

ENVIRONMENTAL REVIEW

New Providence Road Improvement Project (NPRIP)

Nassau Harbour Port Improvement Project (NHPIP)

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ROAD IMPROVEMENT PROJECT

Corridors 5 & 18

- Corridor 5: Bethel Avenue Extension
 - New Road
 - Thompson Blvd/Farrington Rd Junction to West Bay Street at Saunders Beach
- Corridor 18: West Bay Street - Saunders Beach
 - Realignment of West Bay Street
 - Construction of new roundabout



ROAD IMPROVEMENT PROJECT

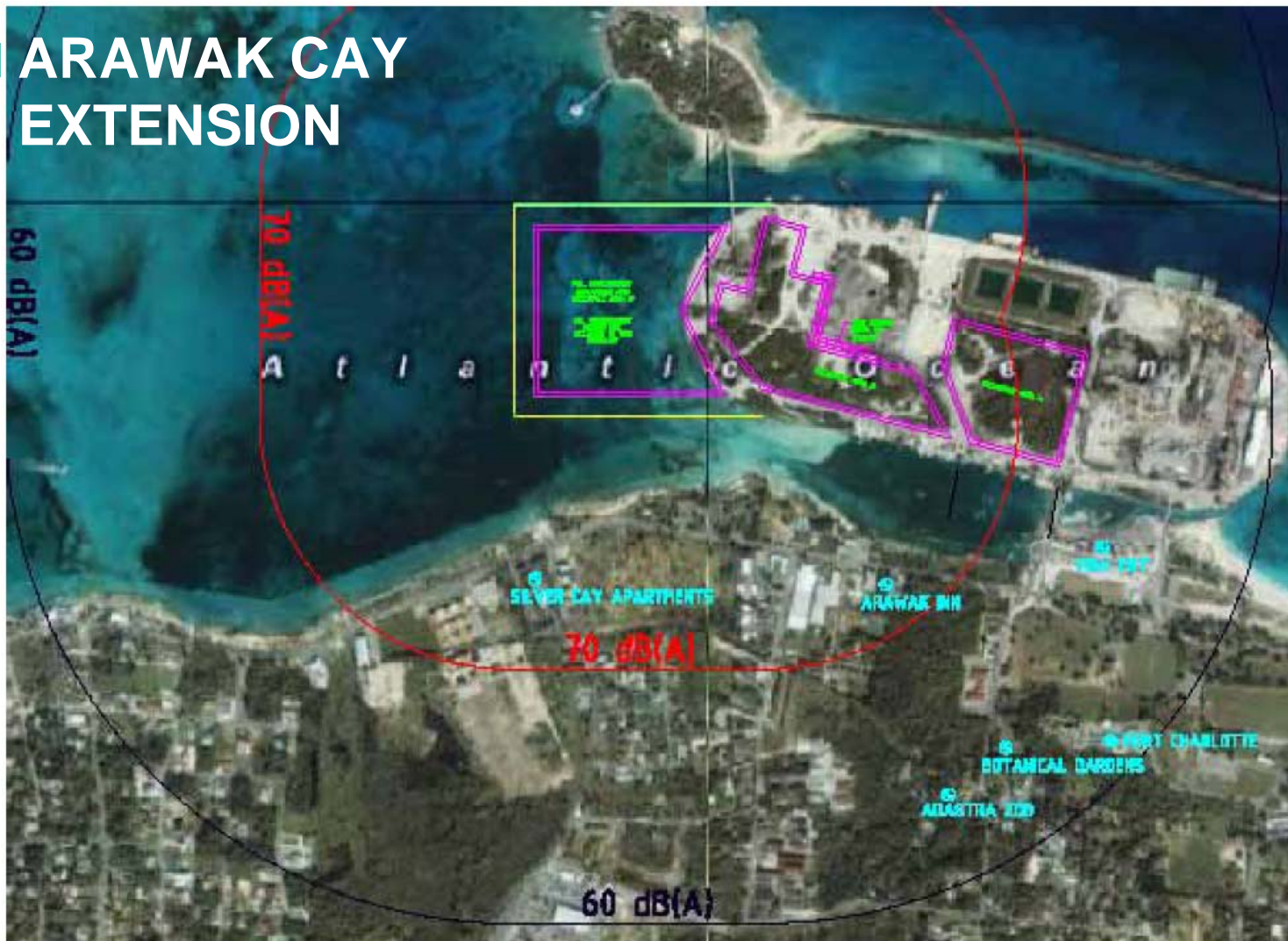
Corridors 5 & 18

- Issues
 - Noise
 - Loss of Vegetation
- Mitigation
 - Noise Control Best Management Practices
 - Big Pond Park Enhancement
 - Saunders Beach Enhancement



PORT IMPROVEMENT PROJECT

ARAWAK CAY EXTENSION



PORT IMPROVEMENT PROJECT

- Studies were undertaken to;
 - determine type of materials to be dredged
 - assess the marine species and habitats in the area
 - investigate wave and current patterns
 - determine baseline soil and water quality



PORT IMPROVEMENT PROJECT

HARBOUR DREDGING



PORT IMPROVEMENT PROJECT

- **SUMMARY of EIA Findings for Arawak Cay**
 - the proposed extension will provide adequate storage for the dredged material estimated at 1.9 million cubic yards of fill
 - the material to be stockpiled is mainly bedrock and sand that is unlikely to be contaminated
 - the extension will create direct loss of seagrasses, sponges and small corals
 - the extension will slightly alter the local currents and wave directions and heights in the harbour and to the west of the Cay
 - the extension will extend the channel on the northern side at a reduced width and depth



PORT IMPROVEMENT PROJECT

Environmental Issues

- **Issues**

- Surface Water Quality
- Noise
- Dust
- Aesthetics
- Loss of Marine Habitat

- **Mitigation**

- Active Dewatering & Turbidity Control Measures
- Noise Control Best Management Practices
- Dust Control Measures



ARAWAK CAY EXTENSION

Potential Impact to Saunders Beach

- Studies (Baird Reports, January 2009)
 - Saunders Beach Investigation
 - Current Patterns Study
- Conclusion - Saunders Beach will not be negatively impacted by the harbour dredging or Arawak Cay extension
- Precautionary Measure
 - Beach Profile Monitoring

