

**WHAT'S "IN THE WORKS"
PROGRESS REPORT
HURRICANE SANDY RECOVERY**



The following is a detailed summary of the City's comprehensive recovery efforts:

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|-----------------------------------|---|----------------|--|
| Wastewater Treatment Plant | Facility Cleaning | FEMA | JBH Env. |
| | Air Sampling/Monitoring | FEMA | JLC Env. |
| | <ol style="list-style-type: none"> 1. Replace/repair raw influent gate valve operator (influent screen building) 2. New floats for pump control backup (influent screen building) 3. New ventilation system (influent screen building) 4. New influent flow meter (influent screen building) 5. New fresh air vent (influent screen building) 6. Replace cross and longitudinal collector drives (secondary clarifier) 7. Replace motor and motor controls for the mixing pump (digester building) | FEMA FEMA | Design: Cameron Const.:TBD |
| | Replace bar screen motors (influent screent building) | FEMA | Const.:Ondeo DeGremont |
| | Replace compressor unit for main controls (air bubble system – main building) | FEMA | Const.: Scales Industrial Technologies |
| | Repair of the Hypochlorite Tanks | FEMA | Const.: RPT NY LLC |
| | Containment Pad for Sodium Hypochloride Delivery | City | Design: D&B Const; TBD |
| | Secondary gear motors (operates flights, and secondary clarifiers) | FEMA | Const.:City/Welsbach |
| | Sand filter- facility not functioning. Preparing a technical report summarizing findings. Will prepare plans and specification. | FEMA | Design: Cameron Const.: TBD |
| | Replace influent sanitary sewer pipe | City | Design: City Const. : Bensin |

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|---|---|----------------------|------------------------------------|
| Indiana Pump Station | Reconstruct subsurface pumping station | 50% FEMA 50% City | Design: D&B Const.: TBD |
| Roosevelt Blvd. Pump Station | Replace back-up Generator | FEMA | Const: Welsbach |
| New York Pump Station | Replace soft starts | FEMA | Const.: Welsbach |
| | Analysis and preparation of bid documents to prepare various electrical and mechanical problems | FEMA | Design: D&B Const.: |
| | Controls, sensors, and relays (non electrical-computer issues) | FEMA | Const.: PCS |
| Water Purification Plant (Main Facility) | 1. Replace four pumps/switches and one motor in Alum Room 2. Replace influent flow meter, transducers (4), and valve actuators in Pipe Channel (adjacent to Alum Room). 3. Replace M3 and M4 switchgear and transfer switch; wiring, and conduits filled with water at Well #18 | FEMA | Design: Cameron Const.: TBD |
| | Conditions assessment of back-up generator that was submerged | FEMA | Design: Cameron Const.: TBD |
| | Replace Transfer Switch for back-up generator | FEMA | Const.: Welsbach |
| | Replace all sub-level lighting | FEMA | Const.: Welsbach |
| | Facility Cleaning | FEMA | Const: JBH Env. |
| | Facility Air Monitoring | FEMA | Const.: JLC Env. |
| | Replace Chlorine Feeders | FEMA | Const.: Eagle Control |
| | Replace all sub –level receptacles, switches, stop/start stations, thermostats, and motor starters. Retrofit 225 amp 480 V 3 phase panel with main breaker (boiler room). | FEMA | Const.: Welsbach |
| | Sublevel compressor replacement | FEMA | Const. Delta Air Compressors, Inc. |
| | Replace boiler | FEMA | Const.: C&L Plumbing/City |
| | Back-up generator (2KW)-Emergency-after the hurricane | FEMA | Const.: H.O. Penn |
| Booster Pumphouse | Replace 400 amp 480 volt service panel, one 120/208 service panel and all required circuit breakers. Replace two variable frequency drives. | FEMA | Const.: Welsbach |

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|--------------------------|---|----------------------|--|
| Well #17 | Remove and replace defective surge protector, voltage transformer and three phase rectifier. | FEMA | Const.: Welsbach |
| Well #9 and Well #12 | Well #9 – Remove and install one 50 HP soft start unit Well #12 – Remove and install two 225 A Siemens contactors. | FEMA | Const.: Welsbach |
| Well #15 | Replace damaged sublevel components | FEMA | Design: FST Const.: TBD |
| Well #15 | Relining | City | Design: FST Const.: TBD |
| Well # 11 | Remove and install submersible replacement pump in well | City | Const.: Layne |
| Recreation Center | Replace Gym Equipment | FEMA | Const.: Gym Source |
| | Facility Cleaning | FEMA | Const.: JBH Env. |
| | Facility Air Monitoring | FEMA | Const.: JLC Env. |
| | Reconstruct Facility (Labor) | FEMA | Const.: City |
| | Reconstruct Facility (Materials) | FEMA | Const.: Various Vendors |
| | Electrical Repairs | FEMA | Welsbach/City |
| | Retile pool deck, paint walls and lighting | City | Const: Norberto Design: deBruin |
| | Replacement of rubberized flooring system (weight and cardio rooms) | FEMA | Const.: |
| | New Pool Liner | City | Const.: |
| | Replace Pool Filtration System | FEMA | Design: DeBruin Const.: Norberto |
| | Replace wall in weight room | FEMA | Const.: Castle |
| | Replace storefront windows (weight room) | FEMA | Const.:Surf Glass |
| | Bandwagon – replace assorted equipment | FEMA | Const.:Sam Ash |
| | Waterfront Park Roller Hockey Rink | FEMA | Const: Mathusek Inc. |
| | Synthetic Turf Field | FEMA | Design: Cameron Const.: Landtek |
| | VCT Tile (Rec. Offices) | FEMA | Const.:GSC Carpet Services |
| | Olympic Weights | FEMA | Const.: Advantage |
| | Roof repairs | FEMA | Const.: Palmiera Const. |
| | Reconstruct Locker Rooms | FEMA 70% City 30% | Design: LK McKlean Const. E&A Rest. |

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|--|---|----------------|--|
| Senior Center | Floor replacement | FEMA | Const.: R&D Carpet and Tile Installation |
| | Reconstruct Facility (Labor) | FEMA | Const.: City |
| | Reconstruct Facility (Materials) | FEMA | Const.: Various Vendors |
| | Replace interlocking floor tiles | FEMA | Const.: Gym Source |
| | Facility Cleaning | FEMA | Const.: JBH Env. |
| | Facility Air Monitoring | FEMA | Const.: JLC Env. |
| | Replace Cabinets | FEMA | Const.: City |
| | Replace Appliances | FEMA | Const.: City |
| Magnolia Blvd. Playground | Masonry Wall | CDBG/FEMA | Const.: Castle Ind. |
| | Safety Surface | FEMA | Const.: KGB Ind. |
| | Fencing | FEMA | Const.: Laser |
| | Equipment | N.A. | Const.: Kaboom |
| Boardwalk | Demolition of Boardwalk | FEMA | Const: Novelli |
| Boardwalk | Replace Boardwalk | FEMA/CITY | Const.: Grace Inc. |
| Sewer Dept. | Sewer Collapse at Int. of Lindell and Walnut | FEMA | Design: City Const.: Novelli |
| | Reconstruct Facility (Materials) | FEMA | |
| | Reconstruct Facility (Labor) | FEMA | Const.: City |
| City of Long Beach Beach Ocean Beach Park | Grinder Pump Installations – Various Locations | FEMA | Design: Cameron Const.: Phillip Ross Industries |
| | Dune Walkover – Permit, Planning, and Design | FEMA | Design: Coastal Planning Const.:TBD |
| | Temporary Restroom Facilities (9) | FEMA | Direct Drainage |
| | Temporary Lifeguard Facilities (4) | FEMA | Cassone |
| | Temporary Storage Facilities and Offices for PD and Recreation | FEMA | Cassone |
| City Hall | Façade Repairs | City | Design: LK McKlean Const.: E&A Rest. |
| | Replace Fire Dept. dispatchers console | FEMA | Const.: All Service Controls |
| | Replace Scott Paks, repair of ingersoll brand high pressure breathing air compressor system | FEMA | Const.: Coastal Fire Systems |
| | Facility cleaning | FEMA | Const.: JBH Env. |
| | Facility air monitoring | FEMA | Const.: JLC Env. |
| Georgia Playground | Spray Park conditions assessment and repair | FEMA | Const.: Rain Drop |
| Clark St. Playground | Spray Park conditions assessment repairs | FEMA | Const.: Univeral Play Systems |
| Historical Brick Repairs | Repair historic brick street (100, 200, 300, and 600 block of West Penn Street) | FEMA | Design: City Const.:TBD |

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|---|--|---|---|
| Coastal Erosion/Protection Project | Work with the City and Army Corp. to advance project | City | Design: Coastal Planning |
| Coastal Erosion Protection Project | El. +15' berm, beach replenishment, and groin rehabilitation | City/Nassau County/Town of Hempstead/NYS/Fed. Govt. | Design: TBD Const.: TBD |
| Roadways and Parking Lots | Illinois Reconstruction | City | Design: LiRo Const.: Roadwork Ahead |
| | Kerrigan Reconstruction | City | Design: LK McKlean Const.: A.I.I Allen Industries |
| | Vinton Reconstruction | City | Design: L.K. McKlean Const.: A.I.I. Allen Industries |
| | Boyd Reconstruction | City | Design: L.K. McKlean Const.: A.I.I. Allen Industries |
| | West End Parking Lots | City | Design: TBD Const.: TBD |
| | Grand – Park to Beech | City+ | Design:TBD Const.: TBD |
| West End Community Center | Reconstruct facility (labor) | FEMA | Const.: City- |
| | Reconstruct Facility (materials) | FEMA | Const.: |
| Water Transmission Building | Reconstruct facility (labor) | FEMA | Const.: City |
| | Reconstruct facility (materials) | FEMA | Const.: TBD |
| 150 West Pine Street | Reconstruct facility (materials) | FEMA | Cons.: City |
| | Reconstruct facility (labor) | FEMA | Const.:TBD |
| | Facility Air Monitoring | FEMA | Const.: JLC Env. |
| | Facility Cleaning | FEMA | Const.: JBH Env. |
| | Replace steel entry doors | FEMA | Const.: Solar Glass |
| | Replace rain gear and safety gear | | Const.: Foster Rubber |
| Indiana and Maple Firehouse | Reconstruct Facility (labor) | FEMA | Const.: City |
| | Reconstruct facility (materials) | FEMA | Const.: |
| | Replace bulkhead (Indiana) | FEMA | Design: Cameron Const.: |

| FACILITY | DESCRIPTION | FUNDING SOURCE | WORK PERFORMED BY |
|------------------------------------|---|----------------|-----------------------|
| Ice Arena | Facility Cleaning | FEMA | Const.: JBH Env. |
| | Facility Air Monitoring | FEMA | Const.: JLC Env. |
| | Replace Skate Sharpening Machine | FEMA | Const.: Jonah, USA |
| | Repair ice making machine motors, remove and replace 1200 amp main circuit breaker, and dismantle and cleaned 120 volt and 277 volt | FEMA | Const.: Welsbach |
| | Replace boiler | FEMA | Const: C&L Plumbing |
| | Reconstruct facility (labor) | FEMA | Const.:City |
| | Reconstruct facility(materials) | FEMA | Const: City |
| | Replace flooring | FEMA | Const.: |
| MLK Center | Replace Gym Floor | FEMA | Const.: Snaplock Ind. |
| | Boiler Replacement | FEMA | Const.: Heat Inc. |
| | Reconstruct facility (labor) | FEMA | Const.: City |
| | Reconstruct facility (materials) | FEMA | |
| | Repair roof | FEMA | Const.: Palmieri |
| Fencing – Various Locations | Water Purification | FEMA | Const.: Laser |
| | Gun Range | FEMA | Const.: Laser |
| | Transfer Station | FEMA | Const.: Laser |
| | Water Transmission | FEMA | Const.: Laser |
| | Incinerator Site | FEMA | Const.: Laser |
| | Sewer Maint. Property | FEMA | Const.: Laser |
| | Pacific Blvd. Park | FEMA | Const.: Laser |
| | Clark St. Playground | FEMA | Const.: Laser |
| | Waterfront Park | FEMA | Const.: Laser |
| | Skateboard Park | FEMA | Const.: Laser |