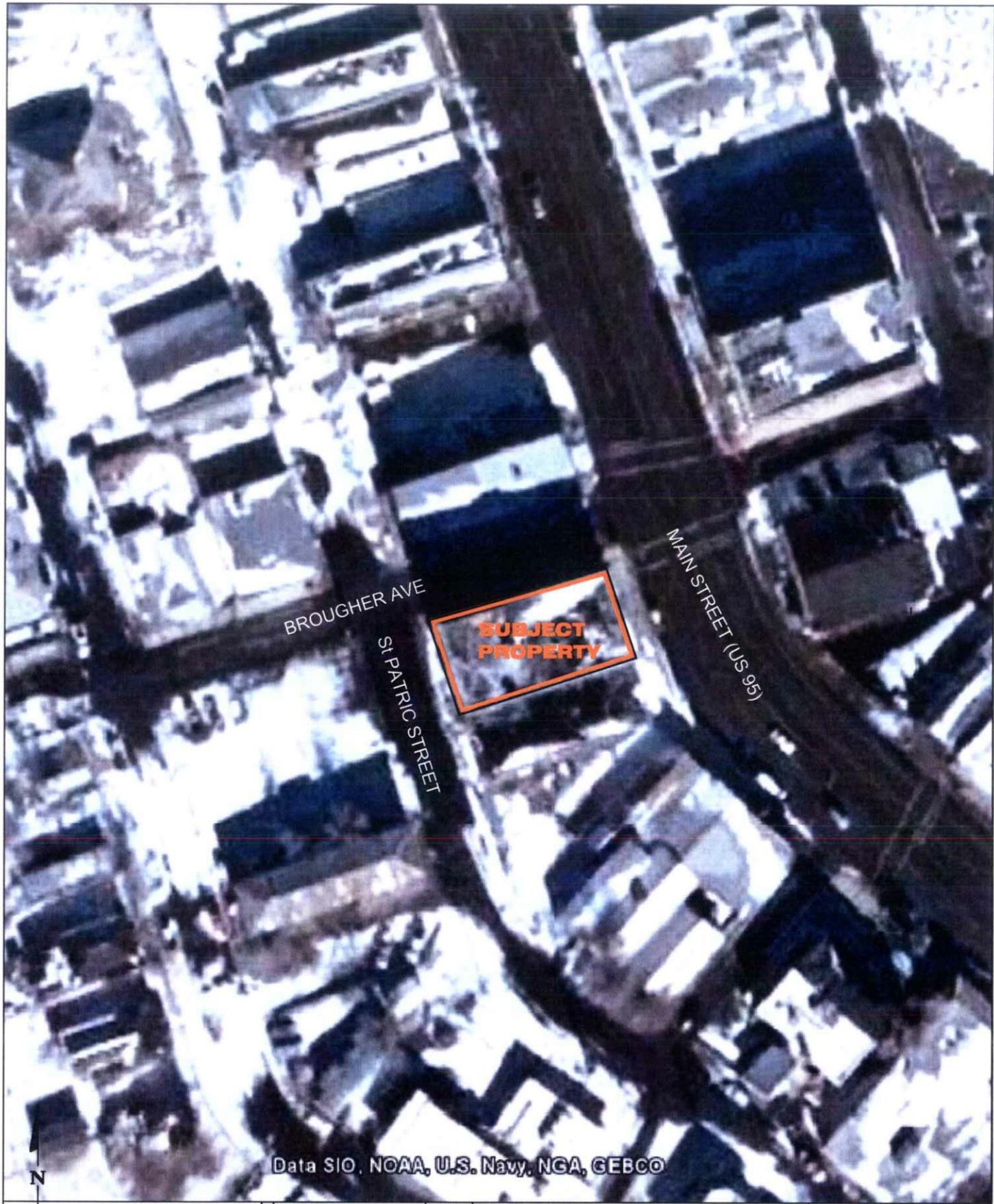


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**FIGURE 1**  
**PROJECT LOCATION MAP**  
-SHOWING-  
**FORMER BELVADA APARTMENTS**  
**APN 08-135-09**  
**TONOPAH, NEVADA**





Data SIO, NOAA, U.S. Navy, NGA, GEBCO



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**FIGURE 2**  
**SITE MAP**  
-SHOWING-  
**FORMER BELVADA APARTMENTS**  
**APN 08-135-09**  
**TONOPAH, NEVADA**

McGinley & Associates  
SCALE: AS SHOWN    REVISION  
JOB NO. DEP-003    A



## **APPENDIX A**

---

### **Chain of Custody Records and Laboratory Reports for Suspect ACM Samples**

Accredited by  
U.S. Dept. of Commerce  
**NVLAP**  
NVLAP Lab Code 200104-0

## POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 1 of 5

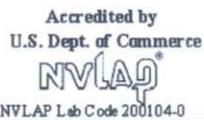
Contact: Mr. Joe McGinley	Samples Indicated:	28	Report No.	<b>116918</b>
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Reg. Samples Analyzed	28	Date Submitted:	Jun-15-11
	Split Layers Analyzed:	18	Date Reported:	Jun-17-11
	Job Site / No.	Belvada Apartments BRN003		
SAMPLE ID	% ASBESTOS TYPE	<b>OTHER DATA</b>		<b>DESCRIPTION</b>
		1) Non-Asbestos Fibers	2) Matrix Materials	3) Date/Time Collected
BRN003-ACM-1. Lab ID # 9029-00418-001A	<1% Chrysotile	1) <1% Cellulose 2) 100-100% Plast, Qtz, Other m.p.	3) 4) Jun-17-11	12x12 VFT / Mastic, 5th Floor - Southwest Bathroom
BRN003-ACM-1. Lab ID # 9029-00418-001B	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.	3) 4) Jun-17-11	12x12 VFT / Mastic, 5th Floor - Southwest Bathroom
BRN003-ACM-1. Lab ID # 9029-00418-001C	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.	3) 4) Jun-17-11	12x12 VFT / Mastic, 5th Floor - Southwest Bathroom
BRN003-ACM-2. Lab ID # 9029-00418-002A	None Detected	1) 60-70% Cellulose 2) 30-40% Calc, Other m.p.	3) 4) Jun-17-11	Flooring Felt - 5th Floor - Southwest Corner
BRN003-ACM-2. Lab ID # 9029-00418-002B	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.	3) 4) Jun-17-11	Flooring Felt - 5th Floor - Southwest Corner
BRN003-ACM-3. Lab ID # 9029-00418-003	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.	3) 4) Jun-17-11	Window Putty, 4th Floor - East Side
BRN003-ACM-4. Lab ID # 9029-00418-004	None Detected	1) <1% Cellulose 2) 100-100% Clay, Other m.p.	3) 4) Jun-17-11	Ceramic Tile, 4th Floor - West Hall
BRN003-ACM-5. Lab ID # 9029-00418-005A	1-5% Chrysotile	1) None Detected 2) 95-99% Plast, Qtz, Calc, Other m.p.	3) 4) Jun-17-11	9"x9" Floor Tile / Black Tile, 4th Floor - West Side
BRN003-ACM-5. Lab ID # 9029-00418-005B	None Detected	1) <1% Cellulose 2) 100-100% Gyp, Calc, Other m.p.	3) 4) Jun-17-11	9"x9" Floor Tile / Black Tile, 4th Floor - West Side
BRN003-ACM-6. Lab ID # 9029-00418-006A	None Detected	1) <1% Cellulose 2) 100-100% Gyp, Calc, Other m.p.	3) 4) Jun-17-11	Skim Coat / Plaster, 3rd Floor - West Stairwell
				Skim Coat-Cream

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert  
Dottie Guilbert

Analyst Dottie Guilbert  
Dottie Guilbert

ASBESTOS TEM LABORATORIES, INC.      1350 Freeport Blvd., Unit 104, Sparks, NV 89431      (775) 359-3377  
With Main Office in Berkley, CA (510) 704-8930



## POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 2 of 5

Contact: Mr. Joe McGinley  Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Samples Indicated: 28 Reg. Samples Analyzed 28 Split Layers Analyzed: 18  Job Site / No. Belvada Apartments BRN003	Report No. <b>116918</b> Date Submitted: Jun-15-11 Date Reported: Jun-17-11
<b>OTHER DATA</b>		
<b>SAMPLE ID</b>	<b>% ASBESTOS TYPE</b>	<b>DESCRIPTION</b>
		<b>FIELD</b>
		<b>LAB</b>
BRN003-ACM-6.  Lab ID # 9029-00418-006B	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Qtz, Bndr, Other m.p.  3) 4) Jun-17-11 Skim Coat/Plaster, 3rd Floor - West Stairwell  Plaster-Off-White
BRN003-ACM-7.  Lab ID # 9029-00418-007	<1% Chrysotile	1) 1-5% Cellulose 2) 95-99% Gyp, Other m.p.  3) 4) Jun-17-11 Joint Compound / Drywall, 3rd Floor - North Room  Drywall/JC (comp)-Off-White, JC 1-5%
BRN003-ACM-8.  Lab ID # 9029-00418-008A	None Detected	1) 40-50% Cellulose 2) 50-60% Plast, Calc, Other m.p.  3) 4) Jun-17-11 Sheet Flooring, 2nd Floor - South Bathroom Behind Stairs  Sheet Floor/Backing-Green
BRN003-ACM-8.  Lab ID # 9029-00418-008B	None Detected	1) <1-5% Gypsum, Cellulose 2) 95-99% Calc, Gyp, Other m.p.  3) 4) Jun-17-11 Sheet Flooring, 2nd Floor - South Bathroom Behind Stairs  Mastic-Brown
BRN003-ACM-9.  Lab ID # 9029-00418-009	None Detected	1) 40-50% Cellulose 2) 50-60% Plast, Calc, Other m.p.  3) 4) Jun-17-11 Sheet Floor/Backing-Brown  Sheet Flooring, 2nd Floor - Room Behind Stairs
BRN003-ACM-10.  Lab ID # 9029-00418-010A	None Detected	1) <1% Cellulose 2) 100-100% Plast, Qtz, Calc  3) 4) Jun-17-11 Floor Tile/Mastic, 1st Floor - Under Carpet By Bar  Floor Tile-Tan
BRN003-ACM-10.  Lab ID # 9029-00418-010B	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.  3) 4) Jun-17-11 Mastic-Beige  Floor Tile/Mastic, 1st Floor - Under Carpet By Bar
BRN003-ACM-11.  Lab ID # 9029-00418-011A	None Detected	1) <1% Cellulose 2) 100-100% Calc, Other m.p.  3) 4) Jun-17-11 Texture-Off-White  Texture/Joint Compound - Drywall, 1st Floor - Southeast Ceiling
BRN003-ACM-11.  Lab ID # 9029-00418-011B	1-5% Chrysotile	1) <1% Cellulose 2) 95-99% Calc, Other m.p.  3) 4) Jun-17-11 Texture/Joint Compound - Drywall, 1st Floor - Southeast Ceiling  Joint Corn-Beige
BRN003-ACM-12.  Lab ID # 9029-00418-012	None Detected	1) <1% Cellulose 2) 100-100% Calc, Mica, Other m.p.  3) 4) Jun-17-11 Joint Compound - Drywall, 1st Floor - Hall to Basement  Joint Com-Off-White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager

*Dottie Guilbert*

Dottie Guilbert

Analyst

*Dottie Guilbert*

Dottie Guilbert

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With Main Office in Berkley, CA (510) 704-8930

**POLARIZED LIGHT MICROSCOPY  
ANALYTICAL REPORT**

EPA Method 600/R-93/116 or 600/M4-82-020

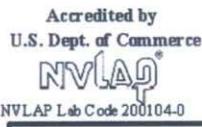
Page: 3 of 5

Contact: Mr. Joe McGinley	Samples Indicated: 28	Report No. <b>116918</b>		
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Reg. Samples Analyzed 28 Split Layers Analyzed: 18 Job Site / No. Belvada Apartments BRN003	Date Submitted: Jun-15-11 Date Reported: Jun-17-11		
SAMPLE ID	% ASBESTOS TYPE	OTHER DATA	DESCRIPTION	
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB	
BRN003-ACM-13.	None Detected	1) <1% Cellulose 2) 100-100% Calc, Other m.p.	Wall Texture / Joint Compound - Drywall, 1st Floor - Bar Room By Stfs	
Lab ID # 9029-00418-013A		3) 4) Jun-17-11	Texture-Off-White	
BRN003-ACM-13.	None Detected	1) 2-10% Cellulose, Fiberglass 2) 90-98% Gyp, Calc, Other m.p.	Wall Texture / Joint Compound - Drywall, 1st Floor - Bar Room By Stfs	
Lab ID # 9029-00418-013B		3) 4) Jun-17-11	Drywall/JC (comp)-Off-White	
BRN003-ACM-14.	None Detected	1) 40-50% Cellulose 2) 50-60% Plast, Calc, Other m.p.	Sheet Flooring, 1st Floor - Hall Bathroom	
Lab ID # 9029-00418-014		3) 4) Jun-17-11	Sheet Floor/Backing-Tan	
BRN003-ACM-15.	<1%	Chrysotile	Joint Compound - Drywall, 1st Floor - Hall Bathroom	
Lab ID # 9029-00418-015		1) 1-5% Cellulose 2) 95-99% Gyp, Other m.p.	Joint Compound - Drywall, 1st Floor - Hall Bathroom	
BRN003-ACM-16.	1-5%	Chrysotile	Skim Coat / Plaster, 1st Floor - West Entry Room	
Lab ID # 9029-00418-016A		1) <1% Cellulose 2) 95-99% Calc, Mica, Other m.p.	Skim Coat / Plaster, 1st Floor - West Entry Room	
BRN003-ACM-16.	None Detected	3) 4) Jun-17-11	Texture-Off-White	
Lab ID # 9029-00418-016B		1) <1% Cellulose 2) 100-100% Gyp, Calc, Other m.p.	Skim Coat / Plaster, 1st Floor - West Entry Room	
BRN003-ACM-16.	None Detected	3) 4) Jun-17-11	Skim Coat-Green	
Lab ID # 9029-00418-016C		1) 1-5% Cellulose 2) 95-99% Gyp, Qtz, Bnd, Other m.p.	Skim Coat / Plaster, 1st Floor - West Entry Room	
BRN003-ACM-17.	None Detected	3) 4) Jun-17-11	Plaster-Beige	
Lab ID # 9029-00418-017A		1) 20-40% Fiberglass/Synthetics 2) 60-80% Tar, Qtz, Other m.p.	Rolled Asphalt Roofing/Felt, Roof - By Hatch	
BRN003-ACM-17.	None Detected	3) 4) Jun-17-11	Rolled Roofing-Black	
Lab ID # 9029-00418-017B		1) 30-40% Fiberglass 2) 60-70% Tar	Rolled Asphalt Roofing/Felt, Roof - By Hatch	
BRN003-ACM-18.	10-20%	Chrysotile	3) 4) Jun-17-11	Roofing Felt-Black
Lab ID # 9029-00418-018A		1) None Detected 2) 80-90% Calc, Opg, Other m.p.	Silver Paint / Tar / Felt, Roof - By Hatch	
		3) 4) Jun-17-11	Paint-Silver	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert Analyst Dottie Guilbert  
Dottie Guilbert Dottie Guilbert

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377  
With Main Office in Berkley, CA (510) 704-8930



## POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 4 of 5

Contact: Mr. Joe McGinley	Samples Indicated:	28	Report No.	<b>116918</b>
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Reg. Samples Analyzed	28	Date Submitted:	Jun-15-11
	Split Layers Analyzed:	18	Date Reported:	Jun-17-11
	Job Site / No.	Belvada Apartments BRN003		
SAMPLE ID	% ASBESTOS TYPE	<b>OTHER DATA</b>		<b>DESCRIPTION</b>
		1) Non-Asbestos Fibers	2) Matrix Materials	FIELD LAB
BRN003-ACM-18. Lab ID # 9029-00418-018B	30-40% Chrysotile	1) None Detected 2) 60-70% Tar 3) 4)	Jun-17-11	Silver Paint / Tar / Felt, Roof - By Hatch Roofing Tar-Black
BRN003-ACM-18. Lab ID # 9029-00418-018C	None Detected	1) 40-60% Cellulose, Fiberglass 2) 40-60% Tar, Other m.p.		Silver Paint / Tar / Felt, Roof - By Hatch Roofing Felt-Black
BRN003-ACM-19. Lab ID # 9029-00418-019	None Detected	1) 95-99% Cellulose 2) 1-5% Other m.p.		Ceiling Insulation, Basement- Northeast Corner Large Room
BRN003-ACM-20. Lab ID # 9029-00418-020A	None Detected	1) 10-20% Cellulose 2) 80-90% Tar, Calc, Brnd, Other m.p.		Sheet Flooring / Felt, Basement - Northeast Corner Large Room
BRN003-ACM-20. Lab ID # 9029-00418-020B	None Detected	1) <1% Cellulose 2) 100-100% Calc, Gyp, Other m.p.		Sheet Floor/Backing-Grey
BRN003-ACM-20. Lab ID # 9029-00418-020C	None Detected	1) 10-20% Cellulose 2) 80-90% Tar, Calc, Brnd, Other m.p.		Sheet Flooring / Felt, Basement - Northeast Corner Large Room
BRN003-ACM-21. Lab ID # 9029-00418-021	40-50% Chrysotile	1) None Detected 2) 50-60% Calc, Other m.p.		Pipe TSI, Basement - Southeast Large Room
BRN003-ACM-22. Lab ID # 9029-00418-022	None Detected	1) 10-20% Cellulose 2) 80-90% Tar, Calc, Brnd, Other m.p.		Sheet Flooring, Basement - Central Room with Stairs
BRN003-ACM-23. Lab ID # 9029-00418-023	30-40% Chrysotile	1) 5-10% Cellulose 2) 50-65% Calc, Gyp, Other m.p.		Sheet Floor/Backing-Tan
BRN003-ACM-24. Lab ID # 9029-00418-024	20-30% Chrysotile 5-10% Amosite	1) 5-10% Cellulose 2) 50-75% Calc, Gyp, Other m.p.		Elbow TSI, Basement - Boiler Room
		3) 4)	Jun-17-11	Tank TSI, Basement - Boiler Room
				TSI-Cream
				TSI-Off-White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guillet  
Dottie Guillet

Analyst Dottie Guillet  
Dottie Guillet

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377  
With Main Office in Berkley, CA (510) 704-8930

Accredited by  
U.S. Dept. of Commerce  
**NVLAP**  
NVLAP Lab Code 200104-0

**POLARIZED LIGHT MICROSCOPY  
ANALYTICAL REPORT**

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 5 of 5

Contact: Mr. Joe McGinley	Samples Indicated: 28	Report No. <b>116918</b>		
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Reg. Samples Analyzed 28 Split Layers Analyzed: 18 Job Site / No. Belvada Apartments BRN003	Date Submitted: Jun-15-11 Date Reported: Jun-17-11		
SAMPLE ID	ASBESTOS %	OTHER DATA 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION	
			FIELD	LAB
BRN003-ACM-25. Lab ID # 9029-00418-025	30-40% Chrysotile	1) 5-10% Cellulose 2) 50-65% Calc, Gyp, Other m.p.  3) 4) Jun-17-11	Pipe TSI, Basement - Boiler Room  TSI-White	
BRN003-ACM-26. Lab ID # 9029-00418-026	40-50% Chrysotile	1) 20-30% Cellulose 2) 20-40% Calc, Gyp, Other m.p.  3) 4) Jun-17-11	Pipe TSI, Basement - Oil Tank Room  TSI-Beige	
BRN003-ACM-27. Lab ID # 9029-00418-027A	None Detected	1) None Detected 2) 99-100% Calc, Qtz, Other m.p.  3) 4) Jun-17-11	Skim Coat/Plaster, Basement - Northeast Corner Large Room - Northwest Corner  Skim Coat-Off-White	
BRN003-ACM-27. Lab ID # 9029-00418-027B	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Qtz, Brck, Other m.p.  3) 4) Jun-17-11	Skim Coat/Plaster, Basement - Northeast Corner Large Room - Northwest Corner  Plaster-Beige	
BRN003-ACM-28. Lab ID # 9029-00418-028A	None Detected	1) None Detected 2) 99-100% Calc, Qtz, Other m.p.  3) 4) Jun-17-11	Skim Coat/Plaster, Basement - Central Room - By Oil Tank Room  Skim Coat-Off-White	
BRN003-ACM-28. Lab ID # 9029-00418-028B	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Qtz, Brck, Other m.p.  3) 4) Jun-17-11	Skim Coat/Plaster, Basement - Central Room - By Oil Tank Room  Plaster-Beige	
Lab ID #		1) 2)		
Lab ID #		3) 4)		
Lab ID #		1) 2)		
Lab ID #		3) 4)		
Lab ID #		1) 2)		
Lab ID #		3) 4)		

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert Analyst Dottie Guilbert  
Dottie Guilbert

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377  
With Main Office in Berkley, CA (510) 704-8930

# McGinley & Associates

Page 1 OF 2

815 Maestri Drive

Reno, NV 89511

Ph: (775) 829 2245

Fax: (775) 829-3213

## \*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY REPORT \*\*\*

Analysis Type:  PLM      Point Count: TEM      Lead:

Turnaround 4 hrs    6 hrs    24 hrs

Job Site: BELVADA APARTMENTS

Job No: BRND03

P.O. #: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Sample number	Location	Description
BRND03-ACM-1	5TH Floor - Southwest Balcony	12x12 VFT Laminate
BRND03-ACM-2	5TH Floor - Southeast Coated	Flooring Split
BRND03-ACM-3	4TH Floor - EAST Side	Laminate Party
BRND03-ACM-4	4TH Floor - West Hall	Ceramic Tile
BRND03-ACM-5	4TH Floor - West Side	9x9" Floor Tile / Black Mastic
BRND03-ACM-6	3RD Floor - West Stairwell	Skim Coat / Painted
BRND03-ACM-7	2nd Floor - North Room	Joint Compound / Drywall
BRND03-ACM-8	2nd Floor - S. Southern Balcony	SHEET Flooring
BRND03-ACM-9	2nd Floor - Room Behind Stairs	STREET Flooring
BRND03-ACM-10	1st Floor - Under Carpet By RNC	Floor Tile / Mastic
BRND03-ACM-11	1st Floor - Southeast Ceiling	Texture / Joint Compound - Drywall
BRND03-ACM-12	1st Floor - Hall n Basement	Joint Compound + Drywall
BRND03-ACM-13	1st Floor - BAR Room By Sofa	Wall Texture / Joint Compound - Old
BRND03-ACM-14	1st Floor - HALL Partition	STREET Flooring
BRND03-ACM-15	1st Floor - Hall Partition	Joint Compound - Drywall
BRND03-ACM-16	1st Floor - West Living Room	Skim Coat / Painted
BRND03-ACM-17	Roof - By Hatch	Slated Asphalt Roofing / Roof
BRND03-ACM-18	Roof - By Hatch	Slate Roof / TPO / Roof
BRND03-ACM-19	Easement - Hard Coated Large Room	Ceiling Insulation
BRND03-ACM-20	Easement - Northwest Corner Large Room	Sheet Flooring / PCP

Special Instructions: \_\_\_\_\_

Relinquished By	Date / Time	Received By	Date / Time
Name/Company <u>Gene E. Johnson/MGJ</u>	6/15/11 2:35PM	Name/Company <u>Sue Ehrlich/ATB</u>	6/15/11 2:35PM
Signature <u>Gene E. Johnson</u>		Signature <u>Sue Ehrlich</u>	
Name/Company		Name/Company	
Signature		Signature	

Send Original to Lab - Keep Yellow Copy

## McGinley & Associates

Fig. 2

815 Maestro Drive Reno, NV 89511 Ph: (775) 829-2245 Fax: (775) 829-2213

Reno, NV 89511

Ph: 17751820-2245

Fax: (773) 829-2213

**\*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY REPORT \*\*\***

Analysis Type: **PIM**

### Point China

130

### Tarot Card Meanings

三

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PERIODS

Job Site: PENNSYLVANIA (43.3 E 7 MILE T.) Job No: BKNW003

2.9.6) \_\_\_\_\_ Contact person: \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

Relinquished By	Date / Time	Received By	Date / Time
Name/Company <u>Grace E. Johnson/MSK</u>	<u>6/15/11</u>	Name/Company <u>Sue Elzey/MSK</u>	<u>6/15/11</u>
Signature <u>Grace E. Johnson</u>	<u>2:35pm</u>	Signature <u>Sue Elzey</u>	<u>2:35pm</u>
Name/Company _____	_____	Name/Company _____	_____
Signature _____	_____	Signature _____	_____

Send Original to Lab - Keep Yellow Copy

## **APPENDIX B**

### **Chain of Custody Records and Laboratory Reports for Paint Samples**

---

**ATOMIC ABSORPTION SPECTROSCOPY  
LEAD PAINT ANALYSIS REPORT**

EPA 3050B (modified) Digestion / EPA 7420 (modified) Analysis Methods

Page: 3 of 4

Contact: Gene Johnson	Samples Submitted:	18	Report No.:	<b>302510</b>
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Samples Analyzed:	18	Date Submitted:	Jun-15-11
	Job Site / No.	Belvada Apartments BRN003	Date Reported:	Jun-21-11
<hr/>				
SAMPLE ID	METAL	SAMPLE RESULT	REPORTING LIMIT	LOCATION / DESCRIPTION
BRN003-PS-1 Lab ID # 1358-00002-001	Pb	8200 mg/kg 0.820 %	45 mg/kg 0.005 %	5th Floor top of stairs - dark cream paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2242
BRN003-PS-2 Lab ID # 1358-00002-002	Pb	6500 mg/kg 0.650 %	40 mg/kg 0.004 %	5th Floor SW window - light cream paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2519
BRN003-PS-3 Lab ID # 1358-00002-003	Pb	2300 mg/kg 0.230 %	41 mg/kg 0.004 %	5th Floor North wall - light green paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2444
BRN003-PS-4 Lab ID # 1358-00002-004	Pb	1200 mg/kg 0.120 %	47 mg/kg 0.005 %	5th Floor SE wall - bright yellow paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2129
BRN003-PS-5 Lab ID # 1358-00002-005	Pb	3100 mg/kg 0.310 %	49 mg/kg 0.005 %	5th Floor SE corner room - blue paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2029
BRN003-PS-6 Lab ID # 1358-00002-006	Pb	18000 mg/kg 1.800 %	50 mg/kg 0.005 %	5th Floor East doorway - bright green paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2014
BRN003-PS-7 Lab ID # 1358-00002-007	Pb	5800 mg/kg 0.580 %	46 mg/kg 0.005 %	5th Floor South wall - white paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2163
BRN003-PS-8 Lab ID # 1358-00002-008	Pb	530 mg/kg 0.053 %	48 mg/kg 0.005 %	5th Floor North wall - salmon paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.207
BRN003-PS-9 Lab ID # 1358-00002-009	Pb	200 mg/kg 0.020 %	44 mg/kg 0.004 %	4th Floor East door frame - brown paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.228
BRN003-PS-10 Lab ID # 1358-00002-010	Pb	2300 mg/kg 0.230 %	45 mg/kg 0.005 %	4th Floor South wall - mint green paint  <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2241

μg - micrograms    1% = 10,000 ppm    1ppm = 1 mg/Kg

Lab QC Reviewer

R. Mark Bailey

Analyst

Jane Zhang

ASBESTOS TEM LABORATORIES, INC.  
[www.asbestostemlabs.com](http://www.asbestostemlabs.com)

630 BANCROFT WAY, BERKELEY, CA 94710  
With Offices in Reno (775) 359-3377

(510) 704-8930

**ATOMIC ABSORPTION SPECTROSCOPY  
LEAD PAINT ANALYSIS REPORT**  
EPA 3050B (modified) Digestion / EPA 7420 (modified) Analysis Methods

Page: 4 of 4

Contact: Gene Johnson	Samples Submitted:	18	Report No.:	302510
Address: McGinley & Associates 815 Maestro Drive Reno, NV 89511	Samples Analyzed:	18	Date Submitted:	Jun-15-11
	Job Site / No.	Belvada Apartments BRN003	Date Reported:	Jun-21-11
<b>SAMPLE ID    METAL    SAMPLE RESULT    REPORTING LIMIT    LOCATION / DESCRIPTION</b>				
BRN003-PS-11 Lab ID # 1358-00002-011	Pb	1900 mg/kg 0.190 %	46 mg/kg 0.005 %	3rd Floor SW corner room - light blue paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2188
BRN003-PS-12 Lab ID # 1358-00002-012	Pb	1000 mg/kg 0.100 %	50 mg/kg 0.005 %	3rd Floor North room - composite of colors <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2002
BRN003-PS-13 Lab ID # 1358-00002-013	Pb	10000 mg/kg 1.000 %	50 mg/kg 0.005 %	3rd Floor West hallway - standard green paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2001
BRN003-PS-14 Lab ID # 1358-00002-014	Pb	3800 mg/kg 0.380 %	43 mg/kg 0.004 %	2nd Floor South room - aqua blue paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.235
BRN003-PS-15 Lab ID # 1358-00002-015	Pb	3000 mg/kg 0.300 %	41 mg/kg 0.004 %	2nd Floor NW corner room - sea blue paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2422
BRN003-PS-16 Lab ID # 1358-00002-016	Pb	5200 mg/kg 0.520 %	49 mg/kg 0.005 %	1st Floor central hall - light brown paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2044
BRN003-PS-17 Lab ID # 1358-00002-017	Pb	1500 mg/kg 0.150 %	50 mg/kg 0.005 %	1st Floor large west entry room - dark green paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2
BRN003-PS-18 Lab ID # 1358-00002-018	Pb	450000 mg/kg 45.000 %	46 mg/kg 0.005 %	Basement NE corner large room under stairs - brown paint <u>Sampling Date</u> Jun-14-11 <u>Analysis Date</u> Jun-21-11 <u>Analyzed Weight (g)</u> 0.2191
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>

µg - micrograms    1% = 10,000 ppm    1ppm = 1 mg/Kg

Lab QC Reviewer \_\_\_\_\_

R. Mark Bailey

Analyst \_\_\_\_\_

Jane Zhang

ASBESTOS TEM LABORATORIES, INC.  
[www.asbestostemlabs.com](http://www.asbestostemlabs.com)

630 BANCROFT WAY, BERKELEY, CA 94710  
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(510) 704-8930

# McGinley & Associates

815 Maestro Drive      Reno, NV 89511      Ph: (775) 829-2245      Fax: (775) 829-2213

## \*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY REPORT \*\*\*

Analysis Type: PLM      Point Count      TEM       Lead

Turnaround: 4-hrs      8-hrs      24-hrs      2-3 Days

Job Site: BELVADA APARTMENTS      Job No: BRN003

P.O. #: \_\_\_\_\_ Contact person: \_\_\_\_\_

Sample number	Location	Description
BRN003-PS-1	5TH Floor-Top of Stairs	DARK CREAM PAINT
BRN003-PS-2	5TH Floor-Southwest Window	Light CREAM PAINT
BRN003-PS-3	5TH Floor -North Wall	Light Green Paint
BRN003-PS-4	5TH Floor -Southeast Wall	Brite Yellow Paint
BRN003-PS-5	5TH Floor-Southeast Corner Room	Blue Paint
BRN003-PS-6	5TH Floor-East Doorway	Brite Green Paint
BRN003-PS-7	5TH Floor -South Wall	White Paint
BRN003-PS-8	5TH Floor - North Wall	Salmon Paint
BRN003-PS-9	4TH Floor-East Door Frame	Brown Paint
BRN003-PS-10	4TH Floor - South Wall	Mint Green Paint
BRN003-PS-11	3RD Floor -Southwest Corner Room	Light Blue Paint
BRN003-PS-12	3rd Floor -North Room	Compo site of Colors
BRN003-PS-13	3rd Floor -West Hallway	STANDARD GREEN PAINT
BRN003-PS-14	2ND Floor -South Room	Aqua Blue Paint
BRN003-PS-15	2ND Floor-Northwest Corner Room	SEA BLUE PAINT
BRN003-PS-16	1ST Floor -Central Hall	Light Brown Paint
BRN003-PS-17	1ST Floor -Large West Entry Room	DARK GREEN PAINT
BRN003-PS-18	Basement -Northeast Corner Large Room Under Stairs	Brown Paint

Special Instructions: \_\_\_\_\_

Relinquished By	Date / Time	Received By	Date / Time
Name/Company Gene E. Johnson/MGA Signature <i>Gene E. Johnson</i>	6-14-11 2:54 PM	Name/Company Dottie Guillbert /AT&T Signature <i>Dottie Guillbert</i>	6.14.11 1454
Name/Company Signature		Name/Company Signature	
06-15-11 A09:08 IN			

Send Original to Lab - Keep Yellow Copy

## **APPENDIX C**

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### **Chain of Custody Records and Laboratory Reports for Air Samples**

Natural Link MOLD LAB

## Analytical Laboratory Report

Fungal Microscopic Exam  
Bioaerosol, non-culturable

Account Name: McGinley & Associates, Inc.

Control ID #: 26117

Project PO: Belvada Apartments / BRN003

Date Received: 06-14-2011

Submitter: Gene Johnson

Date Reported: 06-21-2011

**Sample Identification:** BRN003-AS-1, Main floor by bar; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98277AA70086]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m<sup>3</sup>)</u>
Penicillium/Aspergillus	24	320
Smuts/Myxomycetes	12	160
Cladosporium	10	130
Arthrinium	1	13
Humicola	1	13
Ulocladium	1	13
<b>TOTAL</b>	<b>49</b>	<b>649</b>
<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	Detected	
Fiberglass particles	None Detected	
Total biological particles		3
Total non-biological particles		4

### Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (26117-R01A).

Report #:26117-R01 Analysis Date: 06-21-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director



Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. establishes responsibility over analysis completed in the laboratory but cannot establish responsibility for activities completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.

1

Natural Link MOLD LAB, Inc., 4900 Mill Street, Suite 3, Reno, NV 89502 phone: (775) 356-6653

## Analytical Laboratory Report

Fungal Microscopic Exam  
Bioaerosol, non-culturable

Account Name: McGinley &amp; Associates, Inc.

Control ID #: 26117

Project PO: Belvada Apartments / BRN003

Date Received: 06-14-2011

Submitter: Gene Johnson

Date Reported: 06-21-2011

**Sample Identification:** BRN003-AS-2, Basement center room; Allergenco-D Spore-trap; 30L; 6/3/2011 [S98278AA70087]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m<sup>3</sup>)</u>
Penicillium/Aspergillus	15	500
Cladosporium	8	270
Ascospores	5	170
Basidiospores	5	170
Smuts/Myxomycetes	2	67
Aureobasidium	1	33
Stemphylium	1	33
<b>TOTAL</b>	<b>37</b>	<b>1 243</b>
<b>Other Airborne Particles</b>	<b>Detected /None Detected</b>	<b>Particle Density (1-5)</b>
Hyphal fragments	Detected	
Pollen	None Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	None Detected	
Total biological particles		2
Total non-biological particles		4

**Summary of Findings**

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- Sensitivity: 33 spores/cubic meter.
- See Summary Table (26117-R01A).

Report #:26117-R01 Analysis Date: 06-21-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. establishes responsibility over analysis completed in the laboratory but cannot establish responsibility for activities completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.

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Natural Link MOLD LAB, Inc., 4900 Mill Street, Suite 3, Reno, NV 89502 phone: (775) 356-6653

## Analytical Laboratory Report

Fungal Microscopic Exam  
Bioaerosol, non-culturable

Account Name: McGinley &amp; Associates, Inc.

Control ID #: 26117

Project PO: Belvada Apartments / BRN003

Date Received: 06-14-2011

Submitter: Gene Johnson

Date Reported: 06-21-2011

**Sample Identification:** BRN003-AS-3, Outside west parking area; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98279AA70088]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m<sup>3</sup>)</u>
Aureobasidium	2	27
Smuts/Myxomycetes	1	13
Unidentified conidia	1	13
<b>TOTAL</b>	<b>4</b>	<b>53</b>

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	None Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	None Detected	
Total biological particles		2
Total non-biological particles		2

**Summary of Findings**

- Dominant fungal spores detected on the sample: Aureobasidium.
- Low levels of fungal spores detected on sample.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (26117-R01A).

Report #:26117-R01 Analysis Date: 06-21-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. establishes responsibility over analysis completed in the laboratory but cannot establish responsibility for activities completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.

3

Natural Link MOLD LAB, Inc., 4900 Mill Street, Suite 3, Reno, NV 89502 phone: (775) 356-6653

## Chain-of-Custody Form

Account name McKinley & Associates  
Sampling date 6-3-17  
Project / P.O. BAND03-BELVIAA Agreement

(866) 252-6653  
(866) 252-MOLD

Submitter Gene Johnson

Sampling date 6-31'  
Project / P.O. #RN003-BENAVIA Agreement

(866) 252-MOLD

Phone

(\*) FMF, Fungal Microscopic Examination -- NFME, Non-Fungal Microscopic Exam -- FC, Fungal Culture -- BC, Bacterial Culture -- EC, *E. coli* (coliforme) ID

Submitter's Signature	Date <u>6/14/11</u>	Receiver's Signature	Date <u>6/14/11</u>
Submitter's Signature	Time <u>3:14 am</u>	Time <u>3:15 am</u>	Time <u>(pm)</u>
Submitter's Signature	Date <u>  /  /  </u>	Receiver's Signature	Date <u>  /  /  </u>

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*Natural Link MOLD LAB, Inc. is a Nevada Corporation (Y 40) © 2004*

## **APPENDIX D**

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### **Chain of Custody Records and Laboratory Reports for Soil Samples**



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213  
Date Received : 06/03/11

Job: BRN003

### Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	<b>BRN003-SS-1 Heating Tank Surface</b>				
Lab ID :	MGA11060357-01A TPH-E (DRO)	660	L	10 mg/Kg	06/06/11 06/07/11
Date Sampled	06/02/11 10:30 TPH-E (ORO)	430		10 mg/Kg	06/06/11 06/07/11
Client ID :	<b>BRN003-SS-2 Boiler N Surface</b>				
Lab ID :	MGA11060357-02A TPH-E (DRO)	5,600	L	10 mg/Kg	06/06/11 06/07/11
Date Sampled	06/02/11 10:50 TPH-E (ORO)	1,900		10 mg/Kg	06/06/11 06/07/11
Client ID :	<b>BRN003-SS-3 Boiler S Surface</b>				
Lab ID :	MGA11060357-03A TPH-E (DRO)	2,600	L	100 mg/Kg	06/06/11 06/07/11
Date Sampled	06/02/11 11:05 TPH-E (ORO)	1,400		100 mg/Kg	06/06/11 06/07/11
Client ID :	<b>BRN003-SS-4 Boiler N @ 1.0ft.</b>				
Lab ID :	MGA11060357-04A TPH-E (DRO)	2,100	L	10 mg/Kg	06/06/11 06/07/11
Date Sampled	06/02/11 11:10 TPH-E (ORO)	950		10 mg/Kg	06/06/11 06/07/11
Client ID :	<b>BRN003-SS-5 Boiler E Surface</b>				
Lab ID :	MGA11060357-05A TPH-E (DRO)	78	L	50 mg/Kg	06/06/11 06/07/11
Date Sampled	06/02/11 11:25 TPH-E (ORO)	190		50 mg/Kg	06/06/11 06/07/11

Diesel Range Organics (DRO) C13-C22

L = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.

Oil Range Organics (ORO) C22-C40+

Sample results were calculated on a wet weight basis.

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

6/10/11

Report Date



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
 815 Maestro Drive  
 Reno, NV 89511  
 Job: BRN003

Attn: Tracy Johnston  
 Phone: (775) 829-2245  
 Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-02A  
 Client I.D. Number: BRN003-SS-2 Boiler N Surface

Sampled: 06/02/11 10:50  
 Received: 06/03/11  
 Extracted: 06/14/11  
 Analyzed: 06/14/11

### Volatile Organics by GC/MS EPA Method SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	200 µg/Kg	36 m,p-Xylene	ND	100 µg/Kg
2 Chloromethane	ND	800 µg/Kg	37 Bromoform	ND	200 µg/Kg
3 Vinyl chloride	ND	200 µg/Kg	38 Styrene	ND	200 µg/Kg
4 Chloroethane	ND	200 µg/Kg	39 o-Xylene	200	100 µg/Kg
5 Bromomethane	ND	800 µg/Kg	40 1,1,2,2-Tetrachloroethane	ND	200 µg/Kg
6 Trichlorofluoromethane	ND	200 µg/Kg	41 1,2,3-Trichloropropane	ND	800 µg/Kg
7 1,1-Dichloroethene	ND	200 µg/Kg	42 Isopropylbenzene	ND	200 µg/Kg
8 Dichloromethane	ND	800 µg/Kg	43 Bromobenzene	ND	200 µg/Kg
9 trans-1,2-Dichloroethene	ND	200 µg/Kg	44 n-Propylbenzene	1,000	200 µg/Kg
10 Methyl tert-butyl ether (MTBE)	ND	100 µg/Kg	45 4-Chlorotoluene	ND	200 µg/Kg
11 1,1-Dichloroethane	ND	200 µg/Kg	46 2-Chlorotoluene	210	200 µg/Kg
12 cis-1,2-Dichloroethene	ND	200 µg/Kg	47 1,3,5-Trimethylbenzene	690	200 µg/Kg
13 Bromochloromethane	ND	200 µg/Kg	48 tert-Butylbenzene	ND	200 µg/Kg
14 Chloroform	ND	200 µg/Kg	49 1,2,4-Trimethylbenzene	820	200 µg/Kg
15 2,2-Dichloropropane	ND	200 µg/Kg	50 sec-Butylbenzene	ND	200 µg/Kg
16 1,2-Dichloroethane	ND	200 µg/Kg	51 1,3-Dichlorobenzene	ND	200 µg/Kg
17 1,1,1-Trichloroethane	ND	200 µg/Kg	52 1,4-Dichlorobenzene	ND	200 µg/Kg
18 1,1-Dichloropropene	ND	200 µg/Kg	53 4-Isopropyltoluene	440	200 µg/Kg
19 Carbon tetrachloride	ND	200 µg/Kg	54 1,2-Dichlorobenzene	ND	200 µg/Kg
20 Benzene	ND	100 µg/Kg	55 n-Butylbenzene	250	200 µg/Kg
21 Dibromomethane	ND	200 µg/Kg	56 1,2-Dibromo-3-chloropropane (DBCP)	ND	1,200 µg/Kg
22 1,2-Dichloropropane	ND	200 µg/Kg	57 1,2,4-Trichlorobenzene	ND	800 µg/Kg
23 Trichloroethene	ND	200 µg/Kg	58 Naphthalene	ND	800 µg/Kg
24 Bromodichloromethane	ND	200 µg/Kg	59 Hexachlorobutadiene	ND	800 µg/Kg
25 cis-1,3-Dichloropropene	ND	200 µg/Kg	60 1,2,3-Trichlorobenzene	ND	800 µg/Kg
26 trans-1,3-Dichloropropene	ND	200 µg/Kg			
27 1,1,2-Trichloroethane	ND	200 µg/Kg			
28 Toluene	ND	100 µg/Kg			
29 1,3-Dichloropropane	ND	200 µg/Kg			
30 Dibromochloromethane	ND	200 µg/Kg			
31 1,2-Dibromoethane (EDB)	ND	800 µg/Kg			
32 Tetrachloroethene	ND	200 µg/Kg			
33 1,1,1,2-Tetrachloroethane	ND	200 µg/Kg			
34 Chlorobenzene	ND	200 µg/Kg			
35 Ethylbenzene	ND	100 µg/Kg			

Reporting Limits were increased due to high concentrations of target analytes.

Sample results were calculated on a wet weight basis.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
 Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

6/17/11

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-02A  
Client I.D. Number: BRN003-SS-2 Boiler N Surface

Sampled: 06/02/11 10:50  
Received: 06/03/11  
Extracted: 06/10/11 12:15  
Analyzed: 06/13/11

### Semivolatile Organics by GC/MS (SIM) EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	6,900	2,500 µg/Kg
2	Acenaphthylene	ND	2,500 µg/Kg
3	Acenaphthene	ND	2,500 µg/Kg
4	Fluorene	4,000	2,500 µg/Kg
5	Phenanthrene	8,500	2,500 µg/Kg
6	Anthracene	ND	2,500 µg/Kg
7	Fluoranthene	ND	2,500 µg/Kg
8	Pyrene	2,800	2,500 µg/Kg
9	Benzo(a)anthracene	ND	2,500 µg/Kg
10	Chrysene	ND	2,500 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	5,000 µg/Kg
12	Benzo(a)pyrene	ND	2,500 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	2,500 µg/Kg
14	Dibenz(a,h)anthracene	ND	2,500 µg/Kg
15	Benzo(g,h,i)perylene	ND	2,500 µg/Kg

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.  
Reporting Limits were increased due to high concentrations of target analytes.

Sample results were calculated on a wet weight basis.  
ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

6/14/11

Report Date

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Page 1 of 1



# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-03A  
Client I.D. Number: BRN003-SS-3 Boiler S Surface

Sampled: 06/02/11 11:05  
Received: 06/03/11  
Extracted: 06/10/11 12:15  
Analyzed: 06/14/11

### Semivolatile Organics by GC/MS (SIM) EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	57	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	200	25 µg/Kg
6	Anthracene	35	25 µg/Kg
7	Fluoranthene	310	25 µg/Kg
8	Pyrene	270	25 µg/Kg
9	Benzo(a)anthracene	160	25 µg/Kg
10	Chrysene	160	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	190	50 µg/Kg
12	Benzo(a)pyrene	140	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	71	25 µg/Kg
14	Dibenz(a,h)anthracene	26	25 µg/Kg
15	Benzo(g,h,i)perylene	90	25 µg/Kg

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.  
ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

Report Date

6/17/11

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-04A  
Client I.D. Number: BRN003-SS-4 Boiler N @ 1.0ft.

Sampled: 06/02/11 11:10  
Received: 06/03/11  
Extracted: 06/10/11 12:15  
Analyzed: 06/13/11

### Semivolatile Organics by GC/MS (SIM) EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	2,500 µg/Kg
2	Acenaphthylene	ND	2,500 µg/Kg
3	Acenaphthene	ND	2,500 µg/Kg
4	Fluorene	ND	2,500 µg/Kg
5	Phenanthrene	ND	2,500 µg/Kg
6	Anthracene	ND	2,500 µg/Kg
7	Fluoranthene	ND	2,500 µg/Kg
8	Pyrene	ND	2,500 µg/Kg
9	Benzo(a)anthracene	ND	2,500 µg/Kg
10	Chrysene	ND	2,500 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	5,000 µg/Kg
12	Benzo(a)pyrene	ND	2,500 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	2,500 µg/Kg
14	Dibenz(a,h)anthracene	ND	2,500 µg/Kg
15	Benzo(g,h,i)perylene	ND	2,500 µg/Kg

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.  
Reporting Limits were increased due to high concentrations of target analytes.

Sample results were calculated on a wet weight basis.  
ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

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6/17/11

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-05A  
Client I.D. Number: BRN003-SS-5 Boiler E Surface

Sampled: 06/02/11 11:25  
Received: 06/03/11  
Extracted: 06/10/11 12:15  
Analyzed: 06/14/11

### Semivolatile Organics by GC/MS (SIM) EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	98	25 µg/Kg
6	Anthracene	26	25 µg/Kg
7	Fluoranthene	150	25 µg/Kg
8	Pyrene	130	25 µg/Kg
9	Benzo(a)anthracene	96	25 µg/Kg
10	Chrysene	100	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	140	50 µg/Kg
12	Benzo(a)pyrene	120	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	57	25 µg/Kg
14	Dibenz(a,h)anthracene	28	25 µg/Kg
15	Benzo(g,h,i)perylene	71	25 µg/Kg

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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## ANALYTICAL REPORT

McGinley & Associates, Inc.  
 815 Maestro Drive  
 Reno, NV 89511  
 Job: BRN003

Attn: Tracy Johnston  
 Phone: (775) 829-2245  
 Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-01A

Client I.D. Number: BRN003-SS-1 Heating Tank Surface

Sampled: 06/02/11 10:30

Received: 06/03/11

Extracted: 06/14/11

Analyzed: 06/14/11

### Volatile Organics by GC/MS EPA Method SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	40 µg/Kg	36 m,p-Xylene	ND	20 µg/Kg
2 Chloromethane	ND	160 µg/Kg	37 Bromoform	ND	40 µg/Kg
3 Vinyl chloride	ND	40 µg/Kg	38 Styrene	ND	40 µg/Kg
4 Chloroethane	ND	40 µg/Kg	39 o-Xylene	ND	20 µg/Kg
5 Bromomethane	ND	160 µg/Kg	40 1,1,2,2-Tetrachloroethane	ND	40 µg/Kg
6 Trichlorodifluoromethane	ND	40 µg/Kg	41 1,2,3-Trichloropropane	ND	160 µg/Kg
7 1,1-Dichloroethene	ND	40 µg/Kg	42 Isopropylbenzene	ND	40 µg/Kg
8 Dichloromethane	ND	160 µg/Kg	43 Bromobenzene	ND	40 µg/Kg
9 trans-1,2-Dichloroethene	ND	40 µg/Kg	44 n-Propylbenzene	ND	40 µg/Kg
10 Methyl tert-butyl ether (MTBE)	ND	20 µg/Kg	45 4-Chlorotoluene	ND	40 µg/Kg
11 1,1-Dichloroethane	ND	40 µg/Kg	46 2-Chlorotoluene	ND	40 µg/Kg
12 cis-1,2-Dichloroethene	ND	40 µg/Kg	47 1,3,5-Trimethylbenzene	ND	40 µg/Kg
13 Bromochloromethane	ND	40 µg/Kg	48 tert-Butylbenzene	ND	40 µg/Kg
14 Chloroform	ND	40 µg/Kg	49 1,2,4-Trimethylbenzene	ND	40 µg/Kg
15 2,2-Dichloropropane	ND	40 µg/Kg	50 sec-Butylbenzene	ND	40 µg/Kg
16 1,2-Dichloroethane	ND	40 µg/Kg	51 1,3-Dichlorobenzene	ND	40 µg/Kg
17 1,1,1-Trichloroethane	ND	40 µg/Kg	52 1,4-Dichlorobenzene	ND	40 µg/Kg
18 1,1-Dichloropropene	ND	40 µg/Kg	53 4-Isopropyltoluene	ND	40 µg/Kg
19 Carbon tetrachloride	ND	40 µg/Kg	54 1,2-Dichlorobenzene	ND	40 µg/Kg
20 Benzene	ND	20 µg/Kg	55 n-Butylbenzene	ND	40 µg/Kg
21 Dibromomethane	ND	40 µg/Kg	56 1,2-Dibromo-3-chloropropane (DBCP)	ND	240 µg/Kg
22 1,2-Dichloropropane	ND	40 µg/Kg	57 1,2,4-Trichlorobenzene	ND	160 µg/Kg
23 Trichloroethene	ND	40 µg/Kg	58 Naphthalene	ND	160 µg/Kg
24 Bromodichloromethane	ND	40 µg/Kg	59 Hexachlorobutadiene	ND	160 µg/Kg
25 cis-1,3-Dichloropropene	ND	40 µg/Kg	60 1,2,3-Trichlorobenzene	ND	160 µg/Kg
26 trans-1,3-Dichloropropene	ND	40 µg/Kg			
27 1,1,2-Trichloroethane	ND	40 µg/Kg			
28 Toluene	ND	20 µg/Kg			
29 1,3-Dichloropropane	ND	40 µg/Kg			
30 Dibromochloromethane	ND	40 µg/Kg			
31 1,2-Dibromoethane (EDB)	ND	160 µg/Kg			
32 Tetrachloroethene	ND	40 µg/Kg			
33 1,1,1,2-Tetrachloroethane	ND	40 µg/Kg			
34 Chlorobenzene	ND	40 µg/Kg			
35 Ethylbenzene	ND	20 µg/Kg			

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
 Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

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✓  
 6/17/11

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-03A  
Client I.D. Number: BRN003-SS-3 Boiler S Surface

Sampled: 06/02/11 11:05  
Received: 06/03/11  
Extracted: 06/14/11  
Analyzed: 06/14/11

### Volatile Organics by GC/MS EPA Method SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	40 µg/Kg	36 m,p-Xylene	ND	20 µg/Kg
2 Chloromethane	ND	160 µg/Kg	37 Bromoform	ND	40 µg/Kg
3 Vinyl chloride	ND	40 µg/Kg	38 Styrene	ND	40 µg/Kg
4 Chloroethane	ND	40 µg/Kg	39 o-Xylene	ND	20 µg/Kg
5 Bromomethane	ND	160 µg/Kg	40 1,1,2-Tetrachloroethane	ND	40 µg/Kg
6 Trichlorofluoromethane	ND	40 µg/Kg	41 1,2,3-Trichloropropane	ND	160 µg/Kg
7 1,1-Dichloroethene	ND	40 µg/Kg	42 Isopropylbenzene	ND	40 µg/Kg
8 Dichloromethane	ND	160 µg/Kg	43 Bromobenzene	ND	40 µg/Kg
9 trans-1,2-Dichloroethene	ND	40 µg/Kg	44 n-Propylbenzene	ND	40 µg/Kg
10 Methyl tert-butyl ether (MTBE)	ND	20 µg/Kg	45 4-Chlorotoluene	ND	40 µg/Kg
11 1,1-Dichloroethane	ND	40 µg/Kg	46 2-Chlorotoluene	ND	40 µg/Kg
12 cis-1,2-Dichloroethene	ND	40 µg/Kg	47 1,3,5-Trimethylbenzene	ND	40 µg/Kg
13 Bromochloromethane	ND	40 µg/Kg	48 tert-Butylbenzene	ND	40 µg/Kg
14 Chloroform	ND	40 µg/Kg	49 1,2,4-Trimethylbenzene	ND	40 µg/Kg
15 2,2-Dichloropropane	ND	40 µg/Kg	50 sec-Butylbenzene	ND	40 µg/Kg
16 1,2-Dichloroethane	ND	40 µg/Kg	51 1,3-Dichlorobenzene	ND	40 µg/Kg
17 1,1,1-Trichloroethane	ND	40 µg/Kg	52 1,4-Dichlorobenzene	ND	40 µg/Kg
18 1,1-Dichloropropene	ND	40 µg/Kg	53 4-Isopropyltoluene	ND	40 µg/Kg
19 Carbon tetrachloride	ND	40 µg/Kg	54 1,2-Dichlorobenzene	ND	40 µg/Kg
20 Benzene	ND	20 µg/Kg	55 n-Butylbenzene	ND	40 µg/Kg
21 Dibromomethane	ND	40 µg/Kg	56 1,2-Dibromo-3-chloropropane (DBCP)	ND	240 µg/Kg
22 1,2-Dichloropropane	ND	40 µg/Kg	57 1,2,4-Trichlorobenzene	ND	160 µg/Kg
23 Trichloroethene	ND	40 µg/Kg	58 Naphthalene	ND	160 µg/Kg
24 Bromodichloromethane	ND	40 µg/Kg	59 Hexachlorobutadiene	ND	160 µg/Kg
25 cis-1,3-Dichloropropene	ND	40 µg/Kg	60 1,2,3-Trichlorobenzene	ND	160 µg/Kg
26 trans-1,3-Dichloropropene	ND	40 µg/Kg			
27 1,1,2-Trichloroethane	ND	40 µg/Kg			
28 Toluene	ND	20 µg/Kg			
29 1,3-Dichloropropane	ND	40 µg/Kg			
30 Dibromochloromethane	ND	40 µg/Kg			
31 1,2-Dibromoethane (EDB)	ND	160 µg/Kg			
32 Tetrachloroethene	ND	40 µg/Kg			
33 1,1,1,2-Tetrachloroethane	ND	40 µg/Kg			
34 Chlorobenzene	ND	40 µg/Kg			
35 Ethylbenzene	ND	20 µg/Kg			

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

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6/17/11

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-04A  
Client I.D. Number: BRN003-SS-4 Boiler N @ 1.0ft.

Sampled: 06/02/11 11:10  
Received: 06/03/11  
Extracted: 06/14/11  
Analyzed: 06/14/11

### Volatile Organics by GC/MS EPA Method SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	80 µg/Kg	36 m,p-Xylene	ND	40 µg/Kg
2 Chloromethane	ND	320 µg/Kg	37 Bromoform	ND	80 µg/Kg
3 Vinyl chloride	ND	80 µg/Kg	38 Styrene	ND	80 µg/Kg
4 Chloroethane	ND	80 µg/Kg	39 o-Xylene	ND	40 µg/Kg
5 Bromomethane	ND	320 µg/Kg	40 1,1,2,2-Tetrachloroethane	ND	80 µg/Kg
6 Trichlorofluoromethane	ND	80 µg/Kg	41 1,2,3-Trichloropropane	ND	320 µg/Kg
7 1,1-Dichloroethene	ND	80 µg/Kg	42 Isopropylbenzene	ND	80 µg/Kg
8 Dichloromethane	ND	320 µg/Kg	43 Bromobenzene	ND	80 µg/Kg
9 trans-1,2-Dichloroethene	ND	80 µg/Kg	44 n-Propylbenzene	ND	80 µg/Kg
10 Methyl tert-butyl ether (MTBE)	ND	40 µg/Kg	45 4-Chlorotoluene	ND	80 µg/Kg
11 1,1-Dichloroethane	ND	80 µg/Kg	46 2-Chlorotoluene	ND	80 µg/Kg
12 cis-1,2-Dichloroethene	ND	80 µg/Kg	47 1,3,5-Trimethylbenzene	ND	80 µg/Kg
13 Bromochloromethane	ND	80 µg/Kg	48 tert-Butylbenzene	ND	80 µg/Kg
14 Chloroform	ND	80 µg/Kg	49 1,2,4-Trimethylbenzene	ND	80 µg/Kg
15 2,2-Dichloropropane	ND	80 µg/Kg	50 sec-Butylbenzene	ND	80 µg/Kg
16 1,2-Dichloroethane	ND	80 µg/Kg	51 1,3-Dichlorobenzene	ND	80 µg/Kg
17 1,1,1-Trichloroethane	ND	80 µg/Kg	52 1,4-Dichlorobenzene	ND	80 µg/Kg
18 1,1-Dichloropropene	ND	80 µg/Kg	53 4-Isopropyltoluene	ND	80 µg/Kg
19 Carbon tetrachloride	ND	80 µg/Kg	54 1,2-Dichlorobenzene	ND	80 µg/Kg
20 Benzene	ND	40 µg/Kg	55 n-Butylbenzene	ND	80 µg/Kg
21 Dibromomethane	ND	80 µg/Kg	56 1,2-Dibromo-3-chloropropane (DBCP)	ND	480 µg/Kg
22 1,2-Dichloropropane	ND	80 µg/Kg	57 1,2,4-Trichlorobenzene	ND	320 µg/Kg
23 Trichloroethene	ND	80 µg/Kg	58 Naphthalene	ND	320 µg/Kg
24 Bromodichloromethane	ND	80 µg/Kg	59 Hexachlorobutadiene	ND	320 µg/Kg
25 cis-1,3-Dichloropropene	ND	80 µg/Kg	60 1,2,3-Trichlorobenzene	ND	320 µg/Kg
26 trans-1,3-Dichloropropene	ND	80 µg/Kg			
27 1,1,2-Trichloroethane	ND	80 µg/Kg			
28 Toluene	ND	40 µg/Kg			
29 1,3-Dichloropropane	ND	80 µg/Kg			
30 Dibromochloromethane	ND	80 µg/Kg			
31 1,2-Dibromoethane (EDB)	ND	320 µg/Kg			
32 Tetrachloroethene	ND	80 µg/Kg			
33 1,1,1,2-Tetrachloroethane	ND	80 µg/Kg			
34 Chlorobenzene	ND	80 µg/Kg			
35 Ethylbenzene	ND	40 µg/Kg			

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.

ND = Not Detected

*Roger Scholl*   *Randy Gardner*   *Walter Hinman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinman, Quality Assurance Officer  
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Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
Phone: (775) 829-2245  
Fax: (775) 829-2213

Alpha Analytical Number: MGA11060357-05A  
Client I.D. Number: BRN003-SS-5 Boiler E Surface

Sampled: 06/02/11 11:25  
Received: 06/03/11  
Extracted: 06/14/11  
Analyzed: 06/14/11

### Volatile Organics by GC/MS EPA Method SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	40 µg/Kg	36 m,p-Xylene	ND	20 µg/Kg
2 Chloromethane	ND	160 µg/Kg	37 Bromoform	ND	40 µg/Kg
3 Vinyl chloride	ND	40 µg/Kg	38 Styrene	ND	40 µg/Kg
4 Chloroethane	ND	40 µg/Kg	39 o-Xylene	ND	20 µg/Kg
5 Bromomethane	ND	160 µg/Kg	40 1,1,2,2-Tetrachloroethane	ND	40 µg/Kg
6 Trichlorofluoromethane	ND	40 µg/Kg	41 1,2,3-Trichloropropane	ND	160 µg/Kg
7 1,1-Dichloroethene	ND	40 µg/Kg	42 Isopropylbenzene	ND	40 µg/Kg
8 Dichloromethane	ND	160 µg/Kg	43 Bromobenzene	ND	40 µg/Kg
9 trans-1,2-Dichloroethene	ND	40 µg/Kg	44 n-Propylbenzene	ND	40 µg/Kg
10 Methyl tert-butyl ether (MTBE)	ND	20 µg/Kg	45 4-Chlorotoluene	ND	40 µg/Kg
11 1,1-Dichloroethane	ND	40 µg/Kg	46 2-Chlorotoluene	ND	40 µg/Kg
12 cis-1,2-Dichloroethene	ND	40 µg/Kg	47 1,3,5-Trimethylbenzene	ND	40 µg/Kg
13 Bromochloromethane	ND	40 µg/Kg	48 tert-Butylbenzene	ND	40 µg/Kg
14 Chloroform	ND	40 µg/Kg	49 1,2,4-Trimethylbenzene	ND	40 µg/Kg
15 2,2-Dichloropropane	ND	40 µg/Kg	50 sec-Butylbenzene	ND	40 µg/Kg
16 1,2-Dichloroethane	ND	40 µg/Kg	51 1,3-Dichlorobenzene	ND	40 µg/Kg
17 1,1,1-Trichloroethane	ND	40 µg/Kg	52 1,4-Dichlorobenzene	ND	40 µg/Kg
18 1,1-Dichloropropene	ND	40 µg/Kg	53 4-Isopropyltoluene	ND	40 µg/Kg
19 Carbon tetrachloride	ND	40 µg/Kg	54 1,2-Dichlorobenzene	ND	40 µg/Kg
20 Benzene	ND	20 µg/Kg	55 n-Butylbenzene	ND	40 µg/Kg
21 Dibromomethane	ND	40 µg/Kg	56 1,2-Dibromo-3-chloropropane (DBCP)	ND	240 µg/Kg
22 1,2-Dichloropropane	ND	40 µg/Kg	57 1,2,4-Trichlorobenzene	ND	160 µg/Kg
23 Trichloroethene	ND	40 µg/Kg	58 Naphthalene	ND	160 µg/Kg
24 Bromodichloromethane	ND	40 µg/Kg	59 Hexachlorobutadiene	ND	160 µg/Kg
25 cis-1,3-Dichloropropene	ND	40 µg/Kg	60 1,2,3-Trichlorobenzene	ND	160 µg/Kg
26 trans-1,3-Dichloropropene	ND	40 µg/Kg			
27 1,1,2-Trichloroethane	ND	40 µg/Kg			
28 Toluene	ND	20 µg/Kg			
29 1,3-Dichloropropane	ND	40 µg/Kg			
30 Dibromochloromethane	ND	40 µg/Kg			
31 1,2-Dibromoethane (EDB)	ND	160 µg/Kg			
32 Tetrachloroethene	ND	40 µg/Kg			
33 1,1,1,2-Tetrachloroethane	ND	40 µg/Kg			
34 Chlorobenzene	ND	40 µg/Kg			
35 Ethylbenzene	ND	20 µg/Kg			

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.

ND = Not Detected

*Roger Scholl*    *Randy Gardner*    *Walter Hinckman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinckman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

*6/17/11*

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
16-Jun-2011

Work Order:  
11060357

## QC Summary Report

Method Blank		Type	MBLK	Test Code: EPA Method SW8270C						
File ID: 11061303.D					Batch ID: 26704		Analysis Date: 06/13/2011 17:31			
Sample ID:	MBLK-26704	Units : µg/Kg	Run ID: MSD_16_110610A					Prep Date:	06/10/2011 12:15	
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)	Qual
Naphthalene		ND	25							
Acenaphthylene		ND	25							
Acenaphthene		ND	25							
Fluorene		ND	25							
Phenanthrene		ND	25							
Anthracene		ND	25							
Fluoranthene		ND	25							
Pyrene		ND	25							
Benzo(a)anthracene		ND	25							
Chrysene		ND	25							
Benzo(b&k)fluoranthene, isomeric pair		ND	50							
Benzo(a)pyrene		ND	25							
Indeno(1,2,3-cd)pyrene		ND	25							
Dibenz(a,h)anthracene		ND	25							
Benzo(g,h,i)perylene		ND	25							
Surr: 2-Fluorobiphenyl		286		312.5		91	54	130		
Surr: 4-Terphenyl-d14		271		312.5		87	24	145		
Laboratory Control Spike		Type	LCS	Test Code: EPA Method SW8270C						
File ID: 11061304.D					Batch ID: 26704		Analysis Date: 06/13/2011 17:53			
Sample ID:	LCS-26704	Units : µg/Kg	Run ID: MSD_16_110610A					Prep Date:	06/10/2011 12:15	
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)	Qual
Acenaphthene		383	25	312.5		123	53	130		
Pyrene		342	25	312.5		110	26	137		
Surr: 2-Fluorobiphenyl		307		312.5		98	54	130		
Surr: 4-Terphenyl-d14		293		312.5		94	24	145		
Sample Matrix Spike		Type	MS	Test Code: EPA Method SW8270C						
File ID: 11061313.D					Batch ID: 26704		Analysis Date: 06/13/2011 22:05			
Sample ID:	11061026-02AMS	Units : µg/Kg	Run ID: MSD_16_110610A					Prep Date:	06/10/2011 12:15	
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)	Qual
Acenaphthene		328	25	312.5		0	105	26	142	M3 M4
Pyrene		5510	25	312.5	6399	-290	5	154		M3 M4
Surr: 2-Fluorobiphenyl		253		312.5		81	54	130		S50
Surr: 4-Terphenyl-d14		225		312.5		72	24	145		S50
Sample Matrix Spike Duplicate		Type	MSD	Test Code: EPA Method SW8270C						
File ID: 11061314.D					Batch ID: 26704		Analysis Date: 06/13/2011 22:27			
Sample ID:	11061026-02AMSD	Units : µg/Kg	Run ID: MSD_16_110610A					Prep Date:	06/10/2011 12:15	
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)	Qual
Acenaphthene		351	25	312.5		0	112	26	142	327.6 6.9(38) M3 M4
Pyrene		3630	25	312.5	6399	-890	5	154	5506 41.0(50)	M3 M4
Surr: 2-Fluorobiphenyl		270		312.5		86	54	130		S50
Surr: 4-Terphenyl-d14		220		312.5		70	24	145		S50

**Comments:**

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample recovery was acceptable.

M3 = The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to the spike level. The method control sample recovery was acceptable.

M4 = The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
17-Jun-11

Work Order:  
11060357

## QC Summary Report

Method Blank	Type: MBLK	Test Code: EPA Method SW8260B				
File ID: 11061410.D		Batch ID: MS08S6707A			Analysis Date: 06/14/2011 13:09	
Sample ID: MBLK MS08S6707A	Units : µg/Kg	Run ID: MSD_08_110614B		Prep Date: 06/14/2011 13:09		
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)
Dichlorodifluoromethane	ND	20				
Chloromethane	ND	40				
Vinyl chloride	ND	20				
Chloroethane	ND	20				
Bromomethane	ND	40				
Trichlorofluoromethane	ND	20				
1,1-Dichloroethene	ND	20				
Dichloromethane	ND	40				
trans-1,2-Dichloroethene	ND	20				
Methyl tert-butyl ether (MTBE)	ND	20				
1,1-Dichloroethane	ND	20				
cis-1,2-Dichloroethene	ND	20				
Bromochloromethane	ND	20				
Chloroform	ND	20				
2,2-Dichloropropane	ND	20				
1,2-Dichloroethane	ND	20				
1,1,1-Trichloroethane	ND	20				
1,1-Dichloropropene	ND	20				
Carbon tetrachloride	ND	20				
Benzene	ND	20				
Dibromomethane	ND	20				
1,2-Dichloropropene	ND	20				
Trichloroethene	ND	20				
Bromodichloromethane	ND	20				
cis-1,3-Dichloropropene	ND	20				
trans-1,3-Dichloropropene	ND	20				
1,1,2-Trichloroethane	ND	20				
Toluene	ND	20				
1,3-Dichloropropane	ND	20				
Dibromochloromethane	ND	20				
1,2-Dibromoethane (EDB)	ND	40				
Tetrachloroethene	ND	20				
1,1,1,2-Tetrachloroethane	ND	20				
Chlorobenzene	ND	20				
Ethylbenzene	ND	20				
m,p-Xylene	ND	20				
Bromoform	ND	20				
Styrene	ND	20				
o-Xylene	ND	20				
1,1,2,2-Tetrachloroethane	ND	20				
1,2,3-Trichloropropane	ND	40				
Isopropylbenzene	ND	20				
Bromobenzene	ND	20				
n-Propylbenzene	ND	20				
4-Chlorotoluene	ND	20				
2-Chlorotoluene	ND	20				
1,3,5-Trimethylbenzene	ND	20				
tert-Butylbenzene	ND	20				
1,2,4-Trimethylbenzene	ND	20				
sec-Butylbenzene	ND	20				
1,3-Dichlorobenzene	ND	20				
1,4-Dichlorobenzene	ND	20				
4-Isopropyltoluene	ND	20				
1,2-Dichlorobenzene	ND	20				
n-Butylbenzene	ND	20				
1,2-Dibromo-3-chloropropane (DBCP)	ND	60				
1,2,4-Trichlorobenzene	ND	40				
Naphthalene	ND	40				
Hexachlorobutadiene	ND	40				
1,2,3-Trichlorobenzene	ND	40				
Surr: 1,2-Dichloroethane-d4	180		90	70	130	
Surr: Toluene-d8	254		200	127	70	130
Surr: 4-Bromofluorobenzene	176		200	88	70	130



# Alpha Analytical, Inc.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
10-Jun-11

Work Order:  
11060357

## QC Summary Report

Method Blank		Type MBLK	Test Code: EPA Method SW8015B/C Ext						
File ID: 7A06031145.D					Batch ID: 26676	Analysis Date: 06/07/2011 12:08			
Sample ID:	MBLK-26676	Units : mg/Kg	Run ID: FID_7_110606A		Prep Date: 06/06/2011 11:10				
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)
TPH-E (DRO)		ND		10					
TPH-E (ORO)		ND		10					
Surr: Nonane		7.8		6	130	62	161		
Laboratory Control Spike		Type LCS	Test Code: EPA Method SW8015B/C Ext						
File ID: 7A06031146.D					Batch ID: 26676	Analysis Date: 06/07/2011 12:34			
Sample ID:	LCS-26676	Units : mg/Kg	Run ID: FID_7_110606A		Prep Date: 06/06/2011 11:10				
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)
TPH-E (DRO)		93.9		5	100	94	70	130	
Surr: Nonane		7.7		6	128	62	161		
Sample Matrix Spike		Type MS	Test Code: EPA Method SW8015B/C Ext						
File ID: 7A06031157.D					Batch ID: 26676	Analysis Date: 06/07/2011 17:24			
Sample ID:	11060354-10AMS	Units : mg/Kg	Run ID: FID_7_110606A		Prep Date: 06/06/2011 11:10				
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)
TPH-E (DRO)		101		5	100	0	101	50	149
Surr: Nonane		7.78		6	130	62	161		
Sample Matrix Spike Duplicate		Type MSD	Test Code: EPA Method SW8015B/C Ext						
File ID: 7A06031158.D					Batch ID: 26676	Analysis Date: 06/07/2011 17:51			
Sample ID:	11060354-10AMSD	Units : mg/Kg	Run ID: FID_7_110606A		Prep Date: 06/06/2011 11:10				
Analyte		Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal %RPD(Limit)
TPH-E (DRO)		102		5	100	0	102	50	149
Surr: Nonane		7.74		6	129	62	161	100.9	1.2(46)

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
17-Jun-11

## QC Summary Report

Work Order:  
11060357

Laboratory Control Spike		Type: LCS	Test Code: EPA Method SW8260B								
Sample ID:	File ID: 11061411.D	Units : µg/Kg	Batch ID: MS08S6707A			Analysis Date: 06/14/2011 13:32					
Analyte	Result	PQL	Run ID: MSD_08_110614B	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	107	20	400	27	10	132					
Methyl tert-butyl ether (MTBE)	350	10	400	87	61	147					
Benzene	375	10	400	94	70	138					
Trichloroethene	367	20	400	92	70	150					
Toluene	422	10	400	105	70	137					
Chlorobenzene	419	20	400	105	10	137					
Ethylbenzene	445	10	400	111	70	138					
m,p-Xylene	405	10	400	101	70	145					
o-Xylene	394	10	400	98	70	145					
Surr: 1,2-Dichloroethane-d4	398		400	99	70	130					
Surr: Toluene-d8	422		400	106	70	130					
Surr: 4-Bromofluorobenzene	432		400	108	70	130					
Sample Matrix Spike		Type: MS	Test Code: EPA Method SW8260B								
Sample ID:	File ID: 11061607.D	Units : µg/Kg	Batch ID: MS08S6707A			Analysis Date: 06/16/2011 12:27					
Analyte	Result	PQL	Run ID: MSD_08_110614B	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	161	20	400	0	40	10	132				
Methyl tert-butyl ether (MTBE)	274	10	400	0	69	42	157				
Benzene	311	10	400	0	78	53	150				
Trichloroethene	318	20	400	0	79	48	165				
Toluene	351	10	400	0	88	51	149				
Chlorobenzene	346	20	400	0	87	51	147				
Ethylbenzene	371	10	400	0	93	54	150				
m,p-Xylene	343	10	400	0	86	50	161				
o-Xylene	325	10	400	0	81	35	177				
Surr: 1,2-Dichloroethane-d4	371		400	93	70	130					
Surr: Toluene-d8	420		400	105	70	130					
Surr: 4-Bromofluorobenzene	442		400	111	70	130					
Sample Matrix Spike Duplicate		Type: MSD	Test Code: EPA Method SW8260B								
Sample ID:	File ID: 11061608.D	Units : µg/Kg	Batch ID: MS08S6707A			Analysis Date: 06/16/2011 12:51					
Analyte	Result	PQL	Run ID: MSD_08_110614B	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	132	20	400	0	33	10	132	160.8	19.3(40)		
Methyl tert-butyl ether (MTBE)	306	10	400	0	76	42	157	274.4	10.8(32)		
Benzene	342	10	400	0	85	53	150	311.2	9.3(26)		
Trichloroethene	348	20	400	0	87	48	165	317.9	8.9(26)		
Toluene	391	10	400	0	98	51	149	350.8	11.0(26)		
Chlorobenzene	383	20	400	0	96	51	147	346.4	9.9(40)		
Ethylbenzene	413	10	400	0	103	54	150	371.5	10.7(29)		
m,p-Xylene	381	10	400	0	95	50	161	342.7	10.5(38)		
o-Xylene	363	10	400	0	91	35	177	325.1	10.9(40)		
Surr: 1,2-Dichloroethane-d4	380		400	95	70	130					
Surr: Toluene-d8	422		400	106	70	130					
Surr: 4-Bromofluorobenzene	447		400	112	70	130					

**Comments:**

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

## Billing Information:

## CHAIN-OFF-CUSTODY RECORD

NV

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

## Report Attention Phone Number EMail Address

Tracy Johnston (775) 829-2245 x tjohnston@mrgin.com

Tim Dory (775) 829-2245 x tdoty@mrgin.com

PO :

Client's COC # : 54627

Job :

BRN003

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha Sub TAT	Requested Tests			Sample Remarks
					PNA_SIM_S	TPH/E_S	VOC_S	
MGA11060357-01A	BRN003-SS-1 Heating	SO	06/02/11 10:30	1 0 5	SIM	TPH/E_N	8260/MTBE_N	
MGA11060357-02A	BRN003-SS-2 Boiler N	SO	06/02/11 10:50	1 0 5	SIM	TPH/E_N	8260/MTBE_N	
MGA11060357-03A	BRN003-SS-3 Boiler S	SO	06/02/11 11:05	1 0 5	SIM	TPH/E_N	8260/MTBE_N	
MGA11060357-04A	BRN003-SS-4 Boiler N @ 1.0ft.	SO	06/02/11 11:10	1 0 5	SIM	TPH/E_N	8260/MTBE_N	
MGA11060357-05A	BRN003-SS-5 Boiler E	SO	06/02/11 11:25	1 0 5	SIM	TPH/E_N	8260/MTBE_N	

Comments:

Samples brought in by client. Frozen ice. Amended 6/10/11 @ 16:40 to add PNA SIM and 8260 full suite to all samples on STD TAT, due 6/17/11, per Kathy's conversation with Tracy, TD.

Logged in by:	Signature	Print Name	Date/Time
		Tracy Johnston	6/10/11 1657
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Company	Alpha Analytical, Inc.	

NOTE:

Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Vola S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

## CHAIN-OFF-CUSTODY RECORD

NV

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : MGA11060357

Report Due By : 5:00 PM On : 10-Jun-11

Client:  
McGinley & Associates, Inc.  
815 Maestro Drive

PO :

Client's COC # : 54627

Job :

BRN003  
QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Report Attention	Phone Number	E-Mail Address
Tracy Johnston	(775) 829-2245 x	tjohnston@mccgin.com
Tim Dory	(775) 829-2245 x	tdory@mccgin.com

Reno, NV 89511

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles Alpha Sub	TAT	Requested Tests		Sample Remarks
						TPH/E_S	TPH/E_N	
MGA11060357-01A	BRN003-SS-1 Heating Tank Surface	SO	06/02/11 10:30	1 0	0 5	TPH/E_N		
MGA11060357-02A	BRN003-SS-2 Boiler N Surface	SO	06/02/11 10:50	1 0	0 5	TPH/E_N		
MGA11060357-03A	BRN003-SS-3 Boiler S Surface	SO	06/02/11 11:05	1 0	0 5	TPH/E_N		
MGA11060357-04A	BRN003-SS-4 Boiler N @ 1.0ft.	SO	06/02/11 11:10	1 0	0 5	TPH/E_N		
MGA11060357-05A	BRN003-SS-5 Boiler E Surface	SO	06/02/11 11:25	1 0	0 5	TPH/E_N		

Comments:

Samples brought in by client. Frozen ice.:

Logged in by: Dave JohnsonPrint Name: Dave JohnsonSignature: Company: Alpha Analytical, Inc.Date/Time: 6/3/11 1630

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

54627

## Billing Information:

Company Name McGinney & Associates  
 Attn: Linda Constock  
 Address 815 Westgate Dr.  
 City, State, Zip Reno, NV 89511  
 Phone Number 775-829- Fax



**Alpha Analytical, Inc.**  
 255 Glendale Avenue, Suite 21  
 Sparks, Nevada 89431-5744  
 Phone (775) 355-1044  
 Fax (775) 355-0406

## Samples Collected From Which State?

AZ        CA        NV X WA        DOD Site         
 ID        OR        OTHER        Page # 1 of 1

Analyses Required										Data Validation Level: III or IV													
										EDD / EDF? YES	NO												
										Global ID #	REMARKS												
Time Sampled	Date	Matrix*	PO. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**														
1030	6/2/11	SO	MCA1106003-01	BRN003-55-1	HEATING TANK SURFACE				1	X	STD TAT												
1050	6/2/11	SO	FOR	BRN003-55-2	BOILER N SURFACE				1	X													
1105	6/2/11	SO	-03	BRN003-55-3	Boiler S SURFACE				1	X													
1110	6/2/11	SO	-04	BRN003-55-4	Boiler N @ 1.0'				1	X													
1125	6/2/11	SO	LAB-05	BRN003-55-5	Boiler E SURFACE				1	X													
										USE													
										ONLY													
ADDITIONAL INSTRUCTIONS:																							
<p>I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: <u>Brett Bottenske, CEM</u></p> <table border="1"> <tr> <td>Received by: (Signature/Affiliation)</td> <td>Received by: (Signature/Affiliation)</td> </tr> <tr> <td><u>Brett Bottenske</u></td> <td><u>E. Johnson</u></td> </tr> <tr> <td>Relinquished by: (Signature/Affiliation)</td> <td>Relinquished by: (Signature/Affiliation)</td> </tr> <tr> <td><u>Jane E. Johnson, MSA</u></td> <td><u>John McGinney</u></td> </tr> <tr> <td>Received by: (Signature/Affiliation)</td> <td>Received by: (Signature/Affiliation)</td> </tr> <tr> <td><u></u></td> <td><u>Karen Hale</u></td> </tr> </table> <p>Date: <u>6/2/11</u> Time: <u>1:15pm</u></p> <p>Date: <u>6/3/11</u> Time: <u>1:01pm</u></p> <p>Date: <u></u> Time: <u></u></p>												Received by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	<u>Brett Bottenske</u>	<u>E. Johnson</u>	Relinquished by: (Signature/Affiliation)	Relinquished by: (Signature/Affiliation)	<u>Jane E. Johnson, MSA</u>	<u>John McGinney</u>	Received by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	<u></u>	<u>Karen Hale</u>
Received by: (Signature/Affiliation)	Received by: (Signature/Affiliation)																						
<u>Brett Bottenske</u>	<u>E. Johnson</u>																						
Relinquished by: (Signature/Affiliation)	Relinquished by: (Signature/Affiliation)																						
<u>Jane E. Johnson, MSA</u>	<u>John McGinney</u>																						
Received by: (Signature/Affiliation)	Received by: (Signature/Affiliation)																						
<u></u>	<u>Karen Hale</u>																						

\*Key: AQ - Aqueous

SO - Soil

WA - Waste

OT - Other

AR - Air

V-Voa

S-Soil Jar

O-Orbo

T-Tedlar

B-Brass

P-Plastic

OT-Other

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

McGinley & Associates, Inc.  
815 Maestro Drive  
Reno, NV 89511  
Job: BRN003

Attn: Tracy Johnston  
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Alpha Analytical Number: MGA11060357-01A  
Client I.D. Number: BRN003-SS-1 Heating Tank Surface

Sampled: 06/02/11 10:30  
Received: 06/03/11  
Extracted: 06/10/11 12:15  
Analyzed: 06/13/11

### Semivolatile Organics by GC/MS (SIM) EPA Method SW8270C

Compound	Concentration	Reporting Limit
1 Naphthalene	ND	25 µg/Kg
2 Acenaphthylene	ND	25 µg/Kg
3 Acenaphthene	ND	25 µg/Kg
4 Fluorene	ND	25 µg/Kg
5 Phenanthrene	ND	25 µg/Kg
6 Anthracene	ND	25 µg/Kg
7 Fluoranthene	32	25 µg/Kg
8 Pyrene	30	25 µg/Kg
9 Benzo(a)anthracene	ND	25 µg/Kg
10 Chrysene	28	25 µg/Kg
11 Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12 Benzo(a)pyrene	ND	25 µg/Kg
13 Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14 Dibenz(a,h)anthracene	ND	25 µg/Kg
15 Benzo(g,h,i)perylene	ND	25 µg/Kg

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.

ND = Not Detected

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Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

*6/17/11*

**Report Date**

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