

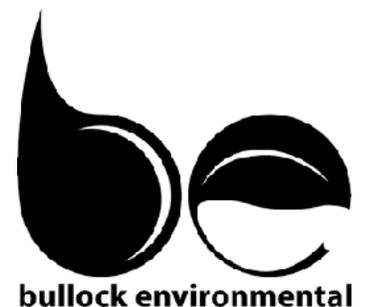
HEALTH AND SAFETY PLAN



**AUNT KATIE'S GARDEN
SOUTHEAST CORNER OF
WHIDDON & LINDEN STREETS
DOTHAN, HOUSTON COUNTY, ALABAMA**

Prepared for:

**City of Dothan
126 North Saint Andrews Street
Room 305
Dothan, Alabama 36303**





bullock environmental, llc

4924 5th avenue south, birmingham, alabama 35222

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SITE HEALTH & SAFETY PLAN

A. GENERAL INFORMATION

SITE: Aunt Katie's Community Garden Expansion

JOB NUMBER: 20-DOTH02

LOCATION: Intersection of Whiddon & Linden Streets, Dothan, Alabama

PLAN PREPARED BY: Douglas A. Bullock

DATE: February 1, 2021

APPROVED BY: _____

DATE: _____

OBJECTIVE(S):

1. Excavation of arsenic-impacted soil from ground surface to two feet below land surface (BLS); and
2. Transportation and disposal of arsenic-impacted soil to an approved disposal facility.

PROPOSED DATE OF CLEANUP ACTIONS: March 1 through March 15, 2020

BACKGROUND REVIEW: Complete: X Preliminary: __

DOCUMENTATION/SUMMARY: Overall Hazard: Serious: __ Moderate: X

B. SITE/WASTE CHARACTERISTICS

WASTE TYPE(S): Liquid __ Solid X Sludge __ Gas

CHARACTERISTIC(S): None (TCLP analysis indicated no characteristically hazardous waste)

Corrosive <u>__</u>	Ignitable <u>__</u>	Radioactive <u>__</u>
Toxic <u>__</u>	Reactive <u>__</u>	Volatile
Unknown <u>__</u>	Other (name)	

FACILITY DESCRIPTION: The Site consists of a 0.15-acre vacant parcel of land with narrow strip of wooded area along the eastern boundary. Historical aerial photographs and fire insurance maps indicate that the property was undeveloped from at least 1920 to at least

1951 and was occupied by an electrical substation from at least 1961 to at least 1997 and has been vacant land since approximately 2003.

PRINCIPAL DISPOSAL METHOD (type and location): Arsenic-impacted soil to be excavated and transported to a permitted landfill for disposal as non-hazardous waste.

UNUSUAL FEATURES (dike integrity, power lines, terrain, etc): The Site is fenced with a narrow ingress/egress point along the northern boundary. Residential properties are adjacent to the East, West (across Linden Street), and North (across Whiddon Street) while Aunt Katie's Community Garden is located immediately South.

STATUS (active, inactive, unknown): Inactive

HISTORY (worker/non-work injury; complaints from public; previous agency action): None

C. HAZARD EVALUATION

Soil: Previous assessment activities found that site contaminants are limited to arsenic and low-level polynuclear aromatic hydrocarbons (PAHs). Corrective action will consist of excavating and removing the top two feet of soil (which has documented arsenic concentrations above applicable residential screening levels established by the U.S. Environmental Protection Agency (EPA).

D. SITE SAFETY WORK PLAN

PERIMETER ESTABLISHMENT: Map/Sketch Attached: X Site Secured X
Perimeter Identified: X Zone(s) of Contamination identified X

PERSONAL PROTECTION:

Level of Protection: A __ B __ C __ D X

Modification: Site workers will be required to wear high visibility safety vests, boots and hard hats. Workers handling samples will be required to wear nitrile gloves.

Surveillance Equipment and Materials: Air sampling stations will be set up along the perimeter to collect samples during excavation.



DECONTAMINATION PROCEDURES: Staging areas will be constructed to mitigate offsite transfer of contamination and must be approved by the Onsite Coordinator.

SITE ENTRY PROCEDURES: Only authorized personnel will be allowed on the site and they must sign-in with the Onsite Coordinator. Workers must keep out of the way of heavy equipment at all times.

TRAFFIC: Trucks will be on and off the site between 8 AM and 5 PM. Spotters and/or flagmen will be available for both ingress and egress.

TEAM MEMBER / RESPONSIBILITY:

Samuel Smith, Bullock Environmental, LLC / Project Oversight - Onsite Coordinator

Douglas A. Bullock, Bullock Environmental, LLC / Project Oversight - Project Manager

Connor Kirkland, Bullock Environmental, LLC / Project Support for Onsite Coordinator

Action Environmental, LLC Personnel / Excavation Activities - Remedial Contractor

WORK LIMITATIONS (time of day, etc.): Daylight (7 AM to 5 PM)

INVESTIGATION-DERIVED MATERIAL DISPOSAL: Arsenic- impacted soil generated during excavation activities will be removed and transported offsite to an approved disposal facility.

E. EMERGENCY INFORMATION

Emergency: 911

Dothan Police Department: Non-emergencies: (334) 793-0215

Emergencies: 911

Dothan Fire and Rescue Service: Larry Williams, Fire Chief: (334) 615-4522

Emergencies: Sean Gibson (334) 615-4501

Dothan Fire Station #1: (334) 615.3500

Houston County Emergency Management Agency (EMA): (334) 794-9720

Alabama Department of Environmental Management (ADEM), Montgomery: 334-271-7700

Hospital Emergency Room: Southeast Health

(334) 793-8311 (1108 Ross Clark Circle, Dothan AL)

Directions: 1. Head south on Linden St toward Chickasaw St (43 ft)
2. Turn left at the 1st cross street onto Chickasaw St (0.4 mi)
3. Turn right onto N Oates St. (0.5 mi)
4. Turn left onto W Main St (1.7 mi)



Aunt Katie's Community Garden

FoodLife Center

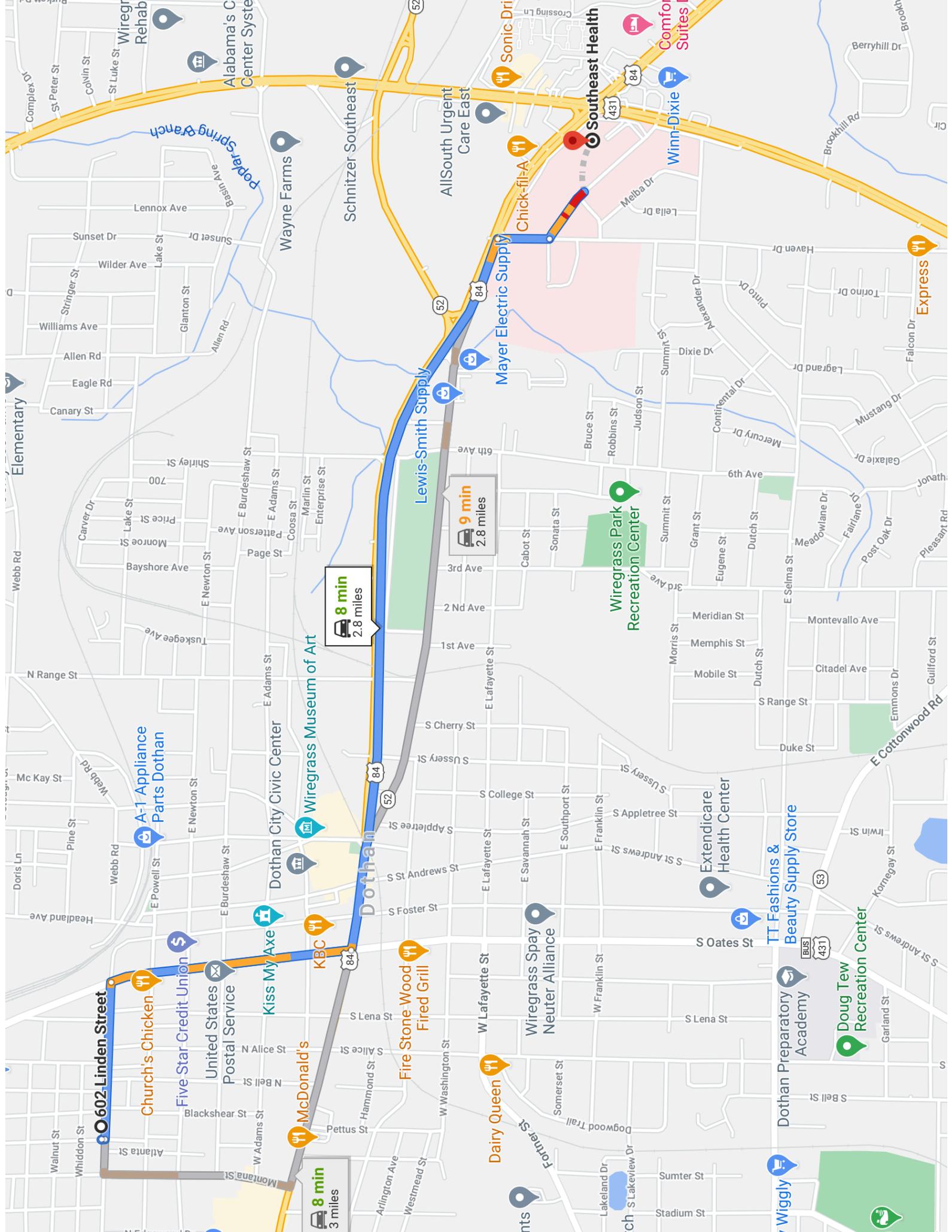


CHICKASAW



PROJECT
HEALTH & SAFETY PLAN
EPA BROWNFIELDS CLEANUP GRANT
(COOPERATIVE AGREEMENT #: BF-01D11020-0)
CITY OF DOTHAN
AUNT KATIE'S GARDEN EXPANSION
602 LINDEN STREET, DOTHAN, HOUSTON COUNTY, ALABAMA

FIGURE 1
SITE PLAN



602 Linden Street

Church's Chicken
Five Star Credit Union

United States Postal Service
Kiss My Axe

McDonald's
KBC

Fire Stone Wood Fired Grill

Dairy Queen

Wiregrass Spay Neuter Alliance

Dothan City Civic Center

Wiregrass Museum of Art

Wiregrass Park Recreation Center

Extindicare Health Center

TT Fashions & Beauty Supply Store

Dothan Preparatory Academy

Doug Tew Recreation Center

8 min 2.8 miles

8 min 3 miles

9 min 2.8 miles

8 min 2.8 miles



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**INCIDENT REPORT
AUNT KATIE'S COMMUNITY GARDEN
CLEANUP GRANT**

DATE	
TIME	
WEATHER CONDITIONS	
PERSONNEL ON SITE	
NAME OF PERSONNEL INVOLVED IN INCIDENT	
INCIDENT DETAILS	



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**DAILY HEALTH AND SAFETY MEETING LOG
AUNT KATIE'S COMMUNITY GARDEN
CLEANUP GRANT**

DATE	
TIME	
WEATHER CONDITIONS	
TOPICS DISCUSSED	
SIGNATURES OF PERSONNEL ATTENDING MEETING	