PRIME CONSULTING INC.
Environmental, Industrial Hygiene and Safety Consultants

1942 E. Sesame Street
Tempe, Arizona 85283
Office: (480) 777-1377
Fax: (480) 777-1413

December 28, 2009

City of Tempe Procurement Office
P.O. Box 5002, Tempe, AZ 85280
20 E. Sixth Street (2nd Floor), Tempe, AZ 85281

RE: Industrial Hygiene Consulting Services, RFP No. 10-052
Prime Reference No. 2009406

Prime Consulting Inc. located in Tempe and Pinetop, Arizona is a **small business, minority owned - full-service** Industrial Hygiene, Loss Control, Environmental, Health and Safety consulting firm founded in 1995 and Incorporated in the State of Arizona in 1997. Hours of operation are 8:00 am -5:00 pm. Monday through Friday. Available 24 hours a day 7 days a week with 2 hour response time.

Prime Consulting has conducted various environmental, industrial hygiene and safety consulting projects serving both public and private sector clients throughout Arizona. Regardless of the project scope, our professionals consistently balance thorough technical and scientific evaluation with budget, time and operational constraints. Prime Consulting takes pride in the completeness of our assessments and we present our findings in clear, concise reports that can be tailored to meet your needs. The key to successful problem solving has been in efficient project management and progressive input to projects that require a thorough knowledge of the subject and recognition of the Client best interest. Our staff serves a diverse population and can communicate fluently in both Spanish and English. Prime consulting provides complete project management under the umbrella of professional liability and errors & omissions insurances.

We appreciate your consideration of Prime Consulting Inc. and the opportunity to submit this RFP. If you have any questions, please feel free to call us at (480) 777-1377, alfred@primeconsultinginc.com.

Sincerely,
Prime Consulting Inc.

Alfred Maldonado, CLCP
Principal/Director

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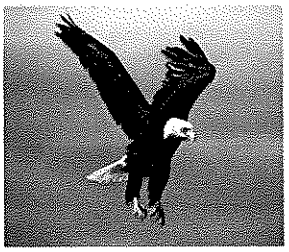

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Environmental, Industrial Hygiene and Safety Consultants

COMPANY OVERVIEW

Prime Consulting Inc. an Environmental, Industrial Hygiene, and Safety Consulting firm specializing in program and project management and are located in Tempe, Arizona and Pinetop, Arizona.

All our business relationships begin with an understanding of each client's overall organizational structure and technical objectives. This facilitates the development of the most appropriate management approach, mix of services and technical solutions.

Since our inception in 1995, we have earned our reputation of dependability. Our clients rely on us to assist them with responsive technical expertise and to develop the most feasible and cost effective solutions for their projects. They trust our professional judgment and value our recommendations, which consider potential impacts on their operation. We believe this commitment is the essence of a good business relationship.

We are acutely aware that our recommendations could affect both human life and the environment. Our managers, Industrial hygienists and scientists look beyond the moment to the potential long term consequences inherent in our professions. Therefore, we actively listen to client concerns, collaborate and discover the appropriate solution. We achieve this through teamwork and creativity.

SERVICES

Our professional staff offer expertise and assistance in a full range of specialized services including, but not limited to:

- Industrial Hygiene Monitoring
- Indoor Air Quality Assessments
- Asbestos Consulting and Inspections
- Lead Based Paint Management
- Occupational Exposure Monitoring
- Microbial (Mold) Investigations
- Microbial (Mold) Remediation Oversight
- Noise Surveys
- OSHA Compliance Audits
- Site Specific Health and Safety plans
- Loss Control
- Environmental Site Assessments (Phase I,II,II)
- Underground Storage Tank Management
- Management of UST removals
- Site Closure Assessments and Reporting
- Dry Well Registration and Assessment
- Aquifer Protection Permits
- Contractor Safety Oversight
- Confined Space
- Hazard Assessments
- Personal Protective Equipment
- Respiratory Protection Programs

Prime Consulting staff and associates are comprised of experts in the following disciplines:

- Certified Industrial Hygienists (CIH)
- Certified Safety Professionals (CSP)
- Certified Loss Control Professional (CLCP)
- Industrial Hygienists
- AHERA Asbestos Inspectors
- AHERA Management Planners
- AHERA Project Designers
- AHERA Contractor Supervisors
- Lead Inspectors
- Lead Risk Assessors EPA Region 9 & Arizona
- Environmental Scientist
- Registered Professional Geologist
- Master Instructor in Maricopa Colleges
- ADEQ UST Decommissioner
- Registered Environmental Assessors

Prime Consulting Inc.'s reputation is supported by a full complement of professional Errors and Omission (E&O) insurance with $1,000,00 per claim and $2,000,00 aggregate coverage, General Liability insurance with $1,000,00 each occurrence and $2,000,00 general aggregate coverage, Workers' Compensation insurance with $1,000,000.

BACKGROUND & APPROACH

Prime Consulting Inc. is a **full-service** Environmental, Industrial Hygiene and Safety consulting firm founded in 1995, incorporated in the State of Arizona in 1997 based in Tempe, Arizona with an office in Lakeside/Pinetop, Arizona.

Our mission is to provide high-quality environmental engineering, health and safety services tailored to meet the special requirements of our clients.

Prime Consulting specializes in managing projects of different sizes and scopes including highly-sensitive projects with critical environmental, health and safety implications. Many projects have involved occupied spaces, as well as 24-hour operations in facilities such as hospitals, schools, and government buildings.

At Prime Consulting we strive for excellence. Our team members meet or exceed the education, training, and experience required for certifications, including but not limited to industrial hygiene, safety, underground storage tank, asbestos and lead management. Our team's diverse expertise allows us to provide comprehensive services to our clients from initial investigation and testing through remediation design and specifications, contractor oversight and management, final clearance and project closure.

OUR APPROACH *Our Process includes:*

Our process commences with gaining a thorough understanding of our client's needs, goals, objectives and initial project parameters. With this understanding, we proceed with the following approach.

INVESTIGATIVE PHASE

A comprehensive investigation and evaluation of existing conditions are conducted that includes testing, when necessary, to accurately and thoroughly define the scope of work and planned approach.

DESIGN PHASE

Information and analytical data obtained during the investigative phase are used to develop management plans for materials left in place or development of comprehensive plans and specifications for remedial action, removal or demolition.

ENVIRONMENTAL CONSTRUCTION MANAGEMENT PHASE

We manage, as a single point of contact, all environmental aspects of the construction phase, including scheduling, phasing, on-site project management, regulatory agency interaction, inspections, change order request analyses, final clearance and project closeout.

Planning
We believe planning closes the gap between a specific problem and its solution. When a problem is well defined, the solution is close at hand.

Creative Thinking
We cultivate an environment that encourages everyone to explore new ideas. The creative process is enhanced by the interaction of our multi-disciplinary team. This cooperative effort leads to innovative solutions.

Building Trust
Honesty and integrity are the core values that support our consistently high quality technical and scientific analyses. Clients know they can count on us -herein lies trust.

WHY YOU SHOULD USE US:

At Prime Consulting Inc., we strive to be the industry leader by dedicating ourselves to Quality, Speed and Price.

When you choose Prime Consulting Inc. you can be assured that your project will be done on time, within budget and to your satisfaction. Begin your next project with a very positive experience and provide us with a chance to be on your team.

CONFIDENTIALITY:

Our reports are confidential and remain the property of the client. A report is confidential and privileged if developed in anticipation of possible litigation. Accordingly, all parties involved in the performance and review of a report must take appropriate steps to protect the unauthorized disclosure of confidential and/or privileged information.

Prime Consulting recognizes the need to identify and avoid any real, potential, or perceived organizational or personal conflict of interest that could have an impact on the integrity of work performed for our clients. We

environmental issues. We perform a physical walk-through of the facility and review all existing programs, manuals, and procedures relating to safety and health issues. The final report documents the conditions identified, work practices observed, health & safety program review, and provides comments on any observed deficiencies, if any, and suggested recommendations for correction. Although the safety and health audit inspection does not guarantee that every potential OSHA compliance issue will be identified, it provides the client with a third-party review of their safety and health programs and is a valuable tool for the evaluation of program compliance. Typical Environmental Health and Safety programs include:

- Risk identification and facility audits
- Written program development
- Industrial hygiene sampling/monitoring
- Employee training
- Record keeping and documentation

Prime Consulting staff and associates stay abreast of changes through regulation review and professional certification. Our staff's specific areas of expertise include:

- Industrial hygiene
- Bloodborne pathogens
- Chemical safety
- Noise
- Respiratory protection
- Confined space entry
- Loss Control
- Electrical safety
- Emergency and fire protection plans
- Hazardous material handling
- Hazardous waste and emergency response
- Hazard communication
- Industrial toxicology
- Lock Out/Tag Out
- Process safety management
- Radiation safety
- Spill prevention and response

Prime Consulting can help protect your employees and your company by being part of your overall Environmental Health and Safety program.

Industrial Hygiene Indoor Air Quality Investigations

Inspections and sampling are tailored to individual project needs and requirements. We are qualified to perform a wide range of inspections consisting of: indoor/outdoor assessments, sick building syndromes, comfort parameters, HVAC compliance testing and analysis, allergens and bacteria, VOC's, various gasses and airborne contaminants.

Mold/fungi Investigation and Remediation consulting

At the cutting edge of indoor environmental concerns, these include: on-site inspections and air monitoring, contaminant identification and location, remediation design, project monitoring, and post remediation clearance sampling.

Phase I Transaction Screen Process (ASTM E 1528)

Transaction Screens represent a reduced scope of work from the Phase I Assessment and are designed to aid in developing information about the environmental condition of commercial real estate. Use of the Transaction Screen is intended to constitute appropriate inquiry for the purposes of CERCLA's innocent landowner defense and is considered to be a commercially prudent assessment. While use of the Transaction Screen is not always appropriate to meet the client's needs, Prime Consulting, in consultation with our clients, may identify opportunities to meet the client's risk management profile with this process. Transaction Screens include the following tasks:

- Transaction Screen Process Questionnaire in accordance with ASTM E 1528. This includes performing interviews with property owners and occupants when available.

- Site reconnaissance and observe site conditions in accordance with the guidance specified in ASTM E 1528.

- Limited review of government records and historical sources. Usually, this activity is limited to the review of historical aerial photographs.

- Prepare a written letter report that incorporates the information obtained during the Transaction Screen Process. The report shall make recommendations for additional investigation if problems are identified or strongly suspected.

Phase I Environmental Site Assessment

The Phase I Environmental Site Assessment (ESA) has been the cornerstone of the due diligence associated with property acquisition and development. While this process

is sometimes treated as a commodity or awarded to the lowest bidder without much forethought, the benefits of having a cost effective, technically accurate and thorough Phase I ESA cannot be overstated. Missed items in the Phase I ESA can easily create development nightmares, regulatory quagmires, and significant cost increases to acquisitions and developments, virtually eliminating the profit in a project.

However, Prime Consulting understands that the primary reason for completing the Phase I ESA is often to identify business risks associated with the acquisition and/or development of a property. These risks could include costly contaminated soil management, time delays waiting for permits to remove a previously unidentified underground storage tank discovered during the installation of a footing or utility line, or waiting for regulatory closure that could delay breaking ground and missing the target store opening date.

Our approach to Phase I ESAs? We take the proposed use and schedule to develop the property into account. Primarily, these projects are completed following the guidelines of ASTM E 1527-05, which were developed to assist prospective purchasers of property in meeting their AAI requirements. In addition, Prime Consulting incorporates client-specific requirements into the completion of the project. The components of the Phase I ESA generally include:

- A records review of the environmental and historical sources for the site and nearby properties.
- A reconnaissance to observe conditions at the site and adjoining/nearby properties.
- Interviews with the site owner and/or occupants, former owners and/or neighboring property occupants/owners, and local government officials/agencies.
- Completion of the Phase I ESA report documenting the findings of the assessment, rendering opinions about the findings, and offering conclusions regarding the potential for environmental concerns that are identified at the site.

If potential environmental concerns are identified in the Phase I ESA, we work with you to identify next steps in the process to evaluate the potential environmental risks associated with the property. Commonly, this includes developing an appropriate, cost effective, level of due diligence for completing a Phase II ESA.

Environmental Professional's Signatures

Prime Consulting staff declares that, to the best of our professional knowledge and belief, Some members of our staff meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312" and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We develop and conduct the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Phase II Environmental Site Assessment

What if the findings of a Phase I Environmental Site Assessment (ESA) identifies a potential environmental concern at a property? Some examples could include: an underground storage tank (UST), former usage of petroleum and/or hazardous materials, spilling/staining or poor disposal practices, presence of a septic system where materials were being discharged to floor drains, or historic uses of potential environmental concern. So… what now? The answer may be a Phase II ESA.

Environmental consulting, as a whole, sometimes receives a bad reputation for "recommending" Phase II ESAs for everything. Prime Consulting evaluates your goals relative to the potential environmental concerns in order to guide you through the potential next steps, if any concerns are identified during a Phase I ESA. For example, if the potential concerns are off-site, such as at a neighboring gasoline station, or if a client is just looking to lease and the environmental impacts are not within the proposed footprint, the recommendation may be no action. Your risk tolerance and business goals are always incorporated into the decision making process about the need for a Phase II ESA. However, if a Phase II ESA is necessary to fully evaluate the property relative to environmental concerns, Prime Consulting works with you to establish an appropriate scope of work. The scope of services common to Phase II ESAs includes:

- Soil and groundwater sampling. Typically, Prime Consulting recommends the use of direct-push methodology to reduce cost, increase field efficiency, and minimize investigative derived waste. We also recommend soil borings using hollow stem auger

methodology and installing groundwater monitoring wells when the site conditions dictate.

- If there is a question about the potential presence of an abandoned/former UST at the site, geophysical survey techniques are used to find its location of this feature and guide the appropriate placement of soil borings to evaluate this concern. In addition, if a UST is found to remain at the site, we can develop a scope of work to identify the applicable removal steps.

- Select samples are sent to a third party laboratory (state-certified as needed) for analysis. The analytical parameters are determined based on the nature of the potential impacts, as well as the goals of the project.

- The report summarizes the work completed, the findings of the field evaluation, and the analytical results are compared to the state-specific standards to assess the levels of contaminants, if any, measured in the soil and/or groundwater at the site.

At the completion of the Phase II ESA, we help guide you through the implications of the findings relative to your goals for the property, as well as any potential regulatory requirements of the findings. Depending on the findings of the Phase II ESA, the results may trigger an obligation to report the findings to the appropriate state agency and/or additional site characterization may be warranted. The site characterization can include groundwater evaluation (flow velocity/direction), risk assessment and remedial alternative determination. In addition, the site characterization can be driven by a client's risk tolerance and/or development needs, or can be performed in response to regulatory obligations.

Underground Storage Tank Management Services

Our experience and knowledge about the changing regulations provides us with an advantage over other consultants to provide defensible Corrective Action procedures for cost effective Regulatory Closure.

Our staff and associates have assisted clients in dealing with specific problems with the UST regulations and provided acceptable resources required to maintain full compliance with federal and state regulations. Our experienced personnel have provided UST services that include but are not limited to:

- Preparation of state regulatory tank registration and permit documents
- Management of UST removals, cleanup, disposal, and replacement
- Closure Assessments and Risk Based Corrective Action Closures
- Cost effective site investigations and assessments
- Negotiation of cleanup levels with regulatory agencies
- Development and implementation of assessment and remediation work plans
- Regulatory permitting, design and implementation of remediation systems
- Site Closure Assessment and Reporting

PROJECT TEAM STRATEGY

Prime Consulting's goal is to fulfill the scope of work on time, within budget, and in keeping with the firm's standard of consistently high-quality technical performance, all while maintaining focus on the Client's objective.

Prime Consulting conducts projects using a team approach that takes full advantage of our management and technical capabilities, regardless of the geographic location of staff or projects. Our highly energized staff investigates and develops solutions that are winners for both our clients and the environment.

Our Qualified staff and associates are selected for a project and work under the direct supervision of a project manager and a Certified Industrial Hygienists (CIH) and or Certified Safety Professional (CSP). The project manager and CIH/CSP are responsible for the technical and financial aspects of the job he or she manages. This includes proper definition of the scope of work, on- and off-site project team supervision, definition of work tasks, and meeting objectives in regard to schedule, budget, and quality. Field and laboratory data are discussed in depth with state registered experts to determine the appropriate scope of work, conclusions, and recommendations. Prime Consulting maintains a project management system involving the use of computer-generated printouts that provide current and detailed information on all job charges, billings, and budget status.

COMPANY INTEREST

Prime Consulting's team' skills and experience are well-suited for this assignment and will work with our Client to make any size project a success. Prime Consulting personnel have conducted environmental assessments for a wide variety of clients and project sizes. Regardless of the project scope, our professionals consistently balance thorough technical and scientific evaluation with budget, time and operational constraints.

Prime Consulting takes pride in the completeness of our studies and we present our findings in clear, concise reports that can be tailored to meet your needs. The key to successful problem solving has been in efficient project management and progressive input to projects that require a thorough knowledge of the subject and recognition of the Client best interest.

We appreciate your consideration of Prime Consulting Inc. and the opportunity to submit this RFQ. If you have any questions or need additional information, please feel free to call us at (408) 777-1377.

APPENDIX A

QUALIFICATIONS AND EXPERIENCE OF KEY STAFF

EDUCATION

BS Business
University of Phoenix

MS Industrial Hygiene
Central Missouri State University

BS Chemistry
University of Arizona

BS, major in Occupational Safety and Health, from the University of Arizona.

KEY STAFF

Alfred Maldonado CLCP, Principal/Director

Mr. Maldonado a Certified Loss Control Professional (CLCP) brings over 28 years of experience providing environmental, industrial hygiene, safety and loss control consulting services. As Principal-in-Charge he coordinates, oversees and performs all technical project management/oversight involving environmental projects. He conducts safety and health training programs in English and Spanish. He ensures that all of technical staff complies with Rating Agency requirements to the full advantage and satisfaction of Prime Consulting clientele.

George Hall, Principal/ Project Site Manager

Mr. Hall brings over 28 years of experience in environmental, industrial hygiene and safety consulting field. Mr. Hall oversees all budgets, technical, and project management/oversight involving environmental projects. In addition, he is involved in all phases of environmental consulting including but not limited to; Environmental site Assessments (ESA's), industrial hygiene surveys for chemical and noise exposures, conducts building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, conducts project design and management of abatement projects. Conducts indoor air quality investigations in residential and commercial buildings.

Adel Assaf CIH, CSP

Mr. Assaf is a Certified Industrial Hygienist and Certified Safety Professional with 28 years of practical industrial and consulting experience. He has managed comprehensive health, safety and environmental compliance programs for private, public and industrial facilities. Mr. Assaf has extensive experience handling asbestos abatement projects for private and public facilities as well as developing safety and health emergency response procedures for remediation projects. Mr. Assaf has been involved and has provided expert witness testimony.

Christine Pomerenke CIH, CEES.

SUB CONTRACTOR - CIH Ergonomics LLC

Ms. Pomerenke is a Certified Industrial Hygienist (CIH) since 1990 with over 25 years of professional Occupational Safety and Health experience in a variety of workplace environments. She is also a Certified Ergonomic Evaluation Specialist (CEES). Before founding CIH Ergonomics LLC, Ms. Pomerenke worked at IBM, Salt River Project, Motorola, Rohm and Haas and the Dow Chemical Company. She was appointed and served as the Chairperson of Motorola's Ergonomic Center of Excellence from 1995-1998. She chaired the Motorola Semiconductor Product Sector's Industrial Hygiene Technical Council from 1998-2002. She also participated as a Corporate EHS Auditor at Motorola and Rohm and Haas from 1995-2009. Ms. Pomerenke completed numerous continuing education coursework in ergonomics such as Applied Industrial Ergonomics conducted by Humantech, and Ergonomic Professional Development Courses offered at American Industrial Hygiene Association (AIHA) and American Society of Safety Engineers (ASSE) Conferences. She is on the on the Board of Directors for Semiconductor Environmental, Safety and Health Association (SESHA), and has served as a Steering Committee member since 2001. She is currently the President of the SESHA Arizona Local Chapter. Professional references are available upon request. CIH Ergonomics LLC is a Certified Disadvantaged Business Enterprise (DBE).

BA Biological Env. Sciences
Kent State University

Stevan A. Raye, R.E.A
Mr. Raye is a Registered Environmental Assessor (REA) and has over 20 years experience in environmental industry. Mr. Raye has managed hundreds of various environmental projects. Mr. Raye's has extensive knowledge of environmental due diligence, ALTA surveys, geology, soils lithology, underground storage tank management, Radon and agricultural land pesticide issues, asbestos management, Phase I, and Phase II.

Masters of Urban Planning (ABT), University at Buffalo, Buffalo, NY. 2003

Greg Giles, Industrial Hygiene Consultant
Mr. Giles brings over 8 years of experience and is involved in all phases of environmental consulting including Environmental Site Assessments (ESA's), building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, conducts project design and management of abatement projects. He conducts indoor air quality investigations in residential and commercial buildings.

B.A. Environmental Design, University at Buffalo, Buffalo, NY. 2001 Minor Architecture

Ana Maldonado, Industrial Hygienist
Ms. Maldonado has 5 years experience in a variety of environmental and technical support positions. As an Environmental Scientist, she has experience with environmental investigations. Her duties have included Phase I environmental site assessments, asbestos abatement supervision, asbestos building inspection and management plans, and indoor air quality monitoring. She oversees and performs all technical project oversight involving environmental projects.

B.S. Conservation Biology, Arizona State University, 2004

Scott Grant, Project Manager
Mr. Grant is an Environmental Project Manager with over 17 years of varied environmental, asbestos and lead based paint management and geotechnical experience specializing in Phase I, Phase II, and Phase III environmental site assessments and characterizations. Also conducts asbestos and mold surveys, underground storage tank management, and support functions for NEPA studies and other miscellaneous projects

René L. Webb, Environmental Technician
Ms. Webb has 16 years experience in all phases of environmental consulting including building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, and is US EPA Lead-Based Paint Inspector, Arizona, Region 9 Tribal Lands, and Nevada building inspector, non-destructive XRF Inspection method. She conducts Indoor air quality investigation and mold survey and interprets of sample results.

George Hall, IH Technician
Mr. Hall has over 5 years of experience in the environmental field. Mr. Hall is involved in all phases of environmental air monitoring, inspections and abatement oversight (i.e. industrial hygiene, lead, mold, and asbestos abatement oversight).

Georgina Hall, IH Technician
Ms. Hall has one year of experience in the environmental field. Ms. Hall is involved in all phases of environmental air monitoring, inspections and abatement oversight (i.e. asbestos abatement oversight).

Alfred Maldonado Jr., IH Technician
Mr. Maldonado has one year of experience in the environmental field. Mr. Maldonado is involved in all phases of environmental air monitoring, inspections and abatement oversight (i.e. asbestos abatement oversight).

APPENDIX B

RESUMES

ALFRED MALDONADO, CLCP (Certified Loss Control Professional), Principal/Director

Mr. Maldonado has over 28 years of experience in the environmental field. Mr. Maldonado started a career in health and safety as an emergency medical technician and fire fighter (rescue squad). He later joined Alamito Company (Springerville Generating Station, a subsidiary of Tucson Electric Power) in 1980 where he was responsible for EPA/OSHA compliance monitoring. He conducted ambient air monitoring for Sulfur Dioxide, Oxides of Nitrogen, and Total Suspended Particulate (TSP), including particulate matter less than 10 microns (PM10). He also assisted with the operation and maintenance of Air Pollution Source Continuous Emission Monitoring (CEMs) systems. As a Project Manager/Industrial Hygienists and a Health and Safety Officer for Western Technologies, he performed traditional industrial hygiene services including ambient and indoor air quality assessments for OSHA and EPA regulated substances, personnel air monitoring, lead base paint inspections for target housing, lead assessments, noise monitoring and particulate testing. Mr. Maldonado managed and conducted asbestos abatement surveys, supervised asbestos abatement projects, performed air monitoring including the development of management plans for asbestos-containing materials in school buildings and commercial facilities. He also performed and developed reports in Phase I and II Environmental Site Assessments for real estate transactions, researching public and private documents to establish past and present land uses and any associated environmental impact and underground storage tanks.

In addition to his experience, Mr. Maldonado has worked as an owner/partner of Aztec Environmental consulting firm and perform and managed all phases of environmental programs. As Director of the Industrial Hygiene Department at LAUREN Environmental & Asset Management Group, He directed the development, implementation, interpretation and review of all aspects and phases of environmental compliance, environmental site assessments and industrial hygiene. Industrial hygiene work included indoor air quality assessments, occupational exposure assessments for airborne contaminants, noise monitoring, hazard communication, hearing conservation, lead, lead based paint inspections for Target Housing, lead assessments, blood borne pathogens, laser, ionizing radiation non-ionizing radiation, ergonomics, respiratory, asbestos, hazardous waste, confined space, mold surveys, mold remediation oversight and medical surveillance programs, air monitoring for OSHA and EPA regulated substances, and ventilation studies for office and industrial facilities.

In the Loss Control sector, Mr. Maldonado identifies and anticipates safety and health concerns and hazards by surveying environmental, operational, and occupational conditions and renders opinions on new procedures and administers safety programs and committees.

Mr. Maldonado proactively participate in the rulemaking process to promote responsible and prudent regulations and pursue any endeavor that reduces or eliminates injury to employees and the public, power theft investigations, accident investigations, damage to equipment, loss of assets, degrades the environment, or negatively impacts our clients. Further, he determines which programs are necessary to provide assistance and/or training to aid our clients in their efforts to comply with regulations and safety procedures, and directs the development of those programs.

EDUCATION

B.S. in Business,
University of Phoenix, AZ, 2004

A. A. Science in Communication Electronic Technology, Pima College, Tucson, AZ

A. A. in General Studies, Pima College, Tucson, AZ, 1982

Hazardous Waste Manager. Arizona State University, Tempe, AZ 1980

Certified Loss Control Professional (CLCP) National Utility Training and Safety Education Association (NUTSEA). 2009

CONTINUING CERTIFICATIONS

- OSHA General Industry Outreach 501 Trainer.
- AHERA Contractor Supervisor
- AHERA Building Inspector
- AHERA Project Designer
- AHERA Management Planner
- OSHA 40-Hour
- First Aid/CPR
- EPA Lead Inspector
- Environmental Site Assessments (ESA)

PRIME CONSULTING INC.

Cert # AZ121808.02

Certificate of Training

This Certifies that

Alfred Maldonado

Has successfully completed the training program requirements for

OSHA 8 Hour Refresher Training

In compliance with OSHA 29 CFR 1910.120

Awarded on this 18th day of December, 2008

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE INCORPORATED
CERT. NO. 3854
PITTSBURGH, PA. 1960
ADEL J. ASSAF

Instructor: *Adel J. Assaf, CIH, CSP*

Guardian Consulting Company, Inc. *4111 West Paradise Lane* *Phoenix, Arizona 85053* *602-439-0057*

NATIONAL UTILITY TRAINING & SAFETY EDUCATION ASSOCIATION

CERTIFICATE OF TRAINING

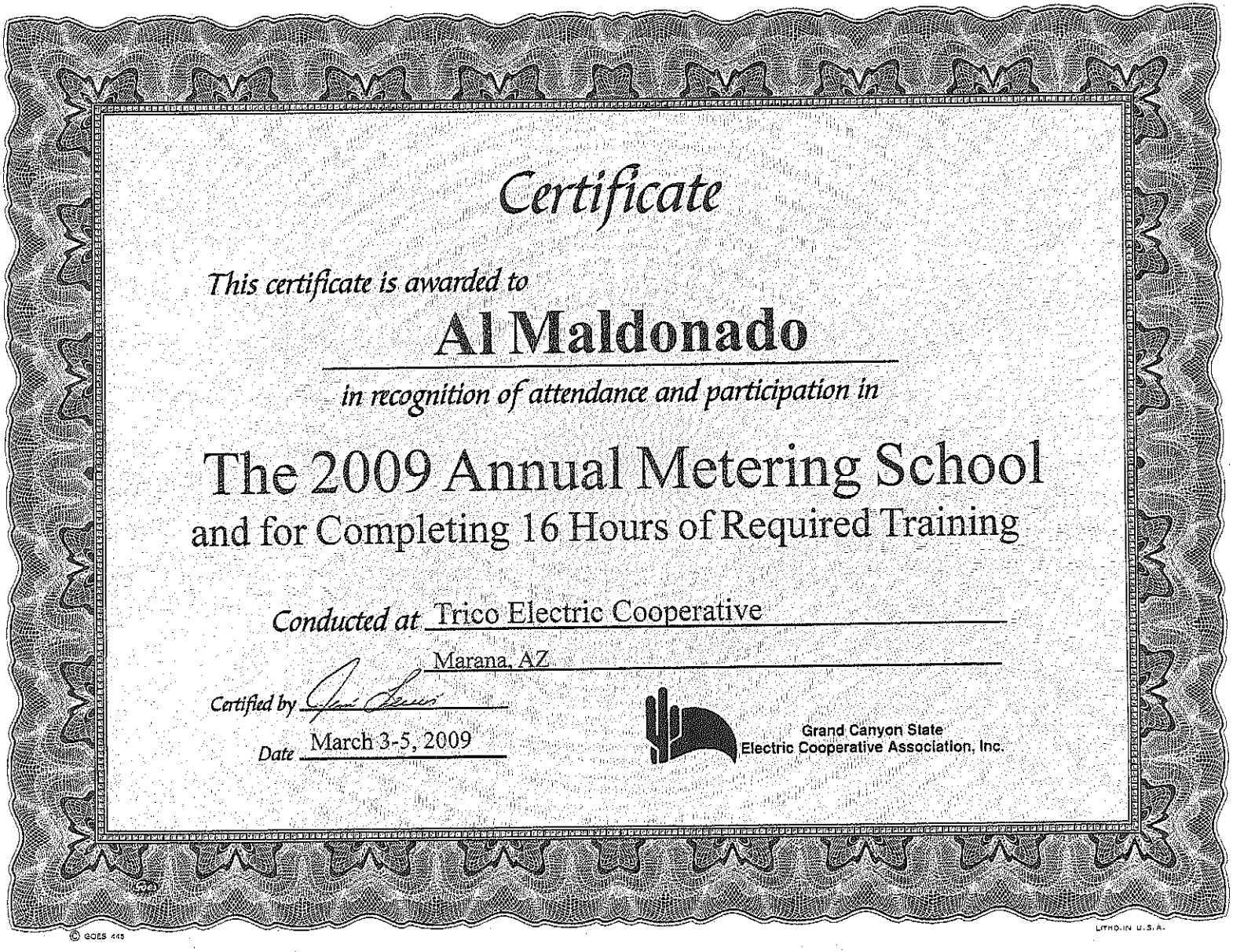
This certificate is awarded to

Alfred Maldonado

For completion of 12.0 hours of safety training at the 2008 NUTSEA Annual Conference

Tucson, Arizona
September 29– October 1

Mike Bird, NUTSEA Chairman



Certificate

This certificate is awarded to

Al Maldonado

in recognition of attendance and participation in

The 2009 Annual Metering School

and for Completing 16 Hours of Required Training

Conducted at Trico Electric Cooperative

Marana, AZ

Certified by _____

Date March 3-5, 2009

Grand Canyon State
Electric Cooperative Association, Inc.

© GOES 445

LITHO IN U.S.A.

PRIME CONSULTING INC.

J. J. Keller & Associates, Inc.
Regulatory & Safety Consulting
7273 State Road 76
Neenah WI 54956
800-738-2270

J. J. Keller
& Associates, Inc.
Since 1953

This Certificate is awarded to:

ALFRED MALDONADO

for participation in the

FEDERAL MOTOR CARRIER SAFETY REGULATIONS TRAINING

March 19, 2009

Madison WI

Steve M. Frisch

E 4112

THE ASBESTOS INSTITUTE

Certifies that

Al Maldonado

has attended the EPA approved course

AHERA Refresher
Management Planner
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.
11

PRIME CONSULTING INC.

E 4059

THE ASBESTOS INSTITUTE

Certifies that

Al Maldonado

has attended the EPA approved course

AHERA Refresher
Building Inspector
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 4021

THE ASBESTOS INSTITUTE

Certifies that

Al Maldonado

has attended the EPA approved course

AHERA Refresher
Contractor/Supervisor
December 3, 2009

and successfully passed the competency exam.

Date of Examination: **December 3, 2009**

Date of Expiration: **December 3, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

UNIVERSITY OF CALIFORNIA, SAN DIEGO

UCSD EXTENSION

OSHA TRAINING CENTER, REGION IX EDUCATION CENTER

A Division of UCSD Extended Studies and Public Programming

ALFRED MALDONADO

HAS DILIGENTLY AND WITH MERIT COMPLETED TRAINING IN

TRAINER COURSE FOR GENERAL INDUSTRY (OSHA 501)

MAY 4-7, 2009
DATE

DIRECTOR,
OSHA TRAINING INSTITUTE
UNIVERSITY OF CALIFORNIA, SAN DIEGO EDUCATION CENTER
DIVISION OF EXTENDED STUDIES AND PUBLIC PROGRAMS

GEORGE HALL
Principal/Industrial Hygiene Consultant

PROFESSIONAL SUMMARY

Mr. Hall has over 28 years of experience in the Health and Safety and Environmental Engineering field. Mr. Hall started a career in health and safety as an instructor in the Mine Safety and Health Administration (MSHA) and Occupational Health and Safety Administration (OSHA) when he worked at Magma Copper Company in 1978. He conducted safety training and supervision of new employees and refresher training for all experienced miners. In 1990 Mr. Hall worked in the asbestos abatement field for a year.

In 1991 Mr. Hall joined Aztec Environmental as an Industrial Hygiene technician. In 1992 Mr. Hall was employed at Western Technologies as an Industrial Hygiene Technician and later as the department and lab manager. He founded GMH Environmental Consultants, LLC in 1996. He conducted asbestos inspections, asbestos oversight, asbestos project designs, and asbestos PCM and PLM analysis. His duties included implementation, interpretation and review of all aspects and phases of environmental compliance, industrial hygiene and environmental assessments. Industrial Hygiene work includes indoor air quality assessments, occupational exposure assessments of airborne contaminants, noise monitoring, hazard communication, hearing conservation, lead, blood borne pathogens, ergonomics, respiratory, asbestos, hazardous waste, confined space, medical surveillance programs, air monitoring for OSHA and EPA regulated substances, and ventilation studies for office and industrial facilities.

In 2000, Mr. Hall joined Hutzel & Associates as an Industrial Hygiene Consultant. Mr. Hall was involved in all phases of environmental consulting (i.e. system audits, industrial hygiene, lead inspections, asbestos inspections, abatement oversight, OSHA/MSHA training, lead and asbestos awareness training. He coordinates, oversaw and performed all technical project management/oversight involving environmental projects.

In 2008, Mr. Hall joined Prime Consulting Inc. as a Principal/Industrial Hygiene Consultant. Mr. Hall oversees all budgets, technical, and project management/oversight involving environmental projects. In addition, he is involved in all phases of environmental consulting including but not limited to; industrial hygiene surveys at various companies for chemical and noise exposures, conducts building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, conducts project design and management of abatement projects. He performs indoor air quality investigations in residential and commercial buildings.

CERTIFICATIONS

AHERA Contractor Supervisor
AHERA Building Inspector
AHERA Project Designer
AHERA Manager Planner
McCrone NIOSH 582 Course
Asbestos Air Monitoring Technician
OSHA 40 Hour HAZWOPPER
OSHA 501
MSHA Instructor underground and surface mines
EPA Lead Risk Assessor
EPA Lead Inspector
First Aid/CPR

American Society of Safety Engineers

Southern Nevada Chapter

www.asselv.org

This Certifies That

George Hall

Has on **October 9th and 10th, 2008** successfully completed the course provided by the Southern Nevada Chapter of the American Society of Safety Engineers titled *Basics of Industrial Hygiene with Construction Hazard Emphasis.*

1.6 CEUs (held by ASSE)
2 CM Points (ABIH approval number 08-2773)

Dale W. Walsh, C.I.H., C.S.P.
Instructor
2008/09 Chapter President

PRIME CONSULTING INC.

E 4080

THE ASBESTOS INSTITUTE

Certifies that

George L Hall

has attended the EPA approved course

AHERA Refresher
Building Inspector
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

E 4016

THE ASBESTOS INSTITUTE

Certifies that

George L Hall

has attended the EPA approved course

AHERA Refresher
Contractor/Supervisor
December 3, 2009

and successfully passed the competency exam.

Date of Examination: **December 3, 2009**

Date of Expiration: **December 3, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.
18

PRIME CONSULTING INC.

E 4104

THE ASBESTOS INSTITUTE

Certifies that

George L Hall

has attended the EPA approved course

AHERA Refresher
Management Planner
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

UNITED STATES DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

OSHA Training Institute, Region IX Education Center

A Division of UCSD Extended Studies And Public Programming

GEORGE L. HALL

HAS DILIGENTLY AND WITH MERIT COMPLETED TRAINING IN

TRAINER COURSE IN OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY (OSHA 500)

MARCH 26-29, 2007
DATE

Henry E. Payne

DIRECTOR,
OSHA TRAINING INSTITUTE

Carol M Hosmer

DIRECTOR,
OSHA TRAINING INSTITUTE
UNIVERSITY OF CALIFORNIA, SAN DIEGO EDUCATION CENTER
DIVISION OF EXTENDED STUDIES AND PUBLIC PROGRAMS

PRIME CONSULTING INC.

E 4080

THE ASBESTOS INSTITUTE

Certifies that

George L Hall

has attended the EPA approved course

AHERA Refresher
Building Inspector
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

ADEL J. ASSAF CIH, CSP

Mr. Assaf is a Certified Industrial Hygienist and Certified Safety Professional with 28 years of practical industrial and consulting experience. He has managed comprehensive health, safety and environmental compliance programs for private, public and industrial facilities. Mr. Assaf has extensive experience handling asbestos abatement projects for private and public facilities as well as developing safety and health emergency response procedures for remediation projects.

Manager, Industrial Hygiene consulting staff performing traditional industrial hygiene services. Projects included asbestos abatement, air pollution remediation, and "sick building" assessment. Also conducted hearing conservation programs and lighting, noise, ventilation, and vibration studies for office and industrial facilities. Designed and administered employee health and safety programs that include personnel-protective-equipment and heat-stress guidelines.

Responsible for training personnel for the OSHA hazardous communication program. Also developed Safety and Health Emergency Response Procedures (SHERP) for on-site remediation projects, prepared project health and safety plans for remediation projects, and served as project manager for industrial hygiene projects.

Supervisor, Health & Safety, Environmental for industry conducted audits, developed and implemented safety and health monitoring, data analysis, reports, and recommendations to management for improving worker safety, compliance with state and federal regulations and corporate policies. Directed field monitoring activities including hearing conservation, illumination, heat stress, air contamination associated with chemical addition processes, nuisance dust, asbestos removal, and welding operations. Implemented confined space programs, respiratory protection programs, and safety and health training.

Conducted OSHA and MSHA inspections. Prepared background information for state and federal hearings to resolve facility citations. Served as an expert witness for workmen's compensation cases. Developed and directed safety committees and quality circle guidelines involving union and management personnel and conducted accident investigations.

EDUCATION

M.S., Industrial Hygiene, Central Missouri State University, Warrensburg, Missouri, 1978

B.S., Chemistry, University of Arizona, Tucson, Arizona, 1977

- Certified Industrial Hygienist (CIH) Comprehensive Practices, Registration #3854.
- Certified Safety Professional (CSP) Comprehensive Practices, Registration #9000.
- Certified for Hazardous Material and Waste Transportation (HM 181)
- Certified Hazardous Waste Supervisor (OSHA 1910.120)
- Certified in Excavation Safety/Competent Person for OSHA.
- Certified EPA Asbestos Inspector/Project Designer/Abatement Supervisor.

PRIME CONSULTING INC.

E 4063

THE ASBESTOS INSTITUTE

Certifies that

Adel Assaf

has attended the EPA approved course

AHERA Refresher
Building Inspector
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 4098

THE ASBESTOS INSTITUTE

Certifies that

Adel Assaf

has attended the EPA approved course

AHERA Refresher
Management Planner
December 4, 2009

and successfully passed the competency exam.

Date of Examination: **December 4, 2009**

Date of Expiration: **December 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

CHRISTINE POMERENKE (CIH) CERTIFIED INDUSTRIAL HYGIENIST

SUB CONTRACTOR

CIH Ergonomics LLC

Our Mission - ***the goal we keep in mind in every action.***

We are committed to providing quality occupational safety and health care and support services in a manner that exceeds the expectations of our customers. We strive to deliver quality services at the most affordable prices.

Biography of Founder

Christine Pomerenke is a Certified Industrial Hygienist (CIH) since 1990 with over 25 years of professional Occupational Safety and Health experience in a variety of workplace environments. She is also a Certified Ergonomic Evaluation Specialist (CEES).

Before founding CIH Ergonomics LLC, Ms. Pomerenke worked at IBM, Salt River Project, Motorola, Rohm and Haas and the Dow Chemical Company. She was appointed and served as the Chairperson of Motorola's Ergonomic Center of Excellence from 1995-1998. Christine was elected to Chair Motorola Semiconductor Product Sector's Industrial Hygiene Technical Council from 1998-2002. She also participated as a Corporate EHS Auditor at Motorola and Rohm and Haas from 1995-2009.

Christine holds a Bachelor of Science degree, major in Occupational Safety and Health, from the University of Arizona in Tucson, Arizona.

Ms. Pomerenke completed numerous continuing education coursework in ergonomics such as Applied Industrial Ergonomics conducted by Humantech, and Ergonomic Professional Development Courses offered at American Industrial Hygiene Association (AIHA) and American Society of Safety Engineers (ASSE) Conferences.

Christine is on the on the Board of Directors for Semiconductor Environmental, Safety and Health Association (SESHA), and has served as a Steering Committee member since 2001. She is currently the President of the SESHA Arizona Local Chapter.

Professional references are available upon request. CIH Ergonomics LLC is a Certified Disadvantaged Business Enterprise (DBE).

CIH Ergonomics LLC offers you and your company workplace safety services under the guidance and direction of a Certified Industrial Hygienist. Some examples of occupational safety and health services we provide include the following.

- Safety and Industrial Hygiene compliance programs tailored to meet your corporate requirements.
- Management System programs targeted to pass third party audits conducted by ISO and ACC.
- Employee exposure monitoring plans that assist you in achieving OSHA compliance and beyond.
- Chemical Safety Management programs that include Hazard Communication training and Material Safety Data Sheet management.
- Employee safety and health training on respiratory protection, lockout tag out, confined spaces, first aid, bloodborne pathogens, defensive driving, CPR and much more!
- Employee driven safety committees that can investigate accidents and assign corrective action.
- Personal protective equipment written program development for Hearing Conservation and Respiratory Protection.
- Noise exposure and measurement surveys.
- Establish a Radiation Safety program covering ionizing radiation such as alpha, beta, gamma and x-ray sources. Conduct radon radiaton surveys and programs. Control non-ionizing radiation exposures such as electromagnetic, microwave and RF. Establish a Laser Safety Program which includes employee training.
- Lab Safety audits and Chemical Hygiene Plan development.
- OSHA 300 injury recordkeeping.
- Safety and health regulatory liason and legal testimonial respresentation.

CIH ERGONOMICS LLC SUPPORTS SAFETY/IH SERVICES IN THE SEMICONDUCTOR INDUSTRY WITH YEARS OF EXPERIENCE!

STEVAN A. RAYE, R.E.A
REGISTERED ENVIRONMENTAL ASSESSOR

Mr. Raye is a Registered Environmental Assessor (REA) and has over 18 years experience in environmental industry, particularly with the disciplines required of this position. Mr. Raye has managed hundreds of various types of environmental projects Mr. Raye's has extensive knowledge of environmental due diligence, ALTA surveys, geology, soils lithology, Radon and agricultural land pesticide issues land as they apply to Phase I, Phase II. Environmental knowledge and experience in environmental regulations as they apply to development and residential home building according to Federal and State Standards.

Mr. Raye also has Project Management experience in the areas of biological evaluations (BE), vegetative assessments, Army Corp of Engineers (ACOE) wetlands delineation, and cultural evaluations (NEPA/HUD), property assessments, underground storage tank (UST) characterizations, remediation and closures, groundwater monitoring, groundwater monitoring well installations, and hazardous waste characterizations.

Mr. Raye's experience includes management of NEPA/HUD assessments and surveys including, endangered species, wildlife surveys and habitat identification, riparian and wetland delineations ACOE, noxious weed identification, and native vegetation assessments. Extensive experience with Arizona local and county planning and zoning ordinances. He has conducted field-testing and subsurface assessments for both soil and groundwater and been involved with regulatory compliance issues involving NEPA, species identification (flora, fauna) Resource Conservation Recovery Act (RCRA), Clean Water Act, (CWA) Comprehensive Environmental Liabilities Act (CERCLA), and the Toxic Substance Control Act (TSCA), and the National Historic Preservation Act (NHPA).

EDUCATION

B.A., Biological – Environmental Sciences, Kent State University, 1978

U.S. Navy Ship fitter/Hull Technical Class "A" School Philadelphia, Pennsylvania 1974

U.S. Navy Biological and Chemical Warfare Training Class "A" School, Philadelphia, Pennsylvania, 1974

PROJECT EXPERIENCE

An experienced environmental specialist deals with a vast area of environmental disciplines. A variety of environmental concerns are taken into consideration when preparing and conducting local, state and federal environmental projects and documents. Mr. Raye is experienced in many different areas of environmental planning and engineering, including:

- Tax Parcel and Assessors Title Documents Reviews
- Phase I Environmental Site Assessments
- Phase II Assessments Characterization and Remediation
- Hazardous Waste Compliance
- Underground Storage Tank and Subsurface Assessments
- Biological Evaluations & Natural Resource Assessments
- Experience with County & City Planning and Zoning Departments

WORK HISTORY

- Environmental Specialist/Biologist Prime Consulting
- Environmental Specialist II-AMEC
- Environmental Scientist III - BE&K Terranext
- Director of Environmental Assessments (owner) Environmental Evaluation Services.
- Senior Project Manager GZA Geo Environmental
- Environmental Assessment Manager U.S. Technical Environmental Consulting, Inc.

CONTINUING CERTIFICATIONS

- Registered Environmental Assessor, R.E.A.
- Mine, Safety and Health Administration (MSHA), Training
- EPA/AHERA Accredited Asbestos Inspector, Contract Supervisor, Design Planner
- HAZCAT Certified
- ADEQ UST Decommissioner
- 29 CFR 1910.19 40-hour HAZWOPER

SCOTT GRANT
Environmental Project Manager

Mr. Grant is an Environmental Project Manager with over 16 years of varied environmental and geotechnical experience on commercial, industrial, residential, and transportation projects. He has demonstrated project level design and management skills on numerous projects ranging from small to large. He has particular expertise with large-scale remediation projects, environmental site characterizations, and interfacing with other project members and regulatory agencies. He also participates in large and small geotechnical investigations.

Representative Projects-Site Assessments

Landfill Relocation (1998, ADOT), Project manager responsible for monitoring landfill relocation during construction of Loop 101 freeway in north Phoenix. Duties included excavation air monitoring, special and hazardous waste containment, and waste profiling for disposal. Project involved relocation of 18,000 cubic yards of landfill waste and disposal of 6,000 pounds of special and hazardous wastes.

Phase I and Phase II (1997, Sprint Digital), Project manager responsible for Phase I and Phase II environmental site assessments for acquisition of 137 parcels of land for transmission tower locations. Provided coordination and scheduling of geotechnical exploration needed to provide design recommendations for foundations and earthwork required for tower construction.

Phase I and Phase II Site Investigations (1994, Dial Corp. and Dobbs International), Project manager responsible for Phase I assessments and Phase II subsurface investigations of 19 airline flight kitchens at major airports across the United States including Hawaii and Alaska. Sites were located in historically contaminated areas adding to the project difficulty. The project completion enabled a $250 million business acquisition to take place during an employee buy-out of United Airlines.

HUD-FANNIE MAE Phase I (1993, HUD), Project manager responsible for coordination, scheduling, and production of over 65 consecutive Phase I environmental site assessments of low-income housing sites across the United States. Project included asbestos surveys, lead paint sampling, and analysis.

UST Investigation Project (1990-1992), Provided expertise in project coordination for UST investigations involving over 75 UST sites across the United States for large soft drink bottler. Duties included field support of UST removals and site investigations. Provided project management during quarterly monitoring of ground water wells and characterization/disposal of contaminated soils and water.

America West Arena (1989, City of Phoenix), Project manager responsible for inspection of 23 multi-story structures for asbestos containing materials (ACMs). Wrote asbestos abatement specifications, developed bid documents and oversaw bidding process for removal of ACMs. Managed and monitored long-term abatement project and demolition of buildings prior to the construction of the current arena.

Work History

Environmental Department Manager (2000-2004), Terrane Engineering Corp., Tempe, AZ. Responsible for sales, field services, production tasks for environmentally related projects. Participated in various geotechnical investigations.

Owner/President. (1998-2000), Grant Sampling Services, L.L.C. Mesa, AZ. Founded and managed providing field related sampling services for geotechnical and environmental consulting companies in Arizona for commercial, industrial, residential, and transportation projects.

Environmental Project Mgr. (1995-98), SA&B Environmental and Chemical Consultants. Phoenix, AZ. Performed sales, field, and production tasks for environmental consulting services in the Southwest. Projects included Phase I and II environmental site assessments, RCRA related facility audits, RCRA hazardous waste disposal, underground storage tank explorations, and landfill restoration projects.

Environmental Project Manager (1992-95), GZA GeoEnvironmental, Inc., Phoenix, AZ. Performed management, field, and production tasks in the Southwest. Projects included large scale Phase I and II environmental site assessments, underground storage tank explorations.

Environmental Specialist (1990-92), US Technical Environmental Consulting, Tempe, AZ. Performed field, and production tasks nationally.

Registrations & Certifications

- AHERA Asbestos Building Inspector
- AHERA Asbestos Management Planner Asbestos Abatement Project Supervisor
- AHERA Asbestos Project Designer
- RCRA Hazardous Waste Site Supervisor
- MSHA Safety Training 1995-1999
- OSHA 40-Hour HAZWOPER

PRIME CONSULTING INC.

D 12291

THE ASBESTOS INSTITUTE

Certifies that

Alex Grant

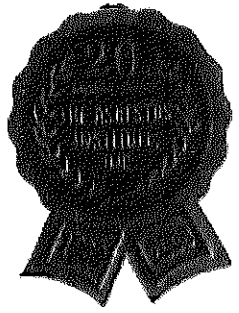
has attended the EPA approved course

AHERA Refresher
Building Inspector
May 2, 2008

and successfully passed the competency exam.

Date of Examination: **May 2, 2008**

Date of Expiration: **May 2, 2009**



Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

International Fire Code Institute

SCOTT GRANT

is CERTIFIED in
UNDERGROUND STORAGE TANK INSTALLATION/RETROFITTING

The International Fire Code Institute attests that the individual named on this certificate has satisfactorily demonstrated knowledge of national underground storage tank regulations and industry standards in effect on this date in the category shown above by successfully completing the prescribed written examination.

Witnessed by our hand

Certificate No. 1140966-25

Issued May 24, 1999

For the International Fire Code Institute

Jeff Brunswick

Chairman

International Fire Code Institute

SCOTT GRANT

is CERTIFIED in UNDERGROUND STORAGE TANK DECOMMISSIONING

The International Fire Code Institute attests that the individual named on this certificate has satisfactorily demonstrated knowledge of national underground storage tank regulations and industry standards in effect on this date in the category shown above by successfully completing the prescribed written examination.

Witnessed by our hand

Certificate No. 1140966-26

Issued May 24, 1999

For the International Fire Code Institute

Chairman

PRIME CONSULTING INC.

№ 42840

Certificate Of Completion

This is to certify that Scott Grant *has completed the basic CPN® training course on Radiation Safety and Use of Nuclear Gauges, held this* 22nd *day of* September 2004 *in the City of* Phoenix *State of* AZ *by CPN International.*

CPN International, Inc.
2830 Howe Road
Martinez, CA 94553 USA
Phone: (925) 228-9770
Fax: (925) 228-3183

CPN

Charles D. Cheney
INSTRUCTOR

Douglas Carter
RADIATION SAFETY OFFICER

Anna Maldonado
Industrial Hygienist

PROFESSIONAL QUALIFICATIONS

Ms. Maldonado has over eight years of experience in the environmental and Industrial Hygiene field. She is detail-oriented, well mannered, hard working professional with a successful record of accomplishments and training in the environmental health industry. Industrial hygiene work include indoor air quality assessments, occupational exposure assessments for airborne contaminants, noise monitoring, and hazard communication, hearing conservation, lead, respiratory, asbestos, medical surveillance programs, air monitoring for OSHA and EPA regulated substances for office and industrial facilities. In addition, she managed and conducted asbestos abatement surveys, supervised asbestos abatement projects, performed air monitoring including the development of management plans for asbestos-containing materials in school buildings and commercial facilities.

State of Arizona: OSHA
Industrial Hygienists Compliance Officer:
As an Industrial Hygienists Compliance Officer, She is responsible for conducting effective occupational safety and health inspections throughout Arizona to ensure compliance with the OSHA act of 1972 and all standards issued pursuant to the Act. She also performed traditional industrial hygiene services including ambient and indoor air quality assessments for OSHA and EPA regulated substances, personnel air monitoring, noise monitoring, personal protective equipment, employee safety training and medical surveillance programs.

- Inspected industrial, commercial, and construction worksites for compliance with the OSHA law and standards. Investigated employee complaints, national and local emphasis, and serious accidents and fatalities. Reviewed safety programs and procedures. Developed in depth and comprehensive reports/citations regarding accident, fatality, employee complaint, follow-up, and referral inspections.

Western Technologies Inc: Environmental Scientist

- Experienced in a variety of environmental and technical support positions. As an Environmental Scientist, she conducted environmental and Industrial hygiene investigations. Her duties included Phase I environmental site assessments, asbestos abatement contractor supervision, asbestos building inspection, HUD lead inspections and clearance samples, and indoor air quality monitoring. She performed all technical project oversight involving environmental projects.

Prime Consulting Inc.: Industrial Hygienist

- She coordinates, oversees and performs all technical project management involving environmental and Industrial Hygiene projects. Including safety and environmental, indoor air quality; microbial and asbestos investigations, remediation/abatement plans and oversight; machine guarding, worker exposure assessments; regulatory agency compliance; real estate environmental assessments; safety accident investigations; and construction site specific plans, training, and on-site monitoring.

Education/Certificates
Arizona State University, AZ
B.S. in Conservation Biology, Minor in Chicano Studies (2004)

UC San Diego Extended: OSHA Institute, AZ
OSHA standards in construction (510)
OSHA standards in General Industry (511)
Principals of Scaffolding (3080)
Hazardous Materials (2015)
Basic Accident Investigations
Respiratory Protection (2225)
Registered Flagger
Mobile Crane Safety Course

AHERA Certified Asbestos Building Inspector
AHERA Certified Asbestos Contractor Supervisor
AHERA Certified Asbestos Manager Planner

EPA Lead Risk Assessor
Arizona, Tribal 9 Lands, and Nevada

PRIME CONSULTING INC.

E 2607

THE ASBESTOS INSTITUTE

Certifies that **Ana Maldonado**

has attended the EPA approved course

AHERA Refresher
Contractor/Supervisor
April 30, 2009

and successfully passed the competency exam.

Date of Examination: April 30, 2009

Date of Expiration: April 30, 2010

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 1026

THE ASBESTOS INSTITUTE

Certifies that

Ana Maldonado

has attended the EPA approved course

AHERA Refresher
Management Planner
September 5, 2008

and successfully passed the competency exam.

Date of Examination: **September 5, 2008**

Date of Expiration: **September 5, 2009**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

D 12994

THE ASBESTOS INSTITUTE

Certifies that

Ana Maldonado

has attended the EPA approved course

AHERA Refresher
Building Inspector
September 5, 2008

and successfully passed the competency exam.

Date of Examination: **September 5, 2008**

Date of Expiration: **September 5, 2009**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

Certificate of Completion

Ana Maldonado

1455 N. Alma School Rd, # 9, Mesa, AZ 85201

Has completed the EPA Accredited Lead Course:

8 Hour Risk Assessor Refresher
February 10, 2009

Possession of this certificate does not constitute certification by the EPA.

February 10, 2009
Course Completion Date

Steven J. Travers
Training Manager

Allstate Services Environmental, Inc.
2279 Eagle Glen Pkwy, Suite 112-206
Corona, California 92883
(951) 245-3700

LR 1473

LITHO, IN U.S.A.

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GREGORY M. GILES
Environmental Scientist

PROFESSIONAL SUMMARY
Mr. Giles joined Prime Consulting Inc. in 2008 and is involved in all phases of environmental consulting including building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, conducts project design and management of abatement projects. He performs indoor air quality investigations in residential and commercial buildings.

4/2005–6/2008 Professional Service Industries, Inc. Environmental Consulting Professional (Tempe, AZ)

- Provide full spectrum of project management services for public and private sector clients
- Conduct business development activities with a focus on providing excellent quality of service, client retention, and expanded customer base.
- Write proposals, fee estimates and technical reports for a full range of professional services. Provide on site project management of remediation, renovation, and demolition of large scale commercial and institutional projects.
- Advanced computer and technical writing skills used on a daily basis. High level of project productivity in an office and field setting.

Senior Environmental Designer (Schenectady, NY)

- Provided owners representative services on numerous projects. Designed environmental remediation specifications and drawings. Reviewed contractor submittals for compliance with contract documents.
- Provided on site health and safety code compliance for remediation, abatement, and construction projects.
- Provided on site project management of remediation, renovation, and demolition of large scale commercial and institutional projects.
- Represented property owners on construction projects from pre bid meetings to final walkthrough inspections. Coordinated site work for a full contingent of construction trades on multiple job sites simultaneously.
- Working knowledge of the design-bid-build, design-build, and job order contracting systems of construction. Experience with all phases of construction administration and project management.

2/2003–4/2005 Better Neighborhoods, Inc. Housing Counselor (Schenectady, NY)

- Worked with local, state, and federal agencies to provide excellent homeownership, improvement, and retention services.
- Provided budgeting and financial management counseling, worked in satellite office environment with little direct supervision.
- Responsible for the pre-purchase and post purchase counseling of low to moderate income homebuyers.
- Provided construction administration, and code compliance services
- Experience with on site construction management of construction, electrical, mechanical, plumbing, and structural subcontractors. Managed multiple grant and private sector loan programs.

6/2001–8/2002 City of Buffalo Office of Strategic Planning. Intern Community Development Planner (Buffalo, NY)

- Assisted community development planners with the development of a comprehensive city wide redevelopment plan
- Worked with the land use planning department to assist in the development of strategic planning outlines with community based focus.
- Used geographical information systems (GIS) to provide accurate community maps.
- Used computer aided drafting (CAD) to produce representative models of communities within the city.
- Incorporated urban design theory and community based meetings to assist in the production of strategic redevelopment designs.
- Provided assistance with the City of Buffalo's vacant building demolition, restoration and conversion plan.

EDUCATION

Masters of Urban Planning (ABT), University at Buffalo, Buffalo, NY. 2003

B.A. Environmental Design, University at Buffalo, Buffalo, NY. 2001 Minor Architecture

CONTINUING CERTIFICATIONS

- EPA AHERA Asbestos Inspector
- EPA AHERA Asbestos Air Monitor
- EPA AHERA Asbestos Project Monitor
- EPA Asbestos Designer
- Bioaerosol Remediation Certification
- Indoor Air Quality Certification
- Confined Space Certification
- Phase 1 and 2 ESA Training

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive, Wilmington, MA 01887
(978) 658-5272

IEE IEE

This is to certify that
Gregory M Giles

has attended the 16-hour course

Mold Investigation

February 9-10, 2006
Course Dates

Course Location
PSI
104 Erie Blvd., Suite 1
Schenectady, NY 12305

February 10, 2006
Examination Date

061344802101497
Certificate Number

President/Director of Training

State University of New York at Buffalo

Upon the recommendation of the faculty of the State University of New York at Buffalo, the Trustees of the State University of New York have conferred on

Gregory Marquis Giles

the degree of

Bachelor of Arts

with all the rights, privileges, honors, and responsibilities thereto appertaining, and as evidence thereof have granted this diploma in Buffalo, New York on the first day of September, in the year two thousand and one.

Thomas J. Egan
Chairman of the Board of Trustees of the
State University of New York

Executive Vice
State University of New York

PRIME CONSULTING INC.

E 3382

THE ASBESTOS INSTITUTE

Certifies that

Gregory Marquis Giles

has attended the EPA approved course

AHERA Refresher
Building Inspector
September 4, 2009

and successfully passed the competency exam.

Date of Examination: **September 4, 2009**

Date of Expiration: **September 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

René L. Webb
Environmental Technician

PROFESSIONAL SUMMARY

Ms. Webb joined Prime Consulting Inc. in 2007 and is involved in all phases of environmental consulting including building inspections to identify and quantify asbestos containing materials in accordance with EPA and OSHA regulations, conducts Lead-based paint building inspector, non-destructive XRF Inspection method. She conducts Indoor air quality investigation and mold survey and interprets of sample results.

Adams and Wendt, Mesa, Arizona
Environmental Technician, November 2005 - August 2007

- Asbestos building inspections for the identification of asbestos containing materials. Performed project management/oversight, pre-and-post air monitoring for the removal of asbestos containing materials. Completed inspection reports and final abatement compliance report documentation.
- Lead-based paint building inspector. Non-destructive XRF Inspection method.
- Indoor air quality investigation and mold survey. Interpretation of sample results, completed inspections reports and final abatement compliance report documentation.

Hutzel & Associates, Inc. Phoenix, Arizona
Industrial Hygiene Consultant, July 2004 - June 2005

- Asbestos building inspection for the identification of asbestos containing materials. Performed project management/oversight, pre-and-post air monitoring for the removal of asbestos containing materials. Inspection report and final compliance report documentation.
- Lead-based paint building inspector.
- Indoor air quality investigation and mold surveys. Moisture meter detectors and air monitoring. Interpretation of sample results, completed inspections reports and final abatement compliance report documentation.
- Oversight for silicate removal, air monitoring and laser particle counter for airborne particulates.

Environmental Management Consultant, Inc., Environmental Consulting and Laboratory Analysis, February 1997 - July 2004

- Prepare and determine asbestos type and percentage of asbestos in bulk building materials for asbestos analysis.
- Conduct asbestos building inspections for federal, state, city, commercial and residential. Perform asbestos abatement oversight, air monitoring, and PCM clearance analysis.
- Conduct leas-based paint inspections. Bulk sampling and non-destructing methods using a Niton XRF analyzer.
- Perform oversight, air monitoring, and quality control for the remediation/ stabilization and encapsulation of lead-based paint components.
- Conduct oversight and air monitoring for the remediation of waster and mold damaged building materials.

Silicate Technology Corporation, Scottsdale, Arizona
Office Manager and Laboratory Assistance, 1993 - 1997

- Office manager for company that performed TCLP (Toxicity Characteristic Leachate Procedures) laboratory analysis and developed remediation technologies for soils contaminated with heavy metals and PCBs.
- Assisted in laboratory performing TCLP on contaminated soils.

Certifications

HAZWOPER: Hazardous Waste Operations and Emergence Response
AHERA Building Inspector: Arizona
AHERA Management Planner: Arizona
AHERA Contractor Supervisor: Arizona
US EPA Lead-Based Paint Inspector, Arizona, Region 9 Tribal Lands, and Nevada
NIOSH 582E: Asbestos
Niton XRF Training

Education

- Management of Hazardous Materials Program, Paradise Valley Community College, associated with Finley University, Ohio. 1996-1997
- Mountain View High School, Mesa, Arizona. Graduated 1985

PRIME CONSULTING INC.

United States Environmental Protection Agency

This is to certify that

Rene L. Webb

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Inspector

In the Jurisdiction of:

Arizona

This certification is valid from the date of issuance and expires November 30, 2009

AZ-I-835-2
Certification #

DEC 14 2005
Issued On

Paula Bisson, Manager, Toxics Office
Communities and Ecosystems Division

PRIME CONSULTING INC.

United States Environmental Protection Agency

This is to certify that

Rene L. Webb

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Inspector

In the Jurisdiction of:

Region 9 Tribal Lands

This certification is valid from the date of issuance and expires November 30, 2009

T9-I-835-2
Certification #

DEC 14 2006
Issued On

Paula Bisson, Manager, Toxics Office
Communities and Ecosystems Division

United States Environmental Protection Agency

This is to certify that

Rene L. Webb

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Arizona

This certification is valid from the date of issuance and expires May 6, 2011

AZ-R-835-1

Certification # MAY 1 2 2008

Issued On

Adrienne Priselac, Manager, Toxics Office

Communities and Ecosystems Division

United States Environmental Protection Agency

This is to certify that

Rene L. Webb

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Region 9 Tribal Lands

This certification is valid from the date of issuance and expires May 6, 2011

T9-R-835-1

Certification #

MAY 12 2008

Issued On

Adrienne Priselac, Manager, Toxics Office

Communities and Ecosystems Division

PRIME CONSULTING INC.

TRUVE CONSULTING INC.

BRUKER

Handheld

This is to certify that

René L. Webb

Has successfully completed a course of instruction in the safe operation of Gamma sourced portable XRF Devices manufactured by KeyMaster Technologies, Inc. This course covered Fundamentals of Radiation, State Licensing Regulation, Principles of XRF, Safety Regulations, and Environmental Sampling Theory.

Date: September 11, 2007

Operator's Number: 9250

BASIC RADIATION SAFETY

Authorized Signature

GEORGE HALL
IH Technician

PROFESSIONAL SUMMARY

Mr. Hall has over 5 years of experience in the environmental field. Mr. Hall is involved in all phases of environmental air monitoring and abatement oversight (i.e. industrial hygiene, lead, mold, and asbestos abatement oversight). He oversees and performs all technical project oversight involving environmental projects. He has successfully supervised projects including industrial, schools, commercial and residential asbestos abatement and microbial decontamination projects.

Mr. Hall has worked for various abatement companies where he constructed various negative pressure enclosures for abatement or encapsulation of various hazardous materials. Constructed various types of mini-enclosures including glove bag and floor tile abatement. Conducted pre-cleaning and encapsulation on all types of asbestos abatement. Performed maintenance on various types of equipment and tools. Disposed of all hazardous materials in compliance with regulatory standards. Removed lead paint and performed mold abatement.

He also worked for an environmental consulting firm directly with office management and field personnel in coordination with subcontractors and owner representatives for assigned projects. Performed contractor oversight and air monitoring involving environmental projects. He successfully supervised projects including industrial, schools, commercial and residential asbestos abatement and microbial decontamination projects

Preformed pre-construction planning, performed OSHA personnel air monitoring, field quality control supervision and troubleshooting, assigned equipment orders for projects, and was responsible for completing projects on schedule and with in budget.

Continuing Certifications

- AHERA Contractor Supervisor,
- AHERA Building Inspector

Skills

Bilingual English-Spanish.

PRIME CONSULTING INC.

This is to certify that

George A. Hall

Attended and successfully completed the

"OSHA 30 Hour Construction Course"

29 CFR 1910

on

August 12, 13, and 14, 2008

Presented by:

George Hall

George Hall / U05181929
PRIME CONSULTING, INC.

PRIME CONSULTING INC.

E 2892

THE ASBESTOS INSTITUTE

Certifies that

George A Hall

has attended the EPA approved course

AHERA Refresher
Contractor/Supervisor
June 4, 2009

and successfully passed the competency exam.

Date of Examination: **June 4, 2009**

Date of Expiration: **June 4, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

E 2943

THE ASBESTOS INSTITUTE

Certifies that

George A Hall

has attended the EPA approved course

AHERA Refresher
Building Inspector
June 5, 2009

and successfully passed the competency exam.

Date of Examination: **June 5, 2009**

Date of Expiration: **June 5, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

GEORGINA HALL
IH Technician

PROFESSIONAL SUMMARY

Ms. Hall has one year of experience in the environmental field. Ms. Hall is involved in all phases of environmental air monitoring and abatement oversight (i.e. asbestos abatement oversight). She oversees and performs all technical project oversight involving environmental projects. She has successfully supervised projects including schools, commercial and residential asbestos abatement projects.

She performed contractor oversight and air monitoring involving environmental projects. She successfully supervised projects including schools, commercial and residential asbestos abatement projects

Preformed pre-construction planning, field quality control supervision and troubleshooting, assigned equipment orders for projects, and was responsible for completing projects on schedule and within budget.

Continuing Certifications

- AHERA Contractor Supervisor,
- AHERA Building Inspector

Skills

Bilingual English-Spanish.

PRIME CONSULTING INC.

E 1950

THE ASBESTOS INSTITUTE

Certifies that

Georgina Hall

has attended the EPA approved course

AHERA
Contractor/Supervisor
January 19-23, 2009

and successfully passed the competency exam.

Date of Examination: **January 23, 2009**

Date of Expiration: **January 23, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 1632

THE ASBESTOS INSTITUTE

Certifies that

Georgina Hall

has attended the EPA approved course

AHERA
Building Inspector
December 1-3, 2008

and successfully passed the competency exam.

Date of Examination: **December 3, 2008**

Date of Expiration: **December 3, 2009**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

ALFRED MALDONADO JR.
IH Technician

PROFESSIONAL SUMMARY

Mr. Maldonado has one year of experience in the environmental field. Mr. Maldonado involved in all phases of environmental air monitoring and abatement oversight (i.e. asbestos abatement oversight). He oversees and performs all technical project oversight involving environmental projects. He has successfully supervised projects including industrial, schools, commercial, and residential asbestos abatement projects.

Mr. Maldonado has worked for various abatement companies where he constructed various negative pressure enclosures for abatement or encapsulation of various hazardous materials. Constructed various types of mini-enclosures including glove bag and floor tile abatement. Conducted pre-cleaning and encapsulation on all types of asbestos abatement. Performed maintenance on various types of equipment and tools. Disposed of all hazardous materials in compliance with regulatory standards.

Preformed pre-construction planning, field quality control supervision and troubleshooting, assigned equipment orders for projects, and is responsible for completing projects on schedule and within budget.

Continuing Certifications

- AHERA Contractor Supervisor,

PRIME CONSULTING INC.

C 3009

THE ASBESTOS INSTITUTE

The Asbestos Institute
Phoenix, Arizona

Certifies that

Al Maldonado, Jr.
600-42-5478

has attended the EPA approved course

AHERA
Contractor/Supervisor
May 24-28, 1999

and successfully passed the competency exam.

Date of Examination: May 28, 1999

Date of Expiration: May 28, 2000

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4904
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

E 2791

THE ASBESTOS INSTITUTE

Certifies that

Alfred Maldonado Jr

has attended the EPA approved course

AHERA
Contractor/Supervisor
May 18-22, 2009

and successfully passed the competency exam.

Date of Examination: **May 22, 2009**

Date of Expiration: **May 22, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

TYLER BLAIR
IH Technician

PROFESSIONAL SUMMARY

Mr. Blair has one year of experience in the environmental field. He is involved in all phases of environmental air monitoring and abatement oversight (i.e. asbestos abatement oversight). She oversees and performs all technical project oversight involving environmental projects. He has successfully supervised projects including schools, commercial and residential asbestos abatement projects.

He performs contractor oversight and air monitoring involving environmental projects including schools, commercial and residential asbestos abatement projects

Continuing Certifications

- AHERA California Contractor Supervisor,
- AHERA California Building Inspector
- AHERA California Management Planer

PRIME CONSULTING INC.

E 3443

THE ASBESTOS INSTITUTE

Certifies that

Tyler B Blair

has attended the EPA approved course

AHERA Management Planner
Approval Code: CA-089-07
September 17-18, 2009

and successfully passed the competency exam.

Date of Examination: **September 18, 2009**

Date of Expiration: **September 18, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 3331

THE ASBESTOS INSTITUTE

Certifies that

Tyler Blair

has attended the EPA approved course

AHERA Contractor Supervisor
Approval Code: CA-089-03
August 24-28, 2009

and successfully passed the competency exam.

Date of Examination: **August 28, 2009**

Date of Expiration: **August 28, 2010**

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

PRIME CONSULTING INC.

E 3434

THE ASBESTOS INSTITUTE

Certifies that

Tyler Blair

has attended the EPA approved course

AHERA Building Inspector

Approval Code: CA-089-05

September 14-16, 2009

and successfully passed the competency exam

Date of Examination: September 16, 2009

Date of Expiration: September 16, 2010

Director

Approved Instructor

THE ASBESTOS INSTITUTE
8102 North 23rd Avenue
Suite A
Phoenix, AZ 85021-4962
602-864-6564

This training meets all requirements for asbestos accreditation under TSCA Title II.

APPENDIX C
INSURANCE CERTIFICATES

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE: 07-08-2009

PRODUCER
THE HAYS GROUP INC/PHS
620333 P:(866)467-8730 F:(877)538-8295
PO BOX 29611
CHARLOTTE NC 28229

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
PRIME CONSULTING, INC
1942 E. SESAME ST.
TEMPE AZ 85283

INSURER A: Hartford Casualty Ins Co
INSURER B: Twin City Fire Ins Co
INSURER C:
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLAIMS MADE [X] OCCUR [X] General Liab GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [ ] PRO-JECT [X] LOC	42 SBA KY9961	01/10/09	01/10/10	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $300,000 $10,000 $1,000,000 $2,000,000 $2,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS	42 SBA KY9961	01/10/09	01/10/10	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
	GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
	EXCESS LIABILITY OCCUR [ ] CLAIMS MADE DEDUCTIBLE RETENTION $				EACH OCCURRENCE AGGREGATE	$ $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	42 WEC NJ1436	09/10/09	09/10/10	[X] WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Those usual to the Insured's Operations.

CERTIFICATE HOLDER | ADDITIONAL INSURED; INSURER LETTER:

FOR INFORMATIONAL PURPOSE ONLY

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE (10 DAYS FOR NON-PAYMENT) TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ACORD 25-S (7/97)

© ACORD CORPORATION 1988

NOTEPAD: INSURED'S NAME Prime Consulting, Inc. PRIME-1 PAGE 2
OP ID IQ DATE 01/27/09

A.) Professional (E&O) Mold Sublimit: $100,000 (aggregate)

APPENDIX D

PROPOSAL QUESTIONNAIRE

Proposal Questionnaire

1. What is the address of your office for contract administration and accounts receivable?

Prime Consulting Inc.

1942 E. Sesame Street

Tempe, Arizona 85283

2. List the designated Contract Manager who will be responsible for managing all work provided by any resulting contract. (This individual shall be considered "Key Personnel".) Please submit resume with response.

Contract Manager Name Adel Assaf CIH, CSP / Al Maldonado

Phone Number

Cell Phone Number 602-617-1654 / 602-725-2920

Fax Number 480-777-1413

E-mail Address guardianehs@cox.net / alfred@primeconsultinginc.com

3. List your firm's inside Customer Service contact for the City.

Customer Service Contact Name George - Hall Project Manager

Phone Number 480-777-1377

Cell Phone Number 480-283-3230

Fax Number 480-777-1413

E-mail Address ghall24@cox.net

4. Has your firm ever defaulted on a similar type of contract?

_____ Yes __X__ No

5. Will all vehicle mileage rates meet federal guidelines?

__X__ Yes _____ No

6. Does your firm have all required federal, state, and local certifications, licenses and permits for the operation of business and are they current?

__X__ Yes _____ No

7. If your firm is awarded the contract, how many days are required to be able to provide services? __1___ Days

8. Will your firm use subcontractors? __X__ Yes _____ No

If yes, provide subcontractor's name, address, phone number and services to provide.

__Christine Pomerenke Certified Industrial Hygienist (CIH)_____

__(480) 897-ERGO (3746)_____

__(480) 897-3747 FAX_____

_____

9. Will employees and subcontractors involved in the remediation all wear required protective body equipment?

__X___ Yes _____ No

10. Does your firm have the technical capability and expertise to complete this scope of work?

__X__ Yes _____ No

11. Will your firm follow all invoicing requirements?

__X__ Yes _____ No

12. Does your firm accept all terms and conditions of this RFP?

__X__ Yes _____ No

13. Will your firm perform all work for this contract in conformance with all OSHA, Federal, State, County and City safety requirements?

__X__ Yes _____ No

14. List three (3) customer references for which your firm has performed similar service for at least two (2) consecutive years (government and/or large business preferred).

Reference One:
Name of Firm: __Mesa School District_____
Contact Person: __John Amenson_____
Contact Person Telephone Number: __(480) 472-6014_____ Fax Number: _____

Reference Two:
Name of Firm: __Tempe Union High School District_____
Contact Person: __Bob Anderson_____
Contact Person Telephone Number: _480-345-3727_____ Fax Number:480-838-7251_____

Reference Three:
Name of Firm: ___City of Tempe_____
Contact Person: __Tim Jones / Scott Mosley_____
Contact Person Telephone Number: _480-350-8711 / 480-350-8877_____ Fax Number: 480-350-8579/_____

15. Name the Industrial Hygiene Laboratories utilized (including mark-up on analytical services if any, on price sheet). Provide the current name, phone number and certifications.

Name	Phone Number	Certifications
_EMC Labs	480-940-5294	AIHA, NVLAP, and California ELAP Accreditations, Arizona, Texas and Hawaii_
EMSL Analytical Labs	(602) 276-4344	EMLAP, EMPAT - Fung, NVLAP Air/Bulk, AZ Air and Bulk Asbestos
_Galson Laboratories	(315) 432-LABS (5227)	AIHA

16. If your services are provided on-site, please list any requirements of the City.

APPENDIX E
PRICING

Pricing Section

ITEM NO.	DESCRIPTION OF REQUIRED MATERIAL, SERVICE OR CONSTRUCTION	QTY	UNIT	UNIT PRICE
Group 1: Job Title/Category (Personnel)				
1.	Principal Investigator	1	Hour	$__80.00____
2.	Senior Project Manager	1	Hour	$__70.00____
3.	Project Manager	1	Hour	$__65.00____
4.	Certified Industrial Hygienist	1	Hour	$__100.00___
5.	Industrial Hygienist	1	Hour	$__60.00____
6.	Field Technician	1	Hour	$__50.00____
7.	Asbestos Consulting Supervisor	1	Hour	$__55.00____
8.	Asbestos Building Inspector	1	Hour	$___55.00____
9.	Asbestos Management Planner	1	Hour	$__55.00____
10.	Administrative / Secretarial Support	1	Hour	$__40.00____

All job hourly rates must be provided in order to be considered responsive. If same individual performs more than one task listed, you are required to fill each task rate schedule. Extended personnel cost shall include all job title/category one hour total cost (inclusive of travel, per diem, taxes, labor, materials and etc.)

Group 1 Total: S__630.00____

Group 2: Basic Equipment Rates				
1.	Truck / Vehicle	1	Day	$_0_____
2.	Sampling Pumps	1	Day	$_10.00_____
3.	High Volume Pumps	1	Day	$_10.00_____
4.	Rental Personal Pumps	1	Day	$__60.00_____
5.	Gemini Twin-port Sampler	1	Day	$__10.00_____
6.	Mini-buck Calibrator	1	Day	$_10.00_____
7.	Ventilation Equipment	1	Day	$_10.00_____
8.	Sound Level Meters	1	Day	$_10.00_____
9.	Noise Dosimeter	1	Day	$_10.00_____

Pricing Section

ITEM NO.	DESCRIPTION OF REQUIRED MATERIAL, SERVICE OR CONSTRUCTION	QTY	UNIT	UNIT PRICE

Basic equipment rates: All items must be provided to be considered responsive. Extended equipment cost shall included all items one total cost.

Group 2 Total: $_130.00_____

GRAND TOTAL: $_____ (Group 1 Total + Group 2 Total)

Percentage markup above cost for Laboratory Services: ___8_____%

The price to be paid to the Consultant by the City will be billed at the Consultant's invoice plus the administrative cost figure indicated in the proposal offer. *Any invoice submitted in this manner must have copies attached of the Consultant's invoices for the outside parts/services.* All materials must meet all manufacturers' specifications.

Percentage markup above cost for Rental Equipment: ___10_____%

The price to be paid to the Consultant by the City will be billed at the Consultant's invoice plus the administrative cost figure indicated in the proposal offer. *Any invoice submitted in this manner must have copies attached of the Consultant's invoices for the outside parts/services.* All materials must meet all manufacturers' specifications.

Other Personnel Costs (reference only)

1.	Certified Safety Professionals (CSP)						1	Hour	$____100.00____
2.	EPA	Certified	Lead	Based	Paint	Risk Assessor		Hour	$___65.00____
3.	EPA	Certified	Lead	Based	Paint	Supervisor	1	Hour	$____65.00____
4.							1	Hour	$_____
5.							1	Hour	$_____
6.							1	Hour	$_____
7.							1	Hour	$_____

Pricing Section

ITEM NO.	DESCRIPTION OF REQUIRED MATERIAL, SERVICE OR CONSTRUCTION	QTY	UNIT	UNIT PRICE
	Other Equipment (reference only)			
1.		1	Hour	$_____
2.		1	Hour	$_____
3.		1	Hour	$_____
4.		1	Hour	$_____
5.		1	Hour	$_____
6.		1	Hour	$_____
7.		1	Hour	$_____

* Applicable Tax _____ %

* **State correct jurisdiction to receive sales tax on the Vendor's Bid Offer, form CS-P201 (B) included in this Invitation for Bid document.**

Less prompt payments discount terms of __ 5%__ days/ or net thirty (30) days. (To apply after receipt and acceptance of an itemized monthly statement.) For bid evaluation purposes, the City cannot utilize pricing discounts based upon payments being made in less than thirty (30) days from receipt of statement.

Ordering and Invoice Instructions

In order to facilitate internal control and accounting, each City Department will order and must be invoiced separately. Monthly invoices must be segregated by City Department number and mailed or delivered directly to the City Customer Department. For most materials, there will be between three (3) and six (6) ordering departments. At the time an order is placed, the Consultant must obtain the ordering department's cost center numbers for billing purposes. The use of the department's cost center numbers will be in addition to the purchase order number. Once a month, the Consultant shall submit a consolidated statement which shall itemize the invoice numbers, invoice date, invoice amounts, and the total amount billed to Accounting. Discount offering will be based upon days from receipt of the consolidated monthly statement. Invoice(s) shall not show previous balances.

APPENDIX F

REFERENCES

REFERENCES

References are listed below and provide facility names, short descriptions of our responsibilities, and contact information for our client.

Arizona School Facilities Board. (2002-2009) Kristen Landry (602) 542-6144. Provided various Phase I Environmental Site Assessments, which included reports on Endangered Flora and Fauna, Noise Levels, Soil Condition, Drainage Statement, and Residual pesticide and Herbicides. Completed various environmental site assessments since 2002.

Arizona Department of Transportation (ADOT) – Safety Department, Phoenix, Arizona – Sandy Estes Industrial Hygienist (602) 712-4249. Asbestos inspections and abatement oversight. Holbrook Lab Building, West Phoenix MVD Building.

Arizona School Facilities Board-Gadsden Elementary School District #32. Chuck Junger (928) 627-6540, provided AHERA asbestos surveys before renovation and demolition of various buildings, asbestos abatement oversight and air monitoring.

Arizona School Facilities Board C/O GV Enterprises. Tito Suazo 623-872-1852 -Various schools throughout Yuma, Arizona provide; AHERA asbestos surveys before renovation and demolition, asbestos abatement oversight, air monitoring.

Apache Junction Fire District. Doug Taylor, 480-323-0982-provided AHERA Asbestos Surveys before renovation and demolition, developed asbestos abatement specifications, conducted abatement oversight and air monitoring.

City of Tempe. Tim Jones, Development Services, (480) 350-8711. Asbestos, Lead Inspections, and Abatement Oversight contract 2005-2009 for demolition of properties for the new light rail system. Completed 36 properties up to date

City of Tempe. Scott Mosley, Industrial Hygienist, Environmental Services Division (480) 350-8877. Conduct various Industrial Hygiene assessments IAQ/asbestos/lead/mold contract since 2005-2008 throughout the City of Tempe. Completed 18 properties up to date

Tempe Union High School District - Various Schools and Facilities. Charmane Newton (480) 345-3761. (2000-2008) Tempe High School, Corona Del Sol High School, McClintock High School, Desert Vista High School, Mountain Pointe High School, and TUSD Administration Buildings. Industrial Hygiene, Indoor Air Quality Assessments, Indoor Air Quality Microbial (Mold) investigations, specification development, remediation/abatement oversight, AHERA asbestos and lead surveys. Completed 70 projects up to date.

Mesa Unified School District #4, Mesa, Arizona. (2008-Present) four year contract. John Amenson 480-472-6014. Currently conducting Industrial Hygiene, Indoor Air Quality Assessments, Indoor Air Quality Microbial (Mold) investigations, specification development, remediation/abatement oversight, AHERA asbestos and lead surveys in over 65 schools throughout the District. Have completed over 150 projects

General Dynamics, Scottsdale, Arizona. Scott Grider (480) 441-6424. (1995-2008), Assisted EHS in developing, implement, and audit the various health and safety elements on the corporate and facility level and provided ongoing health and safety support. Provide comprehensive Industrial Hygiene, Safety consultation, Program development, Indoor Air Quality Investigations, Phase I Environmental Site Assessments, asbestos surveys, abatement oversight, asbestos re-inspections, microbial mold investigations, lead monitoring, respirator programs, respirator fit testing, blood borne, laser, ergonomics, confined space program, hearing conservation, hazard communication, Ionizing and Non-Ionizing Programs. Prepare for their Corporate Safety Audits covering various technical topics from OSHA standards, consensus standards and corporate guidelines.

Motorola Computer Group, Tempe, Arizona. Elizabeth Mattison Environmental Engineer (602) 437-6872 - assisted in developing, implement, and audit various health and safety elements on the corporate and facility level and provided ongoing health and safety support. Provide Phase I environmental site assessments, comprehensive Industrial Hygiene, Indoor Air Quality Assessments, asbestos surveys, asbestos abatement oversight, asbestos re-inspections, Microbial (Mold) investigations, lead surveys, lead monitoring, Respirator Program, Respirator Fit Testing, Blood Borne, Laser, Ergonomics, Confined Space monitoring, hearing conservation, hazard communication, Ionizing and Non-Ionizing Programs. Work with Industrial Hygiene Group/EHS to prepare for their Corporate Safety Audits covering various technical topics from OSHA/EPA

standards, consensus standards and corporate guidelines.

Maricopa Community College District-Scottsdale Community College. Tim LeDuc (480) 423-6005. Various Buildings - Comprehensive asbestos inspections before renovation and/or demolition, asbestos re-inspections.

Gila County – Globe, Arizona, Bob Hickman (520) 473-7910. Gila County Court House, Former Central Heights Elementary School, Payson's Sheriffs Office - comprehensive asbestos inspections before renovation and/or demolition, asbestos re-inspections.

Carl T. Hayden V.A. Medical Center (VAMC) in Phoenix, Arizona. Bob Carlson IH. Contractor Professional Industrial Hygienist (CPIH) monitored contractor's compliance with project specifications, regulatory requirements, prescribed work practices, worker protection measures, project decontamination procedures and health and safety. Various Projects-Asbestos Surveys and Asbestos Abatement Oversight, Development and Implementation of Project Specifications, Lead Inspections, Risk assessments, Drinking Water Sampling, 2 Hour Asbestos Awareness Training, Industrial Hygiene Assessments, Worker Health and Safety.

Schreiber Foods Inc. Charlie De Luna, Safety Department 480-894-8158 - provide AHERA Asbestos and Lead Based Paint Surveys before renovation and demolition.

LUKE Air Force Base: Al Zero (623) 856-9664 C/O Ironhorse Environmental Service Inc. Safety Officer/Contractor Supervisor of asbestos abatement of 100 homes.

Mayo Clinic Hospital, Kitchel Contractors, Industrial Hygiene Indoor Air Quality Assessment before occupancy on the 7th floor expansion project located at Mayo Clinic at in Phoenix, Arizona. Conducted Indoor Air Quality Assessment which included a visual inspection of the area and the collection of air samples for Hydrocarbons, Carbon Monoxide, Carbon Dioxide, Nitrogen Dioxide, Ozone, Lead, Sulfur Dioxide, Airborne Mold, Total Volatile Organic Compounds and Total Particulates.

Mayo Clinic Hospital, Kitchel Contractors, Gary Hillstrom (602) 397-1330, particulate air testing during renovation & demolition projects to determine if the ongoing renovation project impacted the air quality, with regard to dust, in the occupied portions of the building.

US Army Corps of Engineers, Albuquerque, New Mexico. Art Maestas, - Dilkon School District. Provided AHERA asbestos surveys and air monitoring. Conducted negative exposure assessments, provided respirator fit testing and 16 hour training for OSHA Class III work in accordance with 29CFR1926.1101. Developed and implemented a Standard Operating Procedure (SOP).

Dry Force of Mesa Arizona-Water Removal Company (480) 813-0000. Provided over 100 Post Microbial Remediation Verification Air Monitoring Services for various homes and facilities throughout Arizona.

Dry Force of Mesa Arizona-Water Removal Company (480) 813-0000. Conducted various Industrial Hygiene Bacteria Screen Sampling after a category 3 (unsanitary) water clean-up in over 30 homes throughout Arizona. This sewage clearance sampling was conducted after cleaning or treatment to help determine the efficacy of the remediation processes and re-occupancy clearance via post remediation verification sampling.

Other prominent clients:

DES Facilities	Dolphin Inc.
Honeywell	Union Carbide
Phelps Dodge	LEA Architects
Tempe St. Luke's Hospital	Tank Refinery Services
U.S Army Base Navajo Army Depot	UDC Homes
TRK Architects	Gilmore and Parsons
City of Phoenix, Sky Harbor Airport	Arizona State University
Army Base Fort Huachuca	Sherwood Mesa L.L.C.
State of Arizona Dept. of Corrections	SKB Corporation
Apache Junction School District #43	CCG Construction
Roosevelt School District #66	Sun Eagle Corporation
Chinle Unified School District #24	U.S. Bancorp
1st United Methodist Church	Western Technologies
UTAZ Development Corporation	Stealth Demolition
AZ Verde Fire Protection	Dee Excavation Inc.
Spray Systems Environmental	Versar Inc.
G&G Specialty Contractors Inc.	V-2 Properties
Nance Construction	
Southwest Hazard Control, Inc.	Native Environmental
Project Development Group	UNICCO Integrated Facility Services
Mobil Elementary School District #86	

APPENDIX G
SAMPLE REPORTS

PRIME CONSULTING INC.
Environmental, Industrial Hygiene and Safety Consultants

1942 E. Sesame Street
Tempe, Arizona 85283
Office: (480) 777-1377
Fax: (480) 777-1413

MICROBIAL REMIDATION OVERSIGHT AND POST VERIFICATION AIR MONITORING

[redacted]

TEMPE, ARIZONA

PREPARED FOR

MR. SCOTT MOSLEY
CITY OF TEMPE
P.O. BOX 5002
TEMPE, ARIZONA 85280

PREPARED BY

PRIME CONSULTING INC.
1942 E. SESAME STREET
TEMPE, ARIZONA 85283
(480) 777-1377

PRIME JOB NO. PC08436

February 21, 2008

Alfred Maldonado
Project Manager

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MICROBIAL REMIDATION OVERSIGHT AND POST VERIFICATION AIR MONITORING

[redacted]

TEMPE, ARIZONA

PRIME REFERENCE NO. PC08436

1.0 EXECUTIVE SUMMARY

Prime Consulting Inc. was retained by City of Tempe to provide contractor oversight and post remediation verification air monitoring during the remediation of microbial mold materials in the [redacted] in Tempe, Arizona.

The Identified water or mold damaged materials (drywall) and any other building component that could not be cleaned were removed from the interior of the areas identified above. Alfred Maldonado and George Hall of Prime Consulting executed the project from February 1- 4, 2008. The contractor [redacted] began preparation of the work area on February 1, 2008 with three workers and one supervisor.

All remediation work was performed in general accordance with the all-applicable regulations and guidelines. The abatement work areas in the [redacted] were fully contained by negative-pressure differential polyethylene enclosures. In addition area air sampling was conducted in the areas of removal, and was performed utilizing Phase Contrast Microscopy (PCM). Laboratory analysis of the area air samples indicated that fiber levels were in the range of 0.0034-0.0037 f/cc during the abatement. Remediation activities were considered complete upon successful visual inspections and post remediation verification air monitoring conducted by Prime Consulting. The areas were released back to the contractor when post remediation verification air samples were collected and the analytical results indicate the samples collected inside were found to contain lower levels of total mold spores.

There are no established health standards for determining acceptable bioaerosol concentrations for indoor air quality. Air samples were evaluated by means of comparison (i.e., indoors to outdoors) and by fungal type (e.g., genera).

This report provides the City of Tempe with a summary of Prime Consulting's records of oversight and monitoring activities during this project.

2.0 MICROBIAL REMIDIATION OVERSIGHT

Prime Consulting conducted periodic visual inspections of the activities and engineering controls used by [redacted] in order to monitor compliance with applicable federal, state, and local regulations and guidelines and:

- Inspected the integrity of the containments and engineering controls established in the work areas prior to the start of the removal of identified water or mold damaged materials. Any deficiencies in the containments were brought to the attention of the Contractor for correction.
- Allowed remediation activities to begin when identified containment and engineering control deficiencies (if any) were corrected.
- Inspected [redacted] removal and disposal procedures to determine if current industry standards and guidelines for the remediation of water or mold damaged building materials were being followed. Deficiencies in work methods or deviations from specified procedures were brought to the attention of the Contractor for correction.
- Inspected each work area upon completion of abatement activities to determine if removal and cleaning were accomplished according to all applicable regulations and guidelines.

Air Sampling Methodology

Prime Consulting performed spore trap air monitoring in containment located in the [redacted], and outside of the building. The purpose of the air sampling was to: Evaluate air samples by means of comparison (i.e., indoors to outdoors) and by fungal type (e.g., genera). Air sampling data was evaluated to characterize potential sources. Because of the ubiquity of fungi, samples collected from suspect areas need to be evaluated against samples collected from non-suspect areas and from outdoors.

Ambient air samples were collected for airborne particulates using a Zefon Air-O-Cell™ sampling cassettes using a high-volume Zefon "Mini-Pump" ™ air sampling pump. The Air-O-Cell™ is a particulate sampling cassette used for the rapid collection and analysis of a wide range of airborne aerosols including mold spores (to the genus level), pollen, insect parts and skin fragments. It should be noted that fungal spores captured through the Air-O-Cell™ cassette are reported as total, meaning they include both viable and nonviable organisms and are identified to the genus level.

The Air-O-Cell Cassettes are analyzed using light microscopy techniques at 1000X magnifications; with the slide (100% of the sample) being analyzed. This magnification allows the identification of genera and species.

In addition, Prime Consulting performed air monitoring outside of the work areas of the remediation process. The purpose of the air sampling was to:

- Monitor the effectiveness of the remediation contractor's abatement methods in minimizing fiber release.
- Determine if work area containment and engineering controls were effective in containing airborne fibers to the work area.

The air samples were collected in accordance with the National Institute for Occupational Safety and Health (NIOSH) Method 7400. All air sampling equipment was calibrated before and after each sampling period. PCM air samples were collected using 25-millimeter (mm) cassettes with 50 mm electrically conductive extension cowls and 0.8-micron pore size mixed cellulose ester filters. Area samples were analyzed using phase contrast microscopy (PCM) by JRM Environmental asbestos laboratory. The laboratory is accredited by the NVLAP and is a successful participant in the American AIHA's Proficiency Analytical Testing (PAT) program.

An analysis summary of the air sample results is presented in Appendix A. Chain-of-custody records for all air samples were maintained throughout the project and are presented along with the laboratory data reports in Appendix B. Prime Consulting air sample data sheets are presented in Appendix C.

Personnel Protective Equipment

Workers were required to wear protective equipment which consisted of head-to-foot covering protective clothing (i.e., disposable suits, and gloves). Minimum respiratory protection for the abatement areas consisted of half-faced respirators equipped with High Efficiency Particulate Air (HEPA) filters. Personnel were informed to follow specific work area entrance and exit procedures during remediation operations.

Exposure Guidelines

In the United States, no federal agency has clear authority to regulate exposure to biological agents associated with Building Related Illnesses (BRI). Countable bioaerosols have no Permissible Exposure Limits (PELs) or Threshold Limit Values (TLVs) for the following reasons: the cultural and/or countable bioaerosols have no single entry; the human response range varies greatly from one individual to the next; it is not possible to collect and evaluate all bioaerosol components using a single sampling method; and the information relating bioaerosol concentrations to health effects is generally insufficient to describe exposure response. Due to the wide variety of microorganisms found across different regions of the United States and the influence of normal humidity and temperature conditions, the concentrations of bioaerosols vary significantly from area to area. With the absence of exposure limits, it is common industry practice, to compare outside bioaerosol concentrations and species to inside bioaerosol concentrations and species. This practice is supported by the American Conference of Governmental Industrial Hygienists (ACGIH), the American Industrial Hygiene Association (IAHA) and the Environmental Protection Agency (EPA) guidelines. Generally speaking, the indoor air flora should be quantitatively lower than, but qualitatively similar (genus or species) to that of outdoor air. Lower or higher levels of fungi indoors of different genera from outdoors can indicate contamination of interior substrates.

3.0 ABATEMENT ACTIVITIES

This project involved the removal of water or mold damaged drywall from inside the work areas. Prime Consulting on-site representative was George Hall and Alfred Maldonado. The contractor [redacted] began preparations of the work area with three workers on February 1, 2008. The crew size averaged three workers, one supervisor and was conducted during day-shift hours.

Preparation for the abatement project began with the construction of a staging area located outside of the work areas. The staging areas consisted of one-stage personnel decontamination chamber. Warning signs were posted on all entrances to the work areas.

The containment in the areas of removal was prepared with the installation of critical barriers consisting of two layers of 6-mil polyethylene over all openings between the work area and unaffected adjacent areas. HVAC vents, non-moveable objects, and electrical connections were sealed and isolated from the work area by airtight and watertight critical barriers. All walls were covered with polyethylene from the floor to the ceiling. One negative air machine was installed in each area to provide a negative-pressure differential relative to area outside of the containment.

The 2,000 cfm negative air machine equipped with HEPA filters was installed to obtain the minimum required negative pressure and air recirculation rate in the containment. The Negative Air Machines were exhausted to the buildings exterior and remained in operation until successful visual clearance results were achieved. Prime Consulting visually inspected critical barriers and polyethylene isolating the abatement work areas. After inspection approval for the water damaged material removal was granted.

All material was kept wet during subsequent handling and the removal of materials was accomplished in a single phase. After removal of all identified materials was completed, the area(s) were wet-wiped and HEPA-vacuumed. The work area was visually inspected and approved by Prime Consulting.

4.0 AIR SAMPLING RESULTS

Remediation activities were considered complete upon successful visual inspections and post remediation verification air monitoring conducted by Prime Consulting. In addition area air sampling was conducted in the areas of removal, and was performed utilizing Phase Contrast Microscopy (PCM). Laboratory analysis of the area air samples indicated that fiber levels were in the range of 0.0034-0.0037 f/cc during the abatement. The area was released back to the contractor when post remediation verification air samples were collected and the analytical results indicate the samples collected inside were found to contain lower levels of total mold spores.

5.0 CONCLUSIONS

The microbial mold remediation project in the [redacted] in Tempe, Arizona was completed by the remediation contractor in general accordance with all applicable guidelines. Problems (if any) encountered during abatement were all satisfactorily resolved.

6.0 CONDITIONS AND LIMITATIONS

Air sampling results are limited in that they represent airborne concentrations at the time of sample collection only. Changes in operating procedures, ventilation, temperature, occupancy, procedures, equipment, sources, products used, and other conditions may cause variations in anticipated airborne concentrations.

This report is submitted based on published information and general site reconnaissance procedures. This report has been prepared for and is intended for the exclusive use of the City of Tempe. The contents of this report should not be relied upon by any other party without the express written consent

of Prime Consulting Inc. Furthermore, Prime Consulting Inc. does not warrant, guarantee, or certify the accuracy or completeness of work performed by others, or the absence of environmental risks, either expressed or implied.

Prime Consulting Inc. has performed the tasks set forth above in a thorough and professional manner consistent with industry standards. The results reported and any opinions reached by Prime Consulting Inc. are for the benefit of the client. The results and opinions set forth by Prime consulting Inc. in its report will be valid as of the date of the report. Prime Consulting Inc. assumes no obligation to advise you of any changes that may later be brought to our attention.

Prime Consulting appreciates the opportunity to provide you with consulting services. If have any questions or comments, please contact us at (480) 777-1377. We look forward to working with you in future endeavors.

Sincerely,
PRIME CONSULTING INC.

Alfred Maldonado
Project Manager

APPENDIX A

SUMMARY OF AIR SAMPLE RESULTS

SUMMARY OF AIR MICROBIAL SAMPLE RESULTS

Date	Sample No.	Sample Location	Debris Rating	Total Fungal Spores Count/ M^3	Fungal Spore Identification	
					Fungal Spores/m^3	
2/4/08	132 -1	Inside Containment [redacted]	1	27	7 13 7	*Aspergillus/Penicillium Like* *Chaetomium* *Mycelial Fragments*
2/4/08	132 -2	Inside Containment [redacted] Hall Area	2	7	7 13	*Aspergillus/Penicillium Like* *Pollen*
2/4/08	132 -3	Outside	2	53	7 7 27 13	*Aspergillus/Penicillium Like* *Chaetomium* *Cladosporium* *Mycelial fragments* *Pollen*
2/4/08	132 -4	Outside	2	40	13 20 7 13	*Alternaria* *Cladosporium* *Mycelial fragments* *Pollen*

AREA AIR SAMPLE RESULTS

Sample No.	Date	Sample Location	Activity	Asbestos Results
PC-2108-1	02/1/08	Field Blank	QA/QC	0 fibers / 100 fields
PC-2108-2	02/1/08	@ Decon Entrance [redacted]	Area	0.0034 f/cc
PC-2108-3	02/1/08	[redacted] Room Hall Area	Area	0.0037 f/cc

PRIME CONSULTING INC.

APPENDIX B

CHAIN-OF-CUSTODY RECORDS AND LABORATORY REPORT

APPENDIX C

AIR SAMPLE DATA SHEETS

PRIME CONSULTING INC.
Environmental, Industrial Hygiene and Safety Consultants

1942 E. Sesame Street
Tempe, Arizona 85283
Office: (480) 777-1377
Fax: (480) 777-1413

INDUSTRIAL HYGIENE AIR QUALITY SURVEY AFTER SEWAGE CLEANUP IN BUILDING [redacted] HALLWAY, GIRLS RESTROOM AND ROOM [redacted] [redacted] HIGH SCHOOL [redacted], ARIZONA [redacted]

Prepared For:

MR. BOB ANDERSON
TEMPE UNION HIGH SCHOOL DISTRICT
500 WEST GUADALUPE ROAD
TEMPE, ARIZONA 85283

Prepared By:

PRIME CONSULTING INC.
1942 E. SESAME STREET
TEMPE, ARIZONA 85283
(480) 777-1377

PROJECT NO. PC07357

October 30, 2007

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE INCORPORATED CERT NO. 3854 PENNSYLVANIA-1969 ADEL J. ASSAF

Adel J. Assaf, CIH, CSP
Certified Industrial Hygienist

Alfred Maldonado
Project Manager

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APPENDIX A CHAIN OF CUSTODY AND LABORATORY RESULTS

INDUSTRIAL HYGIENE AIR QUALITY SURVEY AFTER SEWAGE CLEANUP- BUILDING [redacted] HALLWAY, GIRLS RESTROOM AND ROOM [redacted] [redacted] HIGH SCHOOL [redacted], ARIZONA [redacted]

1.0 EXECUTIVE SUMMARY

Prime Consulting Inc. was retained by Tempe Union High School District to provide Industrial Hygiene Indoor Air Quality Assessment after sewage clean-up conducted by the [redacted] maintenance personnel. The area of concern was the hallway and classroom [redacted] of Building [redacted] located at [redacted] [redacted] High School [redacted] in Phoenix, Arizona.

The investigation was prompted following a backflow of sewage in the girl's restroom in building [redacted] that spilled into the hallway and into classroom [redacted]. On September 26, 2007, Al Maldonado of Prime Consulting Inc. and Adel Assaf a CIH and CSP evaluated the condition of the area in conjunction with [redacted] Maintenance Plant Forman. The survey was conducted on October 2, 2007 to evaluate the completeness of cleaning following sewage backup. Prime Consulting collected the air samples and swab samples to determine the level of contamination following a cleaning of the hallway and classroom [redacted]. The area was not occupied during our survey and sampling was performed in accordance with standard industry and industrial hygiene practice.

Raw sewage can contain a wide variety of pathogenic organisms including Salmonella, Shigella, enteric viruses, Giardia and Cyptosporidium, and multicellular parasites. Sewage may also contain blood-borne pathogens such as HIV and the virus that causes hepatitis. It is difficult and costly to sample for all these organisms and therefore a sewage screening is used as a clear indicator of sewage contamination.

Sewage contamination air samples and swab sewage screen samples were bellow acceptable limits for the sampled areas. No fecal Coliform was detected; however the carpet appears to be very unclean as identified in the samples collected. Laboratory air samples levels for bacteria in the air were greater than outdoor levels indicating general bio contaminants exist in the carpet. Prime recommends Tempe Union High School District conduct a thorough cleaning of the carpet followed by air and carpet check to insure the carpet is not impacting air quality of the building.

This report provides Tempe Union High School District with a summary of Prime Consulting records of the Industrial Hygiene Indoor Air Quality Assessment activities during this project.

2.0 INTRODUCTION

Prime Consulting Inc. was retained by Tempe Union High School District to provide Industrial Hygiene Indoor Air Quality Assessment after sewage clean-up conducted by the [redacted] maintenance personnel. The area of concern was the hallway and classroom [redacted] in Building [redacted] located at [redacted] High School [redacted] in [redacted], Arizona. On October 2, 2007 Alfred Maldonado of Prime Consulting conducted the sampling to evaluate the completeness of cleaning following sewage backup. Prime Consulting collected the air samples and swab samples to determine the level of contamination following a cleaning of the hallway and classroom [redacted]. The area was not occupied during our survey and was performed in accordance with standard industry and industrial hygiene practice. The following sections summarize those activities.

3.0 AIR SAMPLE SURVEY

Sewage contaminant air sampling and swab sewage screens were collected from various surfaces. The following is a summary of equipment used and contaminants analyzed.

AIR SAMPLES:

Samples were collected using a Single stage bioerosol impactor Anderson air sampling pump which meets NIOSH Methods 0800 and 0801 specifications for sampling indoor and outdoor air for viable microorganisms, including bacteria. Made of precision-tooled aluminum, the sampler contains an inlet cone, jet classification stage, and base plate held together by three springs clamps and sealed with o-ring gaskets. The impactor contains 400 precision-drilled holes. Air is drawn through the sampler where multiple jets of air direct any airborne particles toward the surface of the agar collection medium. The impactor is calibrated using a Gilian Primary Flow Calibrator (Gilibrator) before and after each sampling period. Samples were also collected, both inside and outside the structures, to determine the level of bacteria concentrations.

The sample plates were delivered to a biological laboratory for incubation of 2 to 5 days at specified temperatures. After incubation, the pates were analyzed on a general assessment of broad spectrum and gram negative bacterial types isolated including counts and quantification to cfu/m3.

SWAB/WIPE SAMPLES: QuantiTray-sewage screen

Swab Samples were collected using pre-prepared sampling media provided by the laboratory. An area of 3" x 3" was swabbed and place in a vial for delivery to the laboratory. The analysis determines the presence of Coliforms, Escherichia coli, and Enterococci as well as enumeration of these organisms using the IDEXX test kit. IDEXX Enterolert and Colilert reagents are added to sample dilutions. The resulting solution is added to QuantiTrays and incubated. Trays are read after 24 hours and results reported.

CARPET DUST SAMPLES: Bacteria surface culture gram stain and counts

Carpet dust samples were collected using 25-millimeter (mm) cassettes with 50 mm electrically conductive extension cowls and 0.8-micron pore size mixed cellulose ester filters. The Analysis is a quantitative bacterial assessment including calculation to cfu/unit. Multiple dilutions are prepared and plated on one media type (TSA w/o blood).

Samples were delivered to EMLab P&K Laboratories located at 1501 West Knudsen Drive in Phoenix, AZ 85027. Copies of all air sample laboratory results along with chain of custody sheets are presented in Appendix B.

4.0 Sampling Results:

SWAB/WIPE SAMPLES: QuantiTray-sewage screen

MPN Quantitray

Location:	2: [redacted]-2-Hall Wipe	5: [redacted]-5-[redacted] Wipe
Comments (see below) None	None	None
Lab ID-Version‡:	1501337-1	1501337-1
Date Prepared	10/02/07	10/02/07
Date Analyzed	10/03/07	10/03/07
	MPN/swab	MPN/swab
E. coli	< 10	< 10
Enterococcus	< 10	< 10
Total coliform	< 10	< 10

DUST SURFACE CULTURE BACTERIA REPORT

Location:	3: [redacted]-3-Hall Carpet				6: [redacted]-9-[redacted] Carpet			
Comments (see below)	None				None			
Sample type	Dust sample				Dust sample			
Lab ID-Version‡:	1501314-1				1501315-1			
Sample size	1				1			
Media used	TSA				TSA			
Dilutions	1:10, 1:100, 1:1,000 & 1:10,000				1:10, 1:100, 1:1,000 & 1:10,000			
	CFU*	CFU*/unit	DL	%	CFU*	CFU*/unit	DL	%
TOTAL CFU*	2,850,000	2,880,000	10	100	3,200	3,200	10	100
Actinomycetes								
Bacillus	20,000	20,000	10	1	2,200	2,200	10	69
Gram negative rods								
Gram positive cocci	2,570,000	2,600,000	10	90	700	700	10	22
Gram positive rods	260,000	260,000	10	9	300	300	10	9

* CFU = colony forming units

CULTURABLE AIR BACTERIA REPORT

Location:	1: [redacted]-1-Hall				4: [redacted]-4-CL05				7: [redacted]-7-Outside			
Comments (see below)	None				None				None			
Lab ID-Version‡:	1501302-1				1501303-1				1501304-1			
Sample volume (liters)	141.5				141.5				141.5			
Positive Hole	400				400				400			
	CFU *	CFU*/m 3	DL/m3	%	CFU*	CFU*/m 3	DL/m3	%	CFU *	CFU*/m 3	DL/m 3	%
TOTAL CFU*	95	742	7	100	70	515	7	100	18	127	7	100
Actinomycetes	1	7	7	1								
Bacillus	9	64	7	9	15	106	7	21				
Gram negative rods												
Gram positive cocci	82	650	7	88	49	367	7	71	18	127	7	100
Gram positive rods	3	21	7	3	6	42	7	6				

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments: A) Excessive spreading fungi present. Reported results may be low.

5.0 CONCLUSIONS AND RECOMENDATION

Sample results did not indicate the presence of Coliform/Ecoli indicating the cleaning of the areas following the sewage overflow was performed satisfactorily.

Laboratory air samples levels for bacteria in the air were greater than outdoor levels indicating general bio contaminants exist in the carpet. Prime recommends Tempe Union High School District conduct a thorough cleaning of the carpet followed by air and carpet check to insure the carpet is not impacting air quality of the building.

6.0 CONDITIONS AND LIMITATIONS

Air sampling results are limited in that they represent airborne concentrations at the time of sample collection only. Changes in operating procedures, ventilation, temperature, occupancy, procedures, equipment, sources, products used, and other conditions may cause variations in anticipated airborne concentrations.

Prime Consulting appreciates the opportunity to provide you with consulting services. If have any questions or comments, please contact us at (480) 777-1377. We look forward to working with you in future endeavors.

Sincerely,
PRIME CONSULTING INC.

Adel J. Assaf, CIH, CSP
Certified Industrial Hygienist

Alfred Maldonado
Project Manager

APPENDIX A

CHAIN OF CUSTODY AND LABORATORY RESULTS

APPENDIX H

VENDOR'S OFFER

Vendor's Offer

It is required that Offeror complete, sign and submit the original of this form to the City Procurement Office with the proposal response offer. An unsigned "Vendor's Offer", late proposal response and/or a materially incomplete response will be considered nonresponsive and rejected.

Offeror is to type or legibly write in ink all information required below.

Company Name: ____Prime Consulting Inc._____

Company Mailing Address: ___1942 E. sesame Street_____

City: __Tempe_____ State:__AZ_____ Zip:__85283_____

Contact Person: _____Al_____Maldonado_____ Title: ____Director_____

Phone No.: __480-777-1377_____FAX:__480-777-1413_____E-mail:_alfred@primeconsultinginc.com_____

Company Tax Information:

Arizona Transaction Privilege (Sales) Tax No.: 07551553-K_____or

Arizona Use Tax No.:_____

Federal I.D. No.: 860847924_____

City & State Where Sales Tax is Paid: _____, _____

If a Tempe based firm, provide Tempe Transaction Privilege (Sales) Tax No.:_____

THIS PROPOSAL IS OFFERED BY

Name of Authorized individual (TYPE OR PRINT IN INK) ALFRED M ALDONADO

Title of Authorized Individual (TYPE OF PRINT IN INK) DIRECTOR

REQUIRED SIGNATURE OF AUTHORIZED OFFEROR (MUST SIGN IN INK)

By signing this Proposal Offer, Offeror acknowledges acceptance of all terms and conditions contained herein and that prices offered were independently developed without consultation with any other Offeror or potential Offeror. In accordance with A.R.S. 35-391.06 and 35-393.06, et seq., the Offeror hereby certifies that it does not have scrutinized business operations in Iran or Sudan. Failure to sign and return this form with proposal offer will be considered nonresponsive and rejected.

Alfred Maldonado
Signature of Authorized Offeror

12/28/09
Date

Form 201-B (RFP)
(H:/RFP 3-2008)