

Denbury Carbon Solutions, LLC

Emergency and Remedial Response Plan

Draco Storage Facility, Allen, Beauregard, and Vernon Parishes, Louisiana



TABLE OF CONTENTS

1.0 FACILITY INFORMATION 1

2.0 LOCAL RESOURCES AND INFRASTRUCTURE 2

3.0 POTENTIAL RISK SCENARIOS 4

4.0 WELL MONITORING METHODS AND DATA ANOMALY VALIDATION 4

5.0 EMERGENCY IDENTIFICATION AND RESPONSE ACTIONS 5

 5.1 Well Integrity Failure 5

 5.2 Injection Well Monitoring Equipment Failure..... 6

 5.3 Fluid (CO₂, Brine, Formation Fluid) Leakage to USDW 7

 5.4 Fluid (CO₂, Brine, Formation Fluid) Leakage to Surface 8

 5.5 Natural Disaster..... 9

6.0 RESPONSE PERSONNEL AND EQUIPMENT..... 11

 6.1 Internal Notification Process 11

 6.2 National Incident Management System (NIMS) Incident Command System (ICS)..... 12

7.0 EMERGENCY COMMUNICATIONS PLAN 14

8.0 PLAN REVIEW..... 14

9.0 STAFF TRAINING AND EXERCISE PROCEDURES 14

LIST OF TABLES

LIST OF FIGURES

ACRONYMS/ABBREVIATIONS

Acronyms/Abbreviations	Definition
AoR	Area of Review
AED	Automated External Defibrillator
bgs	Below ground surface
CFR	Code of Federal Regulations
CO ₂	Carbon dioxide
CPR	Cardiopulmonary Resuscitation
ERRP	Emergency and Remedial Response Plan
FOSC	Federal On-Scene Coordinator
GIS	Geographic Information System
GSDT	Geologic Sequestration Data Tool
HAZWOPER	Hazardous Waste Operations and Emergency Response
HSE	Health, Safety, and Environment
IC	Incident Commander
ICS	Incident Command System
LAC	Louisiana Administrative Code
LDEQ	Louisiana Department of Environmental Quality
LDNR	Louisiana Department of Natural Resources
LLC	Limited Liability Company
NIMS	National Incident Management System
NRC	National Response Center
Ops	Operations
PHMSA	Pipeline and Hazardous Materials Safety Administration
PREP	Preparedness Response Exercise Program
RP	Responsible Party
SONRIS	Strategic Online Natural Resources Information System
SOSC	State On-Scene Coordinator
UC	Unified Command
UIC	Underground Injection Control
USDW	Underground Source of Drinking Water
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VP	Vice President

1.0 FACILITY INFORMATION

Facility Name: Draco Storage Facility

Facility Location:

Mailing Address: 5851 Legacy Circle, Suite 1200
Plano, Texas 75024

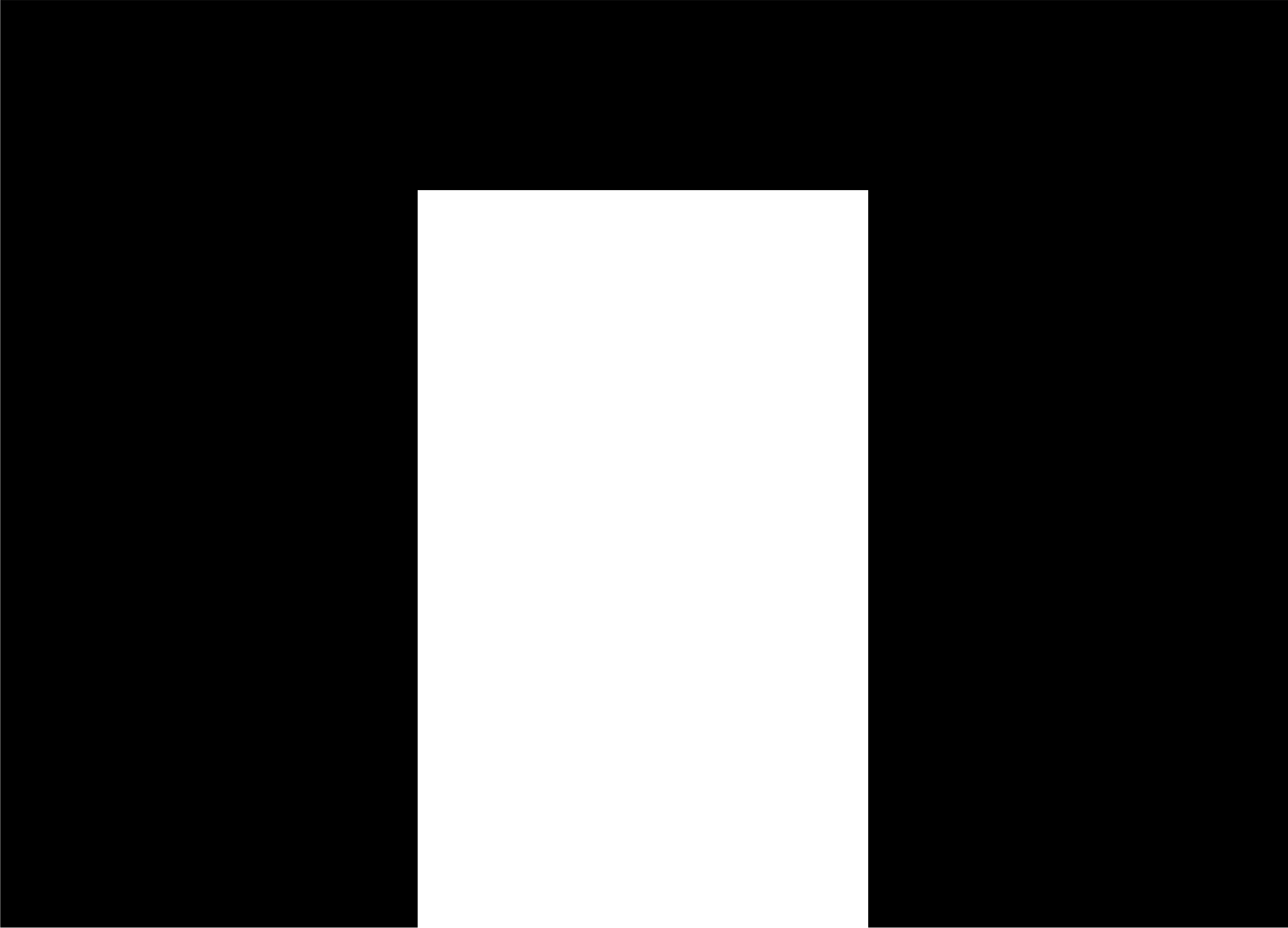
Well Location(s)

This Emergency and Remedial Response Plan (ERRP) describes the actions that Denbury Carbon Solutions, LLC (Denbury) will perform at the Draco Storage Facility in Allen, Beauregard, and Vernon Parishes, Louisiana in the event of an emergency that could endanger public health and safety or any underground source of drinking water (USDW) during the construction, operation, or post-injection site care periods.

If Denbury obtains verified evidence that the injected CO₂ stream and/or associated pressure front may cause endangerment to a USDW, Denbury must perform the following actions:

2.0 LOCAL RESOURCES AND INFRASTRUCTURE





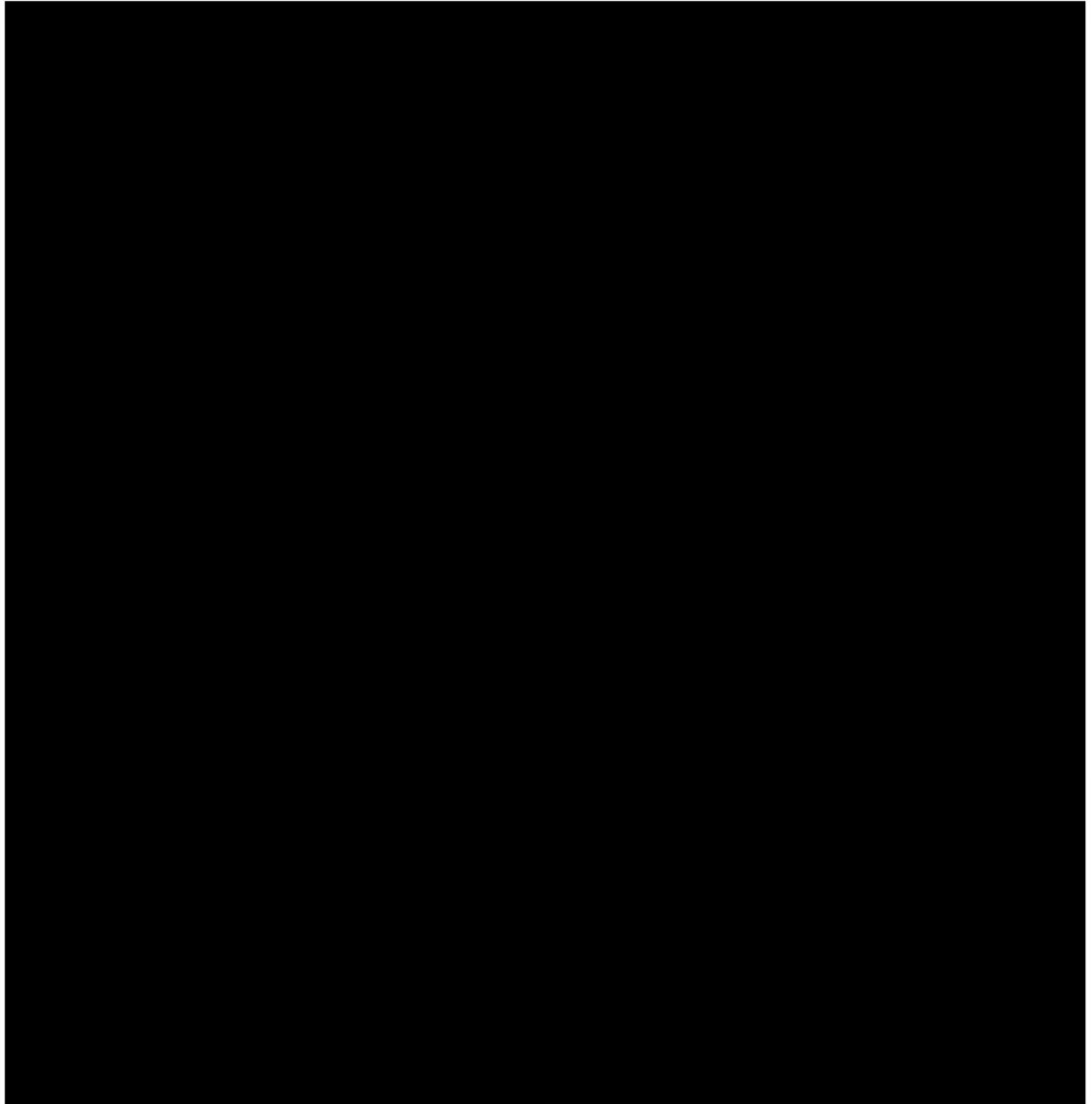
3.0 POTENTIAL RISK SCENARIOS

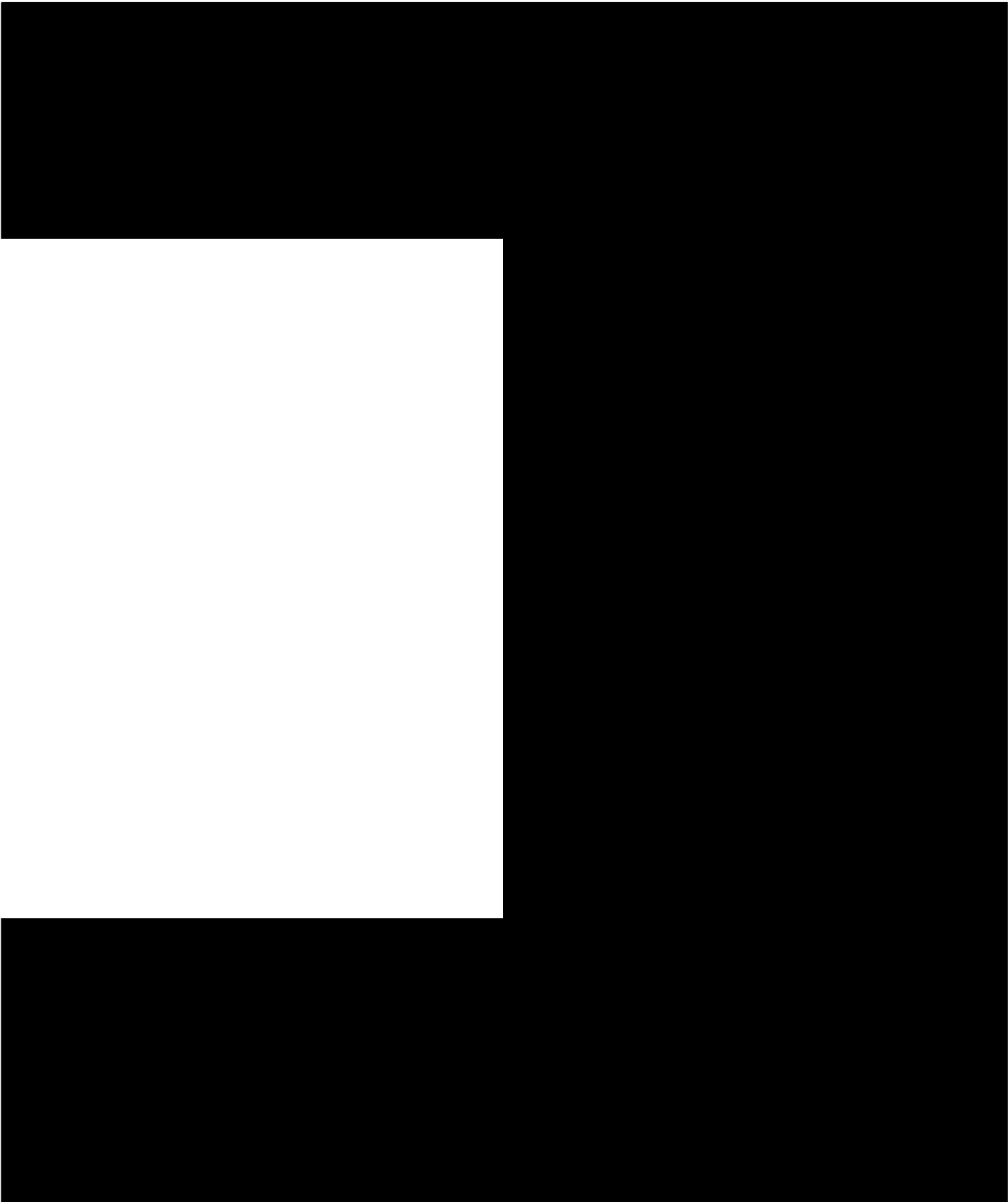
4.0 WELL MONITORING METHODS AND DATA ANOMALY VALIDATION

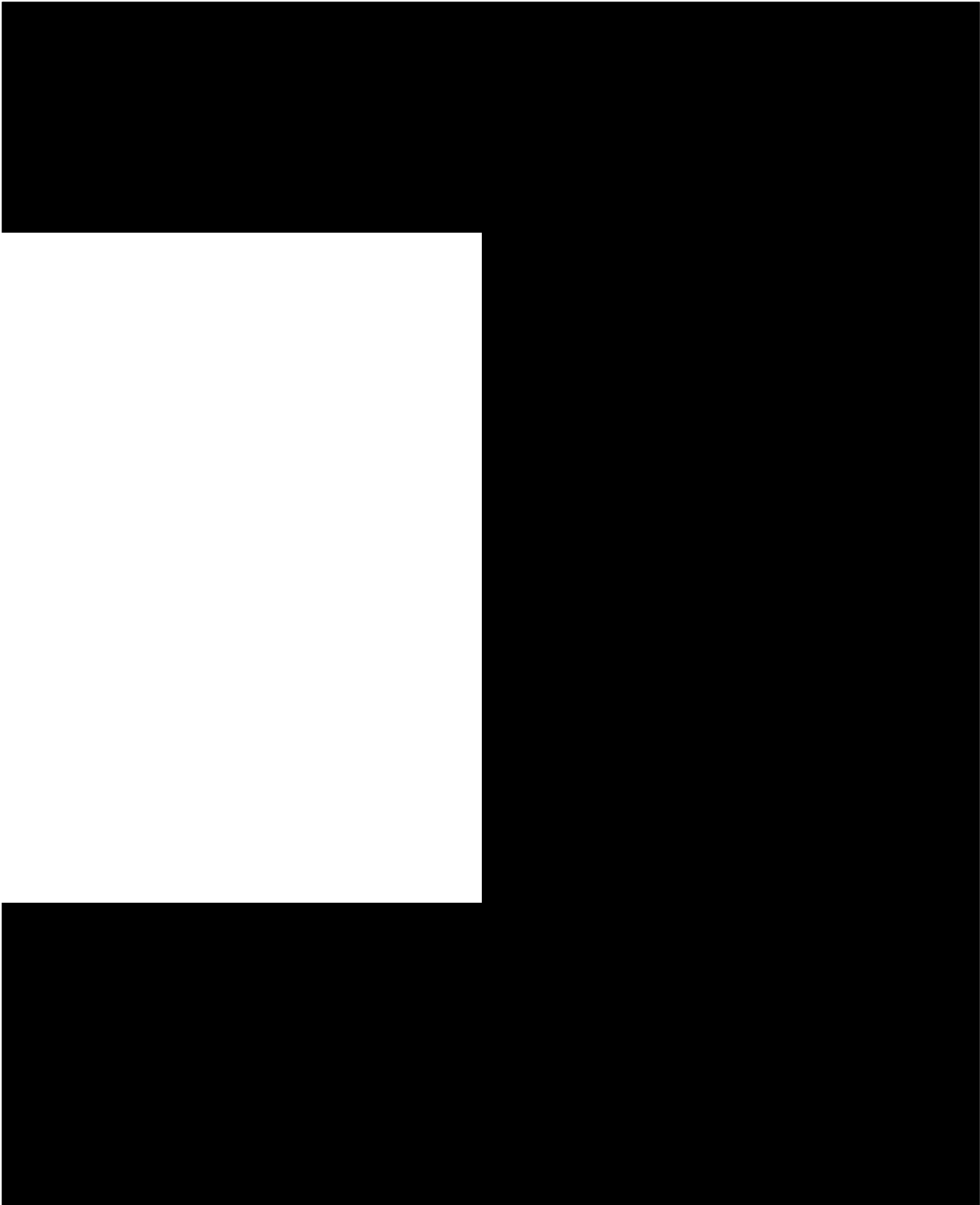
Denbury will utilize several methods of monitoring to ensure that all CO₂ and associated reservoir fluids remain inside the permitted injection zone(s), which are further described in the Testing and Monitoring Plan.

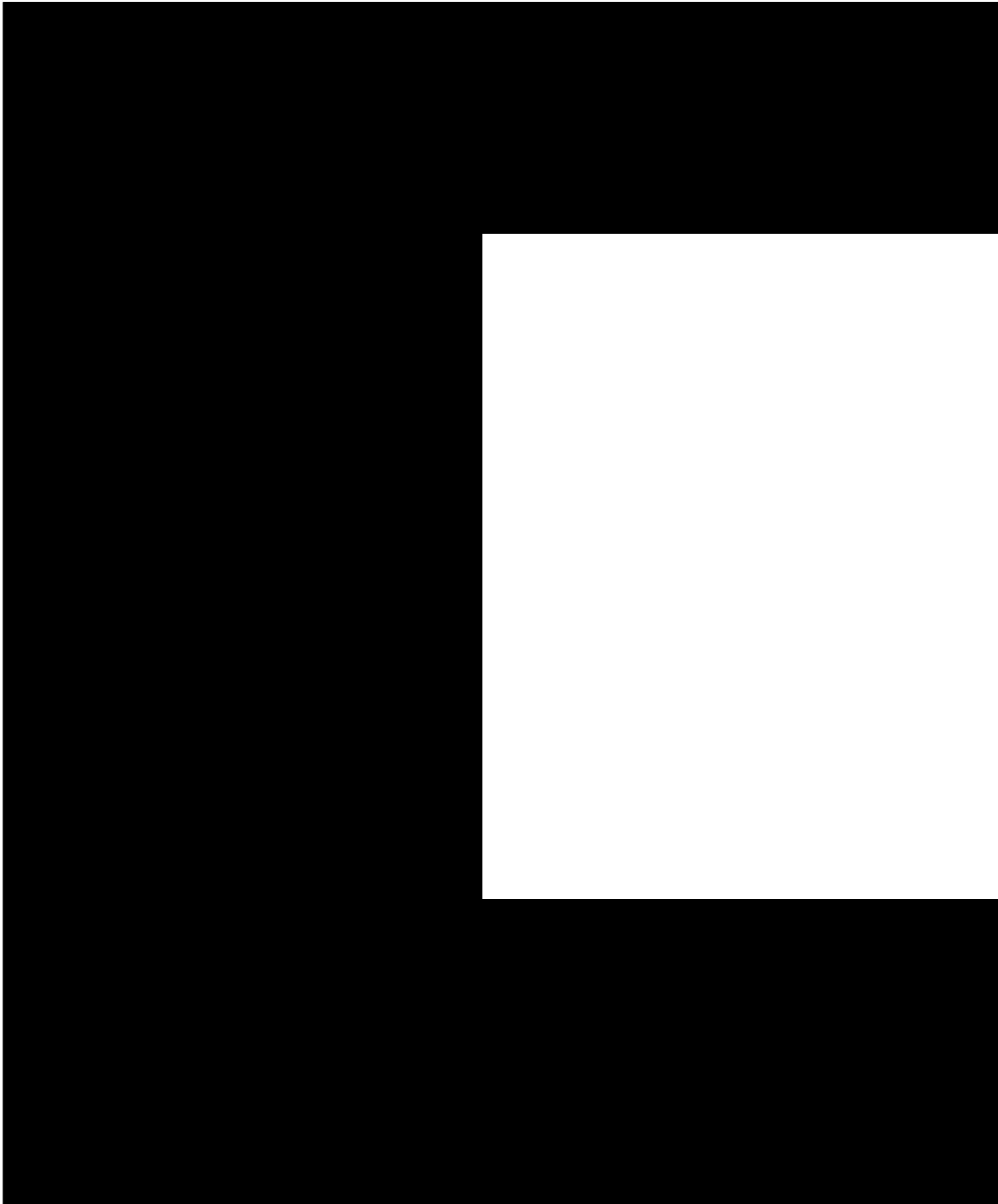
5.0 EMERGENCY IDENTIFICATION AND RESPONSE ACTIONS

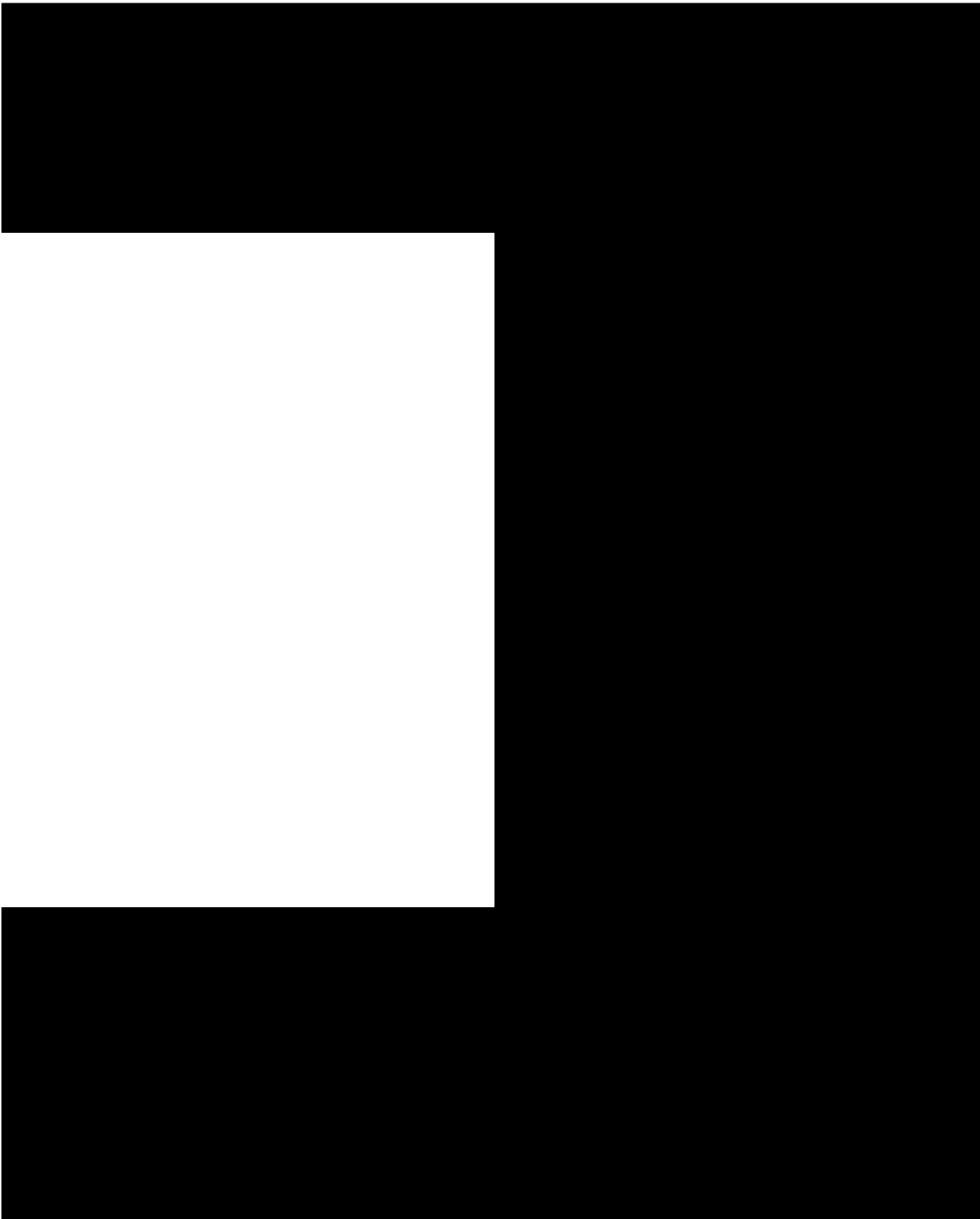
Steps to identify and characterize the event will be dependent on specific issues identified, and the severity of the event. The potential risk scenarios are detailed below.

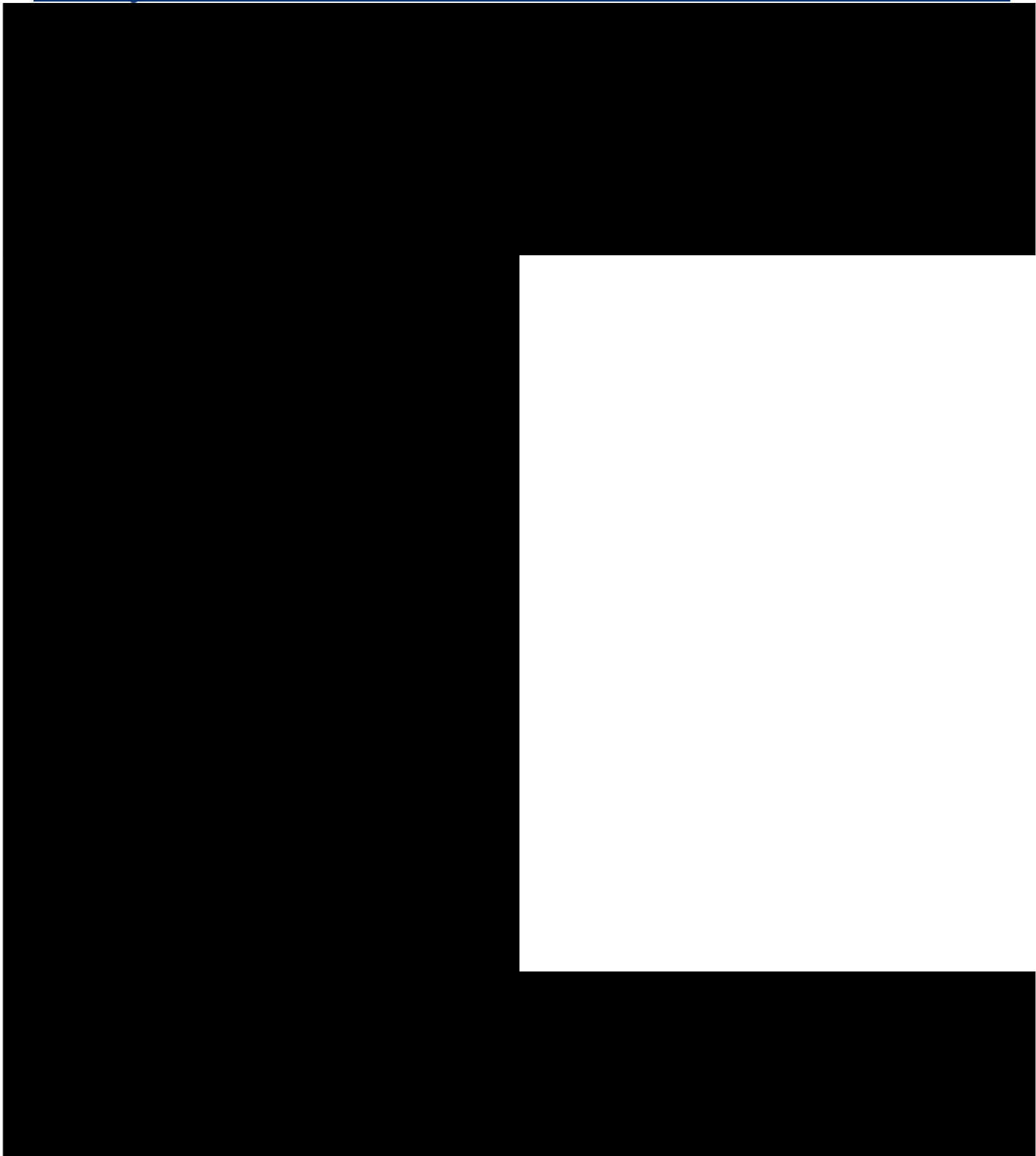






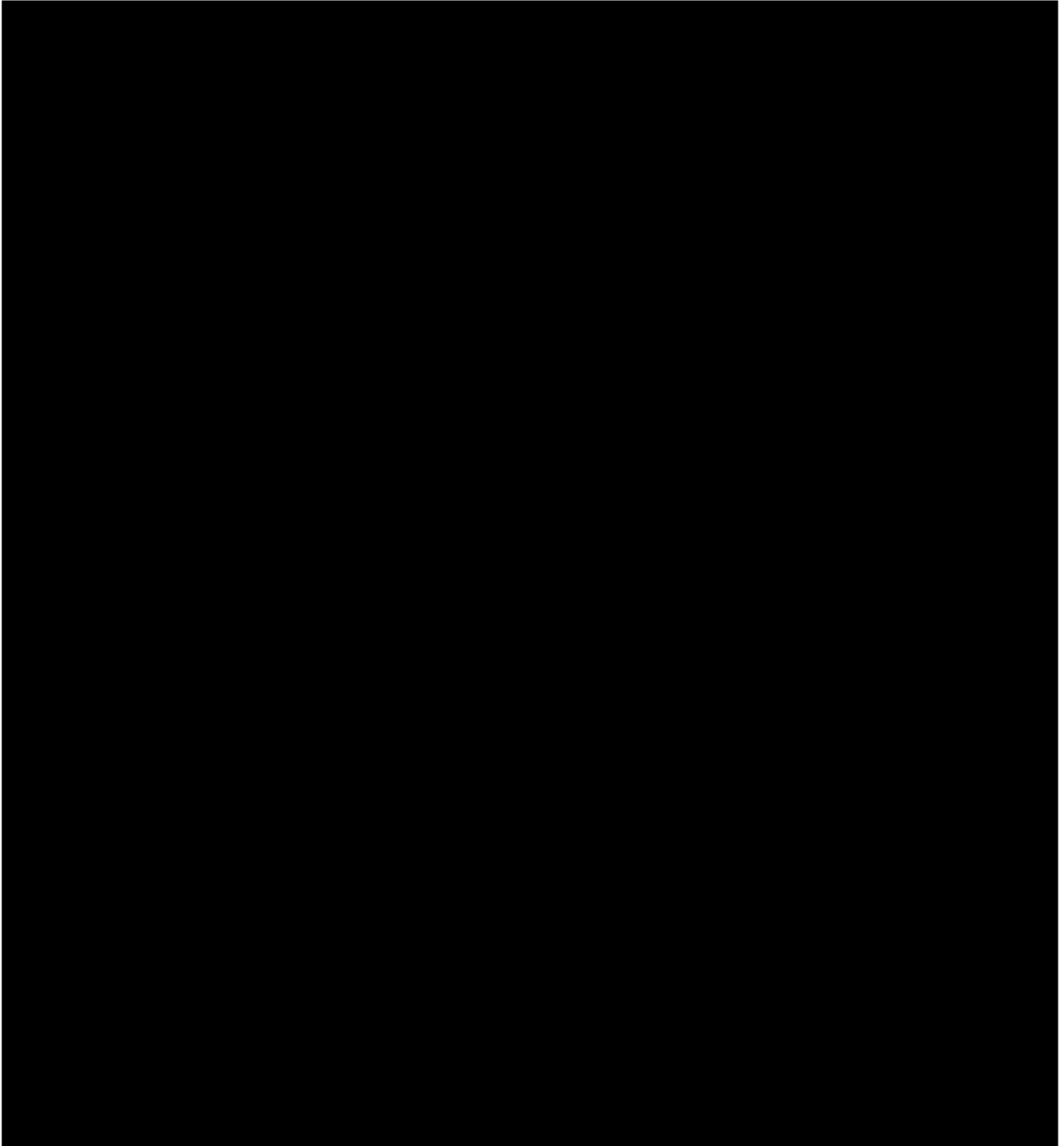






6.0 RESPONSE PERSONNEL AND EQUIPMENT

6.1 INTERNAL NOTIFICATION PROCESS



6.2 NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) INCIDENT COMMAND SYSTEM (ICS)

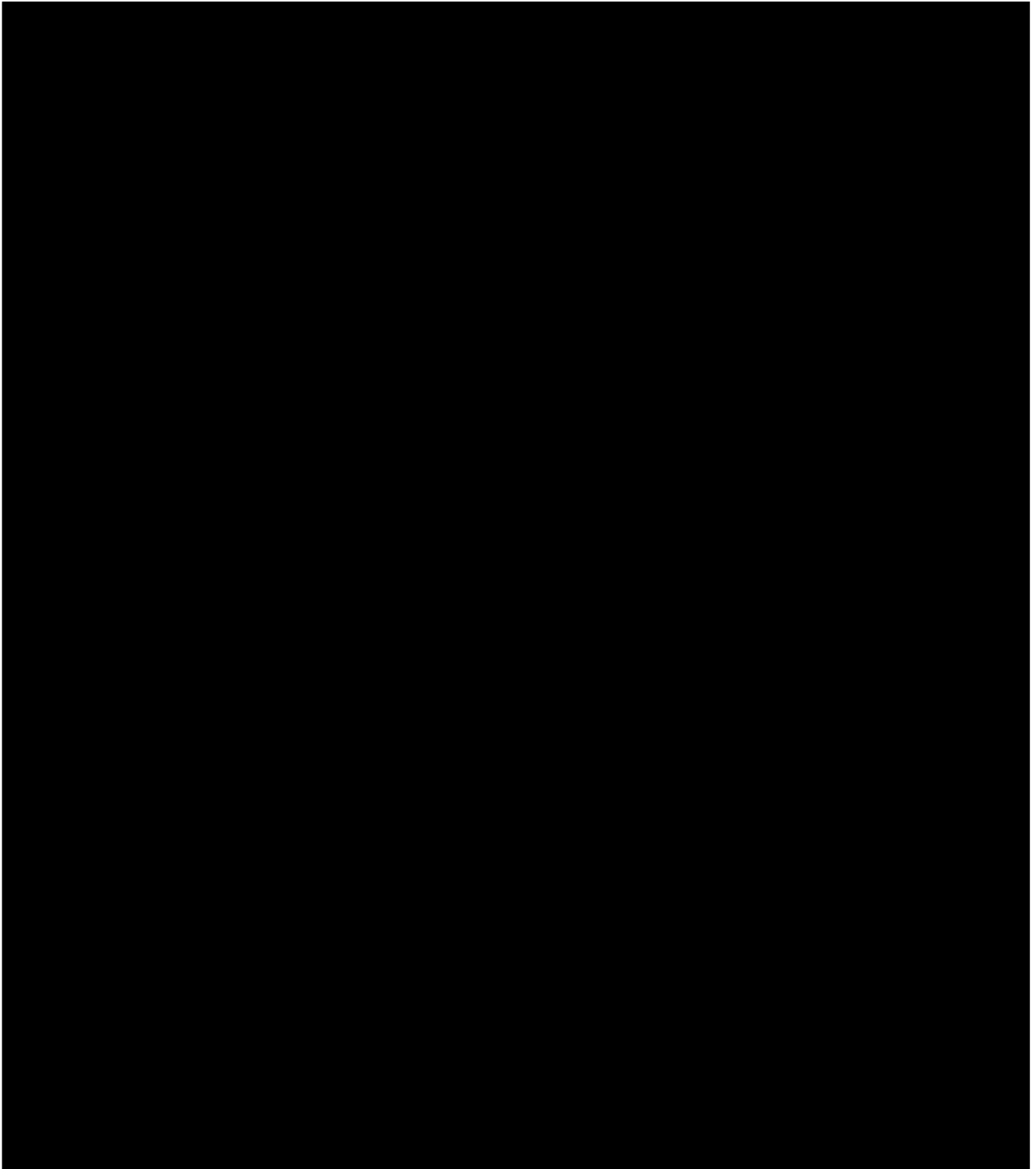


Table 2 2: Contact information for key local, state, and other authorities

Agency	Contact Information
Local police	911
Allen Parish Sheriff	911; 337-639-4353
Beauregard Parish Sheriff	911; 337-463-3281
Vernon Parish Sheriff	911; 337-238-1311
State police	337-491-2511; 888-225-5577 (Lake Charles Troop)
Allen Office of Emergency Preparedness	214-509-4400
Beauregard Office of Emergency Preparedness	337-460-5447
Vernon Office of Emergency Preparedness	337-238-0815
Louisiana Department of Environmental Quality	225-219-5337
Louisiana Department of Natural Resources – Injection and Mining Division	225-342-5515
Enhanced Environmental & Emergency Services (E3)	844-833-0939
UIC Program Director USEPA Region 6 – Class VI Contact	Brandon Maples – 214-665-6439
USEPA National Response Center (24 hours)	800-424-8802
State Geological Survey	205-349-2852
USEPA Region 6	214-665-7150

7.0 EMERGENCY COMMUNICATIONS PLAN

8.0 PLAN REVIEW

This ERRP shall be reviewed:

- At least once every five (5) years following its approval by the permitting agency;
- Within one (1) year of an AoR re-evaluation;
- Within one (1) year following significant changes to the injection process or injection facility, or an emergency event; or
- As required by the permitting agency

9.0 STAFF TRAINING AND EXERCISE PROCEDURES

The first part of the paper discusses the importance of understanding the cultural context of the research. It highlights the need for researchers to be sensitive to the values and beliefs of the communities they are studying. This is particularly important in the field of education, where cultural differences can significantly impact learning outcomes. The paper then moves on to discuss the challenges of conducting research in culturally diverse settings. It notes that researchers often face difficulties in establishing rapport with participants and in interpreting their responses. To address these challenges, the paper suggests several strategies, including the use of local informants and the development of culturally appropriate research instruments. The final part of the paper discusses the importance of ethical considerations in cross-cultural research. It emphasizes the need for researchers to obtain informed consent from participants and to ensure that their research does not cause harm to the communities they are studying.