



COMPANIES, INC.

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SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP)

**City of Hamilton Former Nursing Home
EPA Brownfields Cleanup Grant No. 02F74101
DRAFT – FOR REVIEW**

PREPARED BY:



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1. Project Information

Project Name:

City of Hamilton Former Nursing Home – EPA Brownfields Cleanup

Site Address:

400 W. Grogan Street
Hamilton, Texas 76531

Scope of Work:

This project consists of interior asbestos abatement activities conducted under full containment conditions. No demolition is included. The structure is in a state of disrepair and is surrounded by residential properties. The purpose of this HASP is to protect workers, the public, and the environment during cleanup activities.

2. Project Personnel and Responsibilities

- **Project Manager:** Shane Davis
Responsible for overall project oversight, coordination with the City of Hamilton, GrantWorks, and USEPA, and ensuring compliance with this HASP and the approved QAPP.
- **Site Supervisor:** Steward Tilley
Licensed Asbestos Supervisor responsible for daily on-site supervision of abatement activities, containment integrity, and enforcement of safety procedures. Authorized to stop work.
- **Health and Safety Officer (HSO):** Chris Cross
Responsible for implementation of this HASP, safety audits, PPE compliance, and incident response. Authorized to stop work for safety concerns.
- **Quality Assurance Officer:** Caden Malone
Licensed Asbestos Supervisor responsible for QA/QC oversight and

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documentation review. Independent of day-to-day field operations.

- **Air Monitoring:**
Eco Ipsum Consulere, PLLC, a Texas-licensed Asbestos Consultant Agency, will perform independent air monitoring and clearance sampling activities in accordance with the approved SSQAPP.
- All supervisory personnel, including the Site Supervisor and Health and Safety Officer, have authority to stop work if unsafe conditions or regulatory non-compliance is observed.

3. Hazard Identification and Analysis

Primary Hazards

- Airborne asbestos fibers during disturbance of ACM
- Exposure during removal, handling, and cleanup
- Slip, trip, and fall hazards due to building condition
- Electrical hazards from aging or damaged infrastructure
- Heat stress and fatigue
- Decontamination unit failures

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Secondary Hazards

- Negative air machine failure
- Power outages
- Restricted egress within containment

Structural Hazards

- Portions of the building may have **unstable or deteriorated flooring** due to age and disrepair. Floor stability will be assessed prior to entry, and unstable areas will be restricted, reinforced, or avoided as necessary.

4. Engineering Controls

- Full containment with critical barriers
- HEPA-filtered negative air machines maintaining negative pressure
- Pressure differentials monitored and documented
- Three-stage personnel decontamination units
- Equipment decontamination procedures
- Daily inspection of containments and decon units
- Work/rest cycles, hydration, and monitoring for signs of heat stress will be implemented as necessary based on site conditions.

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5. Personal Protective Equipment (PPE)

Minimum PPE

- Disposable full-body protective suits
- Gloves and disposable foot coverings
- Eye protection as required
- Hard hats and safety footwear where applicable

Respiratory Protection

- Respiratory protection provided in accordance with the site Respiratory Protection Program
- Respirator type (half-face, full-face, or PAPR) selected based on exposure assessment and work activities
- Medical clearance, fit testing, and training required prior to respirator use

6. Air Monitoring and Exposure Assessment

- Air monitoring performed by an independent third-party industrial hygiene firm
- Monitoring activities include:
 - Background air sampling

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- Perimeter air monitoring during abatement
 - Clearance air sampling following abatement
 - Monitoring methods, action levels, and decision criteria are defined in the approved QAPP
 - Work will be stopped and corrective actions implemented if monitoring indicates elevated fiber concentrations or containment failure
 - Air monitoring procedures, action levels, and data quality requirements are defined in the approved SSQAPP and will govern all monitoring activities.
-

7. Work Practices and Administrative Controls

- Regulated areas clearly posted and access restricted
 - Wet methods used to minimize fiber release
 - HEPA-filtered tools and equipment used where applicable
 - Eating, drinking, smoking prohibited in regulated areas
 - Daily housekeeping and cleanup conducted
 - Waste packaged, labeled, and handled in accordance with applicable regulations
-

8. Decontamination Procedures

- Personnel decontamination through designated three-stage decon units

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- Contaminated PPE disposed of as asbestos waste
- Equipment decontaminated prior to removal from containment
- Decon units inspected daily for integrity and cleanliness

9. Incidental / De Minimis Materials

Minor incidental materials may be present at the site, including:

- One lead-acid vehicle battery
- One bucket containing a small quantity of petroleum-based oil

These materials are **not part of the primary asbestos cleanup scope**. Identified incidental materials will be:

- Segregated from asbestos waste
- Properly containerized
- Managed and disposed of or recycled at approved facilities
- Handled in a manner that prevents releases and minimizes worker exposure

No additional environmental sampling is anticipated for these materials.

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10. Emergency Procedures

Medical Emergencies

- Call **911** immediately
- Nearest emergency medical facility:

Hamilton Healthcare System

400 N. Brown Street
Hamilton, Texas 76531
Phone: (254) 386-1600
24-hour emergency services available

Fiber Release Episode

- Stop work immediately
- Secure and isolate affected area
- Repair containment as necessary
- Notify Project Manager and HSO
- Document incident
- Conduct additional air monitoring as required

Fire or Power Failure

- Evacuate containment as needed

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- Account for personnel
- Notify Project Manager and HSO
- Resume work only after conditions are deemed safe

11. Training and Qualifications

- All asbestos work performed by properly licensed personnel
- Supervisors hold current asbestos supervisor licenses
- Workers have current asbestos training
- Respirator training and medical clearance required
- Daily safety meetings conducted and documented

12. Site Control and Security

- Access limited to authorized personnel
- Regulated area signage posted
- Barriers maintained to prevent unauthorized entry
- Residential surroundings considered in site security planning

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13. HASP Review and Amendments

This HASP is a dynamic document and may be revised as site conditions change or if required by USEPA. All revisions will be documented and communicated to site personnel.

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