



OUTPUT 08 — EMERGENCY ARRANGEMENTS

● FOR APPROVAL · DRILLS BOOKED

BAI-EMR-AWS-CSP-001 · REV 01

Emergency Arrangements

Emergency contacts, rescue plan, fire procedure, first aid, spill response and escalation. **The confined space rescue plan is the cornerstone** — every entrant understands it before any entry is authorised.

CLIENT	SITE	WORK TYPE	PROGRAMME
Anglia Water Services · statutory undertaker	Cambridge city centre Mill Road / Hooper Street · CB1 2AS	Confined space Sewerage upgrade · brick-built sewer chamber entry	8 weeks Phased entry · max 30 mins per cycle

AI-ASSISTED This emergency arrangements plan was generated against Built AI's confined space and emergency-response knowledge base. Procedures calibrated to the specific risks of sewer entry in a city-centre location. **The plan is briefed to every operative at induction and refreshed at start of every shift involving confined space entry. Live drills are scheduled before mobilisation and every fortnight thereafter.**

12 EMERGENCY CONTACTS	5 PROCEDURE SCENARIOS	1 CRITICAL SCENARIO - CS RESCUE	2 FIRST AIDERS PER SHIFT	3 SPILL KITS ON SITE
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CONFINED SPACE — PRE-MOBILISATION GATES

Before any confined space entry is authorised on this project, all of the following must be in place. The Site Supervisor will not sign a confined space permit unless every item is confirmed:

- Confined space rescue drill complete** — full mock retrieval at the live entry point with the Anglia Water rescue team. Booked for Mon 11 May.
- Atmospheric monitoring calibrated** — pre-shift bump test and calibration certificate in date for every monitor.
- Tripod, winch and harness inspection current** — LOLER thorough exam in date. Pre-use inspection logged daily.
- Communication test** — radio link between top-man and supervisor proven each shift; back-up phone on hand.
- Top-man stationed and dedicated** — no other duties. Trained Confined Space CAT B (City & Guilds 6160-04). Permit identifies them by name.
- HART and Anglia Water Rescue pre-briefed** — confirmed in advance for the shift; not requested only on incident.

Emergency contacts

NO.	ROLE / FUNCTION	DESCRIPTION	NUMBER	AVAIL.
01	Built AI Site Supervisor (on shift) Primary site authority · permit signatory · all emergency calls		07700 900 121	ON SITE
02	Built AI Confined Permanent station at confined			AT ENTRY

	Space Top-man	space entry · radio + phone		07700 900 122	
03	Built AI Project Manager	Out-of-hours escalation · client liaison · incident commander		07700 900 105	ON CALL
04	Anglia Water Services Duty Manager	Statutory undertaker liaison · sewerage authority		0345 714 5145	24/7
05	Anglia Water Confined Space Rescue	Pre-arranged specialist rescue team for sewer entry		0345 714 5145 ext 2	ON CALL
06	Cambridge Fire & Rescue (HART)	Hazardous area response team · confined space rescue capability		999 / 112	24/7
07	Addenbrooke's Hospital A&E	Nearest major trauma centre · 4.2 miles		01223 245 151	24/7
08	NHS 111 (non-emergency)	Non- trauma medical advice		111	24/7
09	Environment Agency — pollution incident	Statutory hotline · sewer discharge / spill events		0800 80 70 60	24/7

10	City of Cambridge Police (non-emergency) - Non-emergency reporting - public order - road closure		101	24/7
11	First Aider 1 (designated) - FAW certified - on shift - located at site cabin		07700 900 131	ON SITE
12	First Aider 2 (designated) - FAW certified - on shift - located at confined space entry		07700 900 132	ON SITE

Procedures by scenario



EMR-01

Confined space rescue plan

CRITICAL

The single highest-stakes scenario for these works. The rescue plan below is non-negotiable. Every operative entering the chamber understands it. The top-man is dedicated and stations at the entry for the duration of every entry.

- | | |
|----|--|
| 01 | Top-man identifies emergency
Visible sign of casualty distress, gas alarm activation, no response on comms, atmospheric monitor alarm. Top-man does NOT enter the chamber under any circumstances. |
| 02 | Activate rescue protocol
Top-man radios the rescue team immediately using pre-programmed frequency. Activates rescue siren at site entry. Site Supervisor notified. |
| 03 | Tripod & winch — controlled retrieval
Casualty is on harness with tripod & winch attached. Top-man operates winch from outside. Casualty lifted out without anyone entering. Mechanical retrieval only. |
| 04 | Site supervisor coordinates
Site Supervisor takes incident command at the entry. Radios 999/112 for HART. Anglia Water Confined Space Rescue notified. |
| 05 | Casualty assessment
First aider assesses casualty above ground. Recovery position, airway management, oxygen if available. Do not delay 999 call awaiting assessment. |
| 06 | Specialist rescue arrives
Anglia Water Confined Space Rescue and Fire HART are pre-briefed on site location. ETA 15-20 mins. Site supervisor briefs them on arrival. Worksite handed over to rescue team. |
| 07 | Stop-works after incident
Works stop. Permit revoked. RIDDOR notification within statutory window. Investigation by Site Supervisor + Project Manager + Anglia Water Duty Manager before any return to works. |



EMR-02

Fire emergency procedure

Outdoor utilities works with limited combustible materials, but plant fires (vehicles, generator, fuel) and building fire risk to public still apply. Standard 999 protocol with site-specific arrangements.

01 Detect & raise alarm

Any operative discovers fire — shouts FIRE FIRE FIRE; activates portable air-horn at site cabin; uses radio to alert Site Supervisor.

02 Size up — fight or evacuate?

Site Supervisor assesses. **Small contained fire:** trained fire warden may attempt control with appropriate extinguisher. **Anything else:** evacuate.

03 Evacuate worksite

All operatives evacuate to muster point at junction of Mill Road and Hooper Street. Roll call by Site Supervisor against site sign-on register.

04 Call 999

Site Supervisor calls 999 — gives location, scale, casualties, materials involved, public risk.

05 Public protection

Public footpath cordoned at fire side. Street furniture and utilities advised.

06 Handover to fire service

Site Supervisor briefs incoming Fire Officer. Provides plans of underground services, fuel locations, list of operatives confirmed at muster.

07 Return to works

No return until fire service confirm safe and Site Supervisor authorises. RIDDOR notification if applicable.



EMR-03

First aid arrangements

Two FAW-qualified first aiders on every shift. First aid kit at site cabin and at confined space entry. AED in supervisor vehicle. Addenbrooke's Hospital A&E is 12 minutes by road.

01

Minor injury (cuts, bruises, sprains)

Treat at site cabin. First aid record completed. Operative returns to duties if fit.

02

Moderate injury (manual handling, falls)

Treat at site cabin. First aider assesses fitness for work. If unable to return, escort to home or to local minor injuries unit. RIDDOR if >7 days off.

03

Serious injury (head injury, suspected fracture, asphyxia)

Call 999 immediately. Do not move casualty unless in immediate danger. First aider stabilises, monitors airway and breathing. Site Supervisor notified.

04

Cardiac event

Call 999. Apply CPR if no pulse/breathing. AED retrieved from supervisor vehicle. Continue compressions until paramedics arrive.

05

Hazardous substance exposure

Move casualty to fresh air. Eye-wash for 15+ minutes if eye contact. Skin contact: copious water rinse. SDS retrieved for hospital. Call 999.

06

Document & report

First aid record completed. RIDDOR notification within window if applicable. Incident report by Site Supervisor.

**EMR-04****Spill / pollution incident response**

Sewer works carry inherent risk of unintended discharge. Site is in central Cambridge with surface drainage to the Cam tributary. Spill kits located at three points on site.

01 Identify spill
Any sheen, fluid, or material visibly leaving the worksite. Operative shouts SPILL SPILL SPILL. Site Supervisor notified.

02 Stop the source
Plug, isolate, divert, or contain at source. Plant operator shuts down equipment if applicable. Fuel/oil refuelling halted.

03 Contain spread
Spill kits deployed. Drain bungs in nearest gullies. Absorbent pads on water surface. Bunding around source if applicable.

04 Notify Environment Agency
Site Supervisor calls 0800 80 70 60 — gives location, substance, quantity (estimate), receiving water (the Cam), actions taken. Time of notification logged.

05 Notify Anglia Water
Statutory undertaker notified — they may take over containment if substantial.

06 Contain & clean-up
Hazardous waste hauler called for contaminated absorbents and contaminated soil. Post-incident sample retained for 7 days.

07 Investigation & RIDDOR
Root cause investigation. RIDDOR if applicable. Lessons-learned briefing within 7 days. Permit revoked until controls reviewed.



EMR-05

Communication & escalation protocol

Clear comms protocol so the right person is informed at the right time. Radio is primary on-site comms; phone is back-up. Out-of-hours escalation to Project Manager.

01

Operative-to-supervisor

All operatives equipped with radio. Each shift starts with radio check. Supervisor monitors all channels at all times.

02

Supervisor-to-PM

Project Manager is on call 24/7. Notified of any incident at supervisor's discretion — always notified for: 999 call · police call · pollution incident · serious injury · stoppage of works.

03

Internal-to-client

Anglia Water Duty Manager notified within 30 mins of any 999 call or pollution incident. Routine progress reporting via daily email digest.

04

Internal-to-public/press

All public and media communications via Project Manager and Anglia Water comms team only. **No operative speaks to press.**

05

Incident escalation matrix

Severity 1 (life threatening) → 999 + PM + Anglia Water + Built AI Director · < 5 mins.
Severity 2 (lost-time injury, near miss, major spill) → PM + Anglia Water · < 30 mins.
Severity 3 (minor injury, near miss) → daily report to PM · < 24 hrs.

DRILL SCHEDULE

Mon 11 May 2026 · 09:00-11:00 — full confined space rescue drill at live entry point. Anglia Water rescue team in attendance. Scenarios: unconscious casualty, atmospheric alarm, communication failure. Outcome documented and lessons-learned briefed.

Every fortnight thereafter — confined space rescue refresher (15-min tabletop) at Monday morning safety briefing. Full physical drill repeats at week 5 of the programme.

EMERGENCY PLAN — BUILT AI

Author confirmation

I confirm this emergency arrangements plan reflects the specific risks of confined space sewer entry on this site. Contacts have been verified. Procedures are calibrated to the entry point. Drills are scheduled. The plan will be briefed to every operative at induction.

AUTHOR + ROLE

SIGNATURE + DATE

APPROVER — ANGLIA WATER DUTY MANAGER

Statutory undertaker sign-off

As nominated Anglia Water authority I confirm that the emergency arrangements have been agreed, the rescue team is on call for the duration of works, and the drill schedule is acceptable. No CS entry until the drill on Mon 11 May is complete and signed off.

ANGLIA WATER DUTY MANAGER

SIGNATURE + DATE

ABOUT THIS DOCUMENT

RAMS Factory™ Output 08 — Emergency Arrangements. Prepared by Built AI for confined space sewer works in Cambridge city centre. Demonstration document — all client and site details fictionalised.

OUTPUT 08 OF 11

01-07 Earlier outputs

→ **08 Emergency Arrangements**

09 Competency & Training

10 Evidence Pack Checklist

11 RAMS QA Checklist

DOCUMENT CONTROL

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