




CASE STUDY


Pajaro River Levee Breach


Client Sector: Government – County


This case study highlights ATI Restoration's ability to deliver effective, timely, and transparent disaster response services, ensuring community resilience in the face of catastrophic events.

Services

 Muck-Out of Mud

 Selective Demolition

 Water Damage Remediation

 Lead Abatement



Major Event Overview

In March of 2023, FEMA declared a national disaster when a winter storm struck Monterey County, CA. This caused the Pajaro River levee to fail sending flood waters and mud throughout the Pajaro community forcing 1,700 people from their homes. Among the widespread devastation were properties owned by the County including the:

- Porter-Vallejo Mansion
- Agricultural commissioner's office
- Medical and dental facility
- Kents Court Housing Community with 19 homes

Project Goals

Compressed Timelines

- The extensive scope of work needed to be completed within a 30-day window, involving over 67,000 sq. ft. across multiple properties.

Tight Crawlspace

- More than 30,000 sq. ft. of crawlspace required excavation, and there were concerns about contamination and structural integrity.

Nationally Registered Historic Building

- Extreme care and precision were needed to perform lead abatement and water damage remediation inside the Porter-Vallejo Mansion.





Innovative Solutions

Project Management

To perform a full muck-out of 7-9 inches of surface mud, and an over-excavation of an additional 2-3 inches, we needed to work efficiently.

ATI's project management expertise enabled the coordination of multiple teams working concurrently on various tasks. This strategic approach reduced the project timeline by over 20%.

Managing Moisture

ATI immediately established and monitored the moisture levels for all the properties by placing dehumidifiers inside all the residential units and desiccant dehumidifiers inside the County offices to ensure against further damages from the contaminated mud.

Water Damage Remediation

ATI performed drying procedures on the historic mansion where storm waters leaked through the old window frames and roof. We removed the wet building materials and opened wall cavities, then set up air-dryers, fans, and dehumidifiers. Moisture levels were monitored throughout the job.



Lead Abatement

The window trim, baseboards, and wood moldings in the historic building all contained lead-based paint. Our certified lead abatement workers carefully removed each piece, labeled the location, and then applied a gentle "peel-away" solvent to remove the paint.

Excavation Teaming Tasks

- 1 Removal of building skirting
- 2 Removal of unsalvageable materials
- 3 Removal of muck materials in crawlspace
- 4 Debris placement in wheel barrels
- 5 Transportation of debris

Forming a work team "chain" minimized movement in the confined space and maximized the overall effectiveness.

Outcomes and Impact



Results

- Zero safety incidents
- Completed on time
- Completed within budget



Comprehensive Approach

Our full-service approach not only mitigated further property damage but also preserved a historic building. The client expressed immense satisfaction with our prompt and efficient remediation services.

Conclusion

ATI's adept project management and innovative solutions exemplify our commitment to excellence in restoration. Our team's coordinated efforts and expertise ensured the Pajaro community could quickly regain a sense of normalcy, underscoring ATI's capability to handle complex, large-scale disaster responses effectively.