

Project Profile

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Project Background – Fire Mitigation

Client: George Weston Ltd.'s Maplehurst Bakery
Month/Year, Aug. 2005 – Fire Damage – Commercial Bakery,
Project Type, Carrollton, GA – Shawn Delgado, Senior Estimator
Environment, & Senior Project Mgr., FCR

Location & Proj. Mgr.: Maplehurst is a national commercial bakery with headquarters based in Brownsburg, IN and is a wholly owned subsidiary of George Weston Limited. George Weston, LTD. is a publically-owned, Canadian food processing/distribution company, retailer and REIT. Weston, with over 200,000 employees is Canada's largest private sector employer. Maplehurst provides baked goods for local, regional and national retailers including, Wal-Mart and Publix Supermarkets

General Scope: Fire damage mitigation, structural drying, dehumidification and comprehensive cleaning, decontamination and sanitizing of 80,000 SF facility, open and repair 3,000 SF of existing roof

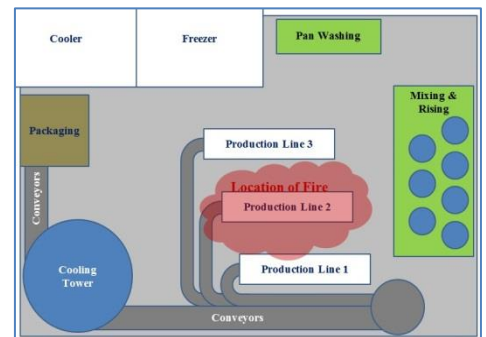
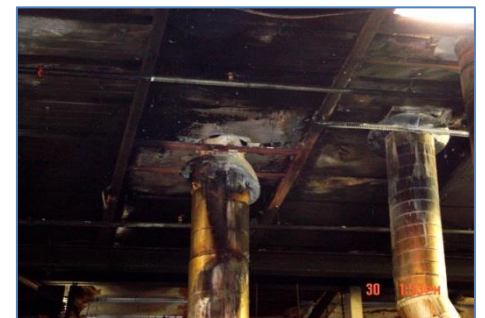
Total Project Cost: Total Reconstruction Cost Unknown – Other restoration/repairs, were contracted separately.

FCR's Fees: \$ 815,702.19

FCR's Role: Emergency Mitigation and Restoration

Description & Origin: Full Circle was dispatched to mitigate the fire damage, smoke odor, soot, structural drying, dehumidification & comprehensive cleaning in this 80,000 SF commercial bakery which was initially shut down for approximately 3-weeks for roofing and electrical repairs. FCR opened 3,000 SF of existing roof structure to repair/seal (bar joists & roof decking) and replace 2,000 SF of the existing 3" laminated ceiling (underbelly-type) insulation prior to initiating the comprehensive cleaning processes of production line and overhead areas.

- Emergency Services:** Primary Goals / Scope:
- Water Extraction, Dehumidification and Structural Drying (walls, ceilings, saturated slab)
 - Set-up containment to protect equipment below
 - Select Demolition: Remove and replace 3,000 SF of Roof Decking and insulation
 - Repair damaged Roof System including Decking and bar joists
 - Soda blast affected remaining roof structure
 - Smoke, Soot & Odor Removal - structure/contents



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Equipment & Protocol: In an effort to reduce downtime and business interruption FCR employed 2- teams working 12-hour shifts, 7-days a week for 3-weeks to meet the initial target timeline for demolition, repair, fire mitigation and decontamination. When the facility reinitiated production, FCR went to 5-days a week for 3-weeks, then, to weekends only.

Cleaning Process: To protect the production line equipment, FCR established containment each day, then, used a 7-step procedure which included: hand-scraping/pressure washing/soda blasting, hand scrubbing, a 1st rinse, degreasing, a 2nd rinse, and finished with a sanitizing rinse and hand-drying. Some areas of roof structure required priming/painting with “No VOC paint” where repairs were made.

Equipment: Truck mount and portable extractors, dehumidifiers, air scrubbers, axial fans, air movers, soda blasters, high-temp pressure washers, scissor lifts, articulating lifts, scaffolding and ladders.

Challenges & Obstacles:

This was a challenging and physically demanding project since the majority of the decontamination and cleaning work was occurring 24’ overhead where lifts could not reach due to systems (HVAC, exhaust, electrical, lighting plumbing, and fire sprinkler/suppression) where crews had to straddle pipes and wear safety harnesses while working in a very high-temp environment. The cleaning and decontamination process was primarily on, near or overhead of the food production line and had to pass FDA post-mitigation testing standards. State and federal agencies including US EPA, GA EPD, and OSHA ensured standards and regulations were adhered to including full lock-out/tag-out of machinery.

Results:

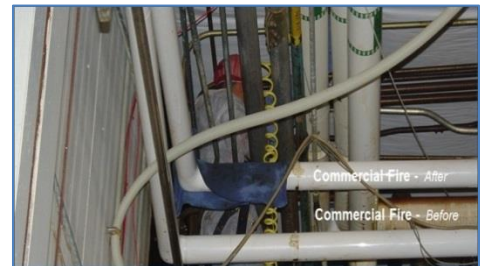
Full Circle successfully mitigated, decontaminated, cleaned and sanitized required portions of the facility passing post-remediation testing. Being satisfied with the results, Maplehurst called on FCR for assistance with a different incident, 5-yrs. later during their busiest season, Thanksgiving.

True Value & Additional Value:

Establishing a workable plan FCR effectively reduced business interruption meeting a very tight deadline, while working in a very challenging and physically demanding environment.

Key Contact:

Guy Ball, Mgr., VP of Ops-Cake, George Weston Limited-Maplehurst Bakeries, (770) 832-1111



Full Circle Restoration & Construction Services, Inc.

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