









The Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)



## **Stakeholder Consultation Report**















Final Version September 2024

## **Annex 5. Stakeholder Consultation Report**

# Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)

### **Table of Contents**

Annex 5. Stakeholder Consultation Report	2
Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)	2
Introduction	2
Objective	3
Public Consultation Process	4
Organization and Planning of the Consultation Process	4
Stakeholder Mapping	4
Development of the Public Consultation Event	9
Appendix A. Consultation Documents	16
Attendance Sheet from the in person Public Consultation	16
Presentations used at the Consultation	17

## Introduction

This report describes the preparation process and development of the Public Consultation of "The Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)", hereinafter "the Program".

The Program's objectives are to (a) improve coverage of potable water supply and wastewater services in New Providence and the Family Islands; (b) improve operational and financial performance by reducing Non-Revenue Water (NRW) in the Family Islands and increasing smart metering in New Providence; and (c) improve governance through institutional strengthening and supporting the modernization of the policy, legal and regulatory framework for WSC and the water and sanitation sector.

The program, with a total cost of **USD 50 million**, will be executed by the **Water and Sewerage Corporation (WSC)** and financed by the Inter-American Development Bank (IDB).

The Stakeholder Engagement Plan prepared as part of the Strategic Environmental and Social Assessment of the Program establishes the general principles of participation and collaborative

strategies to identify stakeholders and plan a participatory process in line with the Environmental and Social Performance Standard 10: "Stakeholder Engagement and Information Disclosure", along with ESPS 1: "Assessment and Management of Environmental and Social Risks and Impacts" and ESPS 9 "Gender Equality".

To comply with IDB's ESPS 10 and its objective of an open and transparent engagement between the Borrower and Stakeholders, the following public consultation was conducted with institutional stakeholders during the preparation phase of the Program.

To conduct this process, the guide for Meaningful Consultation with Stakeholders (IDB, 2017) and the new Environmental and Social Policy Framework (ESPF) were taken as a reference, as well as the work team experience in the area.

## **Objective**

The objective of the consultation process is to present to the affected population and other interested parties the description of the Project, its potential environmental and social impacts and the mitigation measures planned to ensure adequate environmental and social management during the execution of the works, and their subsequent operation.

This instance of participation aims to respond to the doubts and concerns that may arise, and to collect suggestions which will be evaluated in order to determine the possibility of incorporating them into the design of the Program, when appropriate.

The consultation also seeks to add value to the Program, which may happen by the following:

- Become aware of the points of view and perceptions of people who may be affected or
  who have an interest in a development project and provide a means for those opinions
  to be considered as contributions to improved Program design and implementation,
  which avoids or reduces adverse impacts and increases benefits.
- It constitutes an important source of **validation and verification of data** obtained elsewhere and improves the quality of environmental and social impact assessments.
- Helps people understand their rights and responsibilities in relation to the Program.
- Promotes greater transparency and stakeholder participation by increasing trust,
   project acceptance and local ownership, key aspects for Project sustainability and development results.
- It is conducted on an ongoing basis as risks and impacts arise; consider and address feedback
- It is a **requirement of the IDB** in accordance with environmental and social policies, in projects that have the potential to cause harm to people or the environment.
- It is essential for the **credibility and legitimacy** of the executing agencies and international financial institutions such as the IDB.
- Is free from all manipulation, interference, coercion, discrimination, retaliation and external intimidation

## **Public Consultation Process**

## Organization and Planning of the Consultation Process

The consultation process was designed based on the Stakeholder Engagement Plan developed in the Strategic Environmental and Social Assessment (SESA) of the Program during preparation phase, and the organizations involved were:

- Water and Sewerage Corporation (WSC)
- Inter-American Bank of Development (IBD)

The Public Consultation was performed in person and the general details of the event are described below:

Date and Time: August 27th, 9:00 am

**Location:** Bahamas Agricultural and Industrial Corporation (BAIC)

## **Stakeholder Mapping**

Based on the preparation of the Environmental and Social Assessment (ESA), the possible adverse impacts were identified, as well as the risks, relevant opportunities, and the way in which they may affect different groups.

Based on these impacts, a specific analysis was conducted to identify stakeholders to invite them to participate in the participatory process throughout the Program cycle, and especially the founding milestone of this process, which is public consultation.

Key stakeholders were identified for the consultation and participation instance with the objective of ensuring that each of the identified groups are represented and can express their opinions.

From a preliminary identification, it emerged that, at a minimum, the stakeholders presented in Table 1 should be included in the process.

Type of Stakeholder	Stakeholder	Relationship with the Program/Project
	WSC	Executing Agency
	Department of Environmental Health Services (Family Islands Subdivisional Offices)	Interested party
Institutional Stakeholders	Department of Environmental Planning and Protection	Interested party
	Stakeholders related to other infrastructure and services in the project areas (e.g., Bahamas Power and Light Company, cable and internet companies, etc.)	Affected party
	Population living in the direct area of influence of the projects	Affected party
	Businesses and informal workers in the direct area of influence of the projects	Affected party
Civil Society Stakeholders	Representatives from institutions in the direct area of influence of the projects (e.g., schools, health centers, etc.)	Affected party
	Civil Society Organizations (in particular, those working in environmental and social issues)	Interested Party
Community	Population of the communities reached by the Project and community in general (indirect area of influence)	Interested Party

Table 1. Preliminary Stakeholder Mapping. Source: Environmental and Social Assessment and Environmental and Social Management Plan (Plan EHS)

It is important to note that the proposed stakeholder mapping was preliminary, and final selection of the stakeholders was adjusted by the WSC, the attendance sheets present in the Appendix show the final stakeholders present at the Consultation.

## **Invitations and Disclosure of Information**

The invitations for the Consultation were sent via email by WSC to all identified institutional stakeholders. Figure 1 presents the list of invitees, as well as the RSVP status and comments.

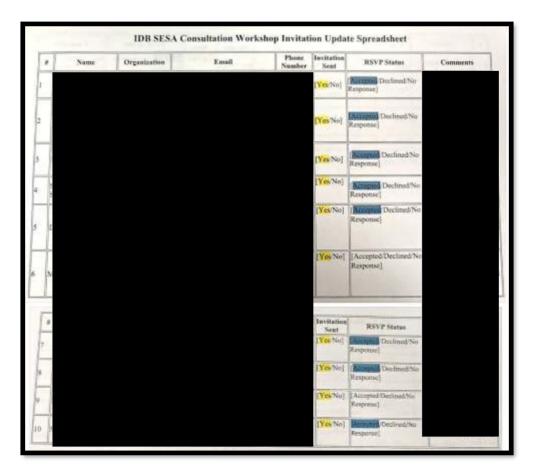


Figure 1. Consultation Invitations Update Spreadsheet<sup>1</sup>

Figure 2 presents a model letter of invitation used for this event.

<sup>1</sup> The list has been redacted for personal data privacy reasons in the public disclosure of this report, but full official records are kept by WSC and the IDB.

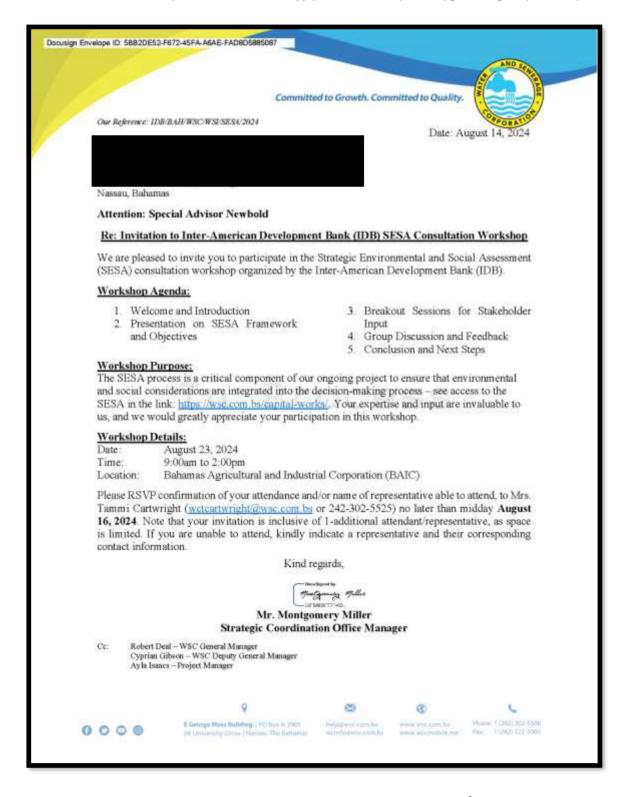


Figure 2. Written letter of Invitation to Public Consultation.<sup>2</sup>

Disclosure of the Strategic Environmental and Social Analysis (SESA) was released on the IDB website under "The Bahamas Water Supply and Sanitation Systems Upgrade Program"

<sup>&</sup>lt;sup>2</sup> Some data has been redacted for personal data privacy reasons in the public disclosure of this report, but full official records are kept by WSC and the IDB.

https://www.iadb.org/en/project/BH-L1061 (Figure 3), as well as through WSC's website (https://wsc.com.bs/capital-works/) (Figure 4).

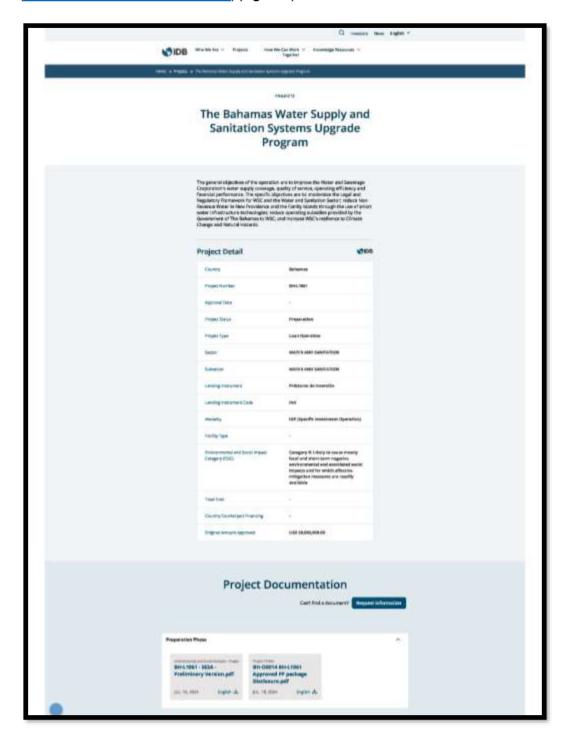


Figure 3. Publication of SESA available in <a href="https://www.iadb.org/en/project/BH-L1061">https://www.iadb.org/en/project/BH-L1061</a>

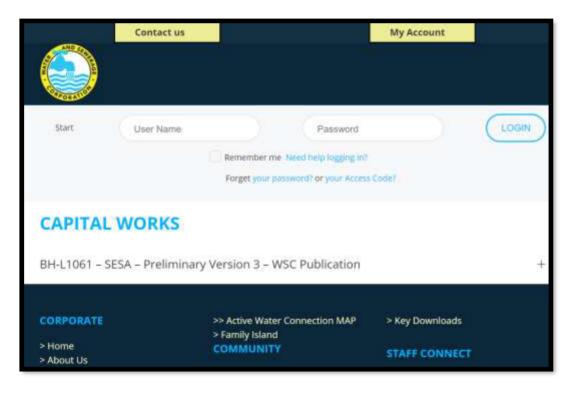


Figure 4 - Publication of the Strategic Environmental and Social Assessment at WSC's website<sup>3</sup>

## **Development of the Public Consultation Event**

The consultation event was conducted in-person at the Bahamas Agricultural and Industrial Corporation (BAIC) (Old Trail Rd, Nassau, Bahamas), on August 27<sup>th</sup>, 2024, at 9 am.

The event was attended by a total of 15 participants representing institutional stakeholders from organizations such as the Department of Environmental Planning and Protection (DEPP), the Ministry of Works & Family Island Affairs, the Public Hospital Authority, BPL, MOETVT, the Forestry Unit, and WSC itself.

The process started at 09:15 am with Mr. Montgomery Miller, WSC Strategic Coordination Office Manager, giving opening remarks.

<sup>&</sup>lt;sup>3</sup> Retrieved from <a href="https://wsc.com.bs/capital-works/">https://wsc.com.bs/capital-works/</a>, August 2024.



Figure 5. BAIC building, location where the Public Consultation was held.



Figure 6. Entrance to the event at the BAIC Building.



Figure 7. Conference Room at BAIC building

After a formal presentation of the authorities, Mr. Montgomery Miller thanked those present for participating in the consultation and introduced the Program.

Mr. Miller presented an overview of the Bahamas Water Supply and Sanitation Systems Upgrade Program, describing the objectives, and doing a description of the works to be implemented in the different components (Figure 8). He followed explaining the environmental and social assessment basis for the Program, as well as the roadmap and milestones for the operation.

Thereafter, Mr. Federico Scodelaro (environmental consultant) presented the overall objective of the consultation. He later discussed the environmental and social impacts (both negative and positive) and risks identified in the Strategic Environmental and Social Analysis for the construction and operational phase of the program, as well as the mitigation measures to be implemented in the Environmental and Social Management Plan. He introduced the Grievance Redress Mechanism and presented an email and telephone as communication channels to raise concerns, present claims, and inquiries throughout the project's life cycle.



Figure 8. Program and Project Description presentation

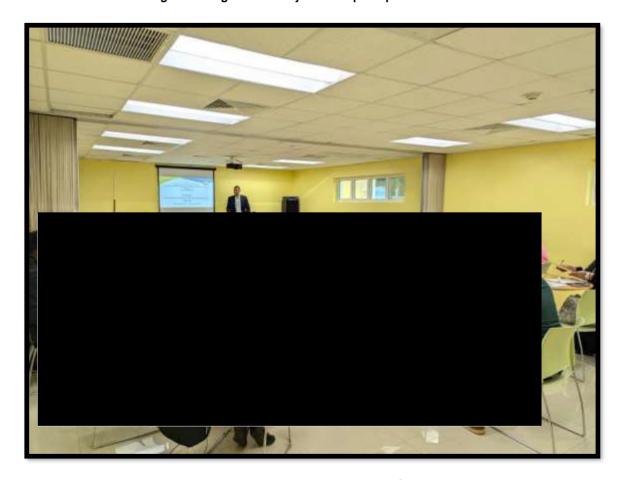


Figure 9. Public consultation event<sup>4</sup>

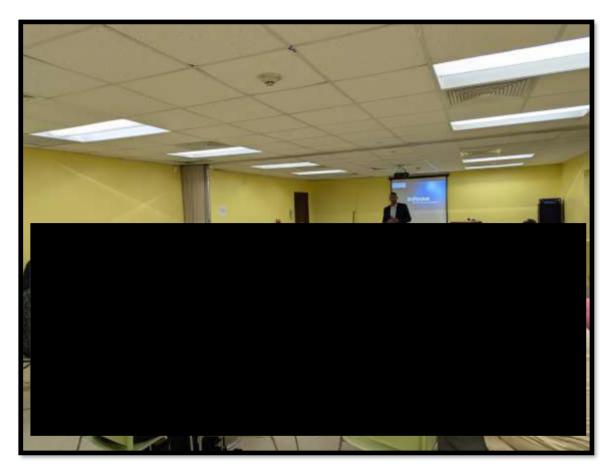


Figure 10. Public consultation event<sup>5</sup>

The presentations used during the event are included in Appendix A.

Throughout the presentations and after they were finished, there were several questions about the Program. These questions are presented in Table 2, along with the answers provided.

Table 2. Questions and Answers in the Public Consultation Event

N°	Questions/Commentary	Answers				
1	Inquiries regarding how the beneficiary islands were selected for participation in the Program.	WSC explained that beneficiary islands were selected by their overall contribution to WSC's revenue.				
Inquiries were made about whether pumping could reduce water quality.		after it goes through the reverse osmos				

<sup>&</sup>lt;sup>4</sup> Photo has been redacted for personal data privacy reasons in the public disclosure of this report, but full official records are kept by WSC and the IDB.

<sup>&</sup>lt;sup>5</sup> Photo has been redacted for personal data privacy reasons in the public disclosure of this report, but full official records are kept by WSC and the IDB.

N°	Questions/Commentary	Answers
3	Questions were raised regarding which component is responsible for addressing the expansion of the water supply.	WSC explained that Component 3 will relate to the expansion of the water networks. The construction of new wells is not under the scope of this Program.
4	Concerns about Paradise Island water bills.	[this question falls outside of the scope of the Program]
6	It was asked whether there will be campaigns to transition from groundwater to piped service.	WSC explained that it will engage in campaigns for easing the transition from groundwater to piped service.
7	Suggestion to include the Ministry of Agriculture as a stakeholder in the Program given how agricultural activities affect water table (use of agricultural wells, pollution from agrochemicals, etc.)	WSC indicated that it would include the Ministry of Agriculture in future disclosures of information related to this Program.
8	Suggestion to include the National Statistical Institute as a stakeholder in the Program, due to the data that will be generated in the implementation.	WSC indicated that it would include the National Statistical Institute in future disclosures of information related to this Program.
9	Attendee praised WSC for modernizing water infrastructure and increasing access to water supply.	WSC thanked the comment.
10	Question on strategies to be used for adoption of piped service for people new to the service.	WSC expanded on lessons from previous water network expansions as well as communication efforts that will be developed to add users to the piped network, including use of social media.
11	Is there a plan to involve the public in the Program, such as townhall meetings?	WSC explained that this institutional consultation will be followed by specific consultations for each of the works under the Program, where interested and affected parties will participate.
13	Concerns were expressed about vandalism of pumps.	WSC explained that is planning to expand CCTV surveillance on key facilities to prevent / deter vandalism.
15	It was asked whether WSC will require additional staff for supervision of the works under the Program.	WSC explained that it underwent an exercise on institutional capacity assessment under the preparation of the Program, which included

N°	Questions/Commentary	Answers			
		recommendations on capacity reinforcement. The scale of the individual works as well as the timelines of each intervention will determine the needs.			
17	Question about the duration of the works.	WSC explained the approximate timelines for each component under the Program:  Comp. 1. NRW: 2-3 years  Comp. 3. Water supply: about 3 years for all works  Comp. 4. Lift station: installation works are fast (less than a week) but long lead up time in acquisition of equipment			

After the question-and-answer segment, a refreshment break was taken. Upon returning from the break, an open opinion session was held for the various representatives of the institutions. The discussion covered mostly aspects not directly related to the scope of the Program, such as the plan and status of the well fields, as well as the onboarding process for the hydrologist. Additionally, topics related to the enforcement of regulations were discussed, emphasizing the need to build institutional capacity to ensure compliance.

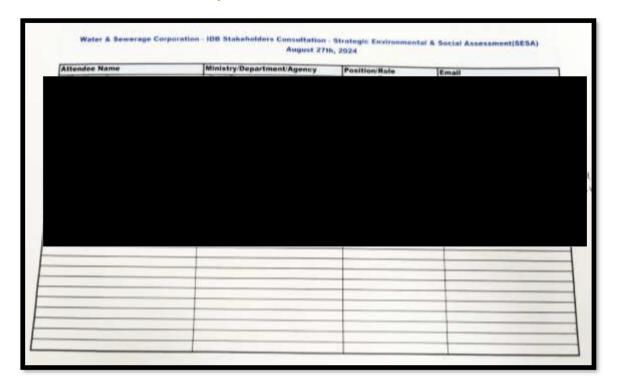
## Conclusions from the Public Consultation Process

The main conclusions and recommendations from the stakeholder consultation are presented below:

- The Public Consultation was attended by representatives from various institutional stakeholders including the Water and Sewerage Corporation (WSC), the Department of Environmental Planning and Protection (DEPP), the Ministry of Works & Family Island Affairs, the Public Hospitals Authority, Bahamas Power and Light Company (BPL), the Ministry of Education, Technical and Vocational Training (MOETVT), and the Forestry Unit.
- The main concerns raised during the consultation were related to the Program's
  implementation and operational stages. Questions focused on the selection criteria for
  the beneficiary islands, water quality issues related to pumping and reverse osmosis
  processes, and the timeline of the various components, particularly the water supply
  expansion and lift station upgrades. Stakeholders also raised issues related to potential
  vandalism of pumps and the need of environmental monitors.
- There was a broad support for the works proposed in this project; the priorities and needs identified are aligned with the objectives of the proposed projects.
- Public consultation was planned and ordered, transparently and equitably and nondiscriminatory, providing information on the projects design and main significant environmental and social impacts and their mitigation measures.

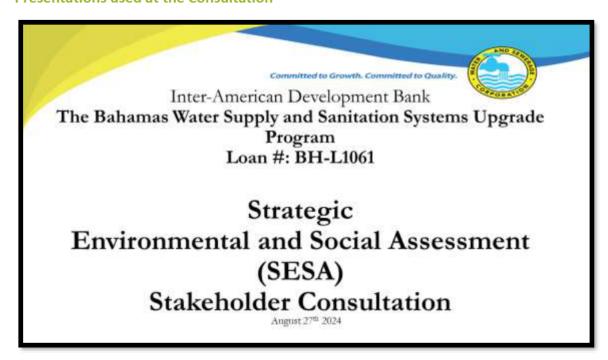
## **Appendix A. Consultation Documents**

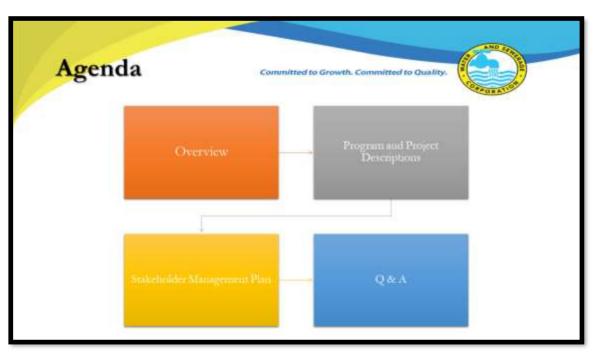
Attendance Sheet from the in person Public Consultation <sup>6</sup>



<sup>&</sup>lt;sup>6</sup> Data has been redacted for personal data privacy reasons in the public disclosure of this report, but full official records are kept by WSC and the IDB.

#### Presentations used at the Consultation









#### BH-L1061 SES.A





## Program and Project Description

Non-Revenue Water Reduction and Establishing Advanced Metering Infrastructure

· 65,000 Advanced (AMI) in New

· Address physical and commercial losses in the Family Islands focusing on Abaco, Eleuthera, and Exuma

Metering Infrastructure Providence and the Family Islands, including Abaco, Eleuthera, and Exuma

. Est. US\$33.0 Million

#### Institutional Strengthening

· The Utilities Regulation and Competition Authority (URCA) as proposed economic regulator of the water and sewerage sector;

· The Department of Environmental Planning and Protection (DEPP)

· Modernization of the policy, legal and regulatory framework

· Est. US\$3.5 Million

#### Access to Potable Water Supply

· The Abaco new water mains installation at Sweeting's Tract;

· The South Birnini Port Royal Water Main Extension:

· The South Birnini mains extension to Airport

· New Providence Side Roads

· US\$ 8.0 Million

#### Wastewater Collection and Treatment Facilities Upgrade

· Replacement and upgrade of 19 existing lift station pumps, control panels, electrical and Supervisory Control and Data Acquisition (SCADA) components

· US\$3.0 Million

#### BH-L1061 SESA

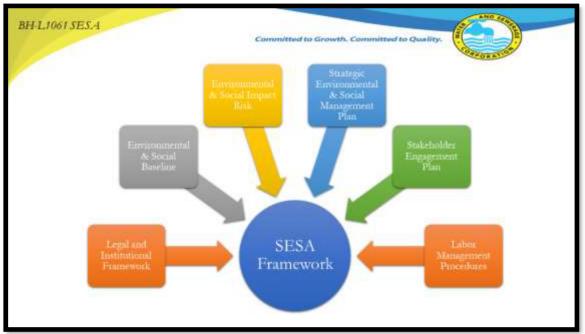
## SESA Specific Objectives

Committed to Growth. Committed to Quality.

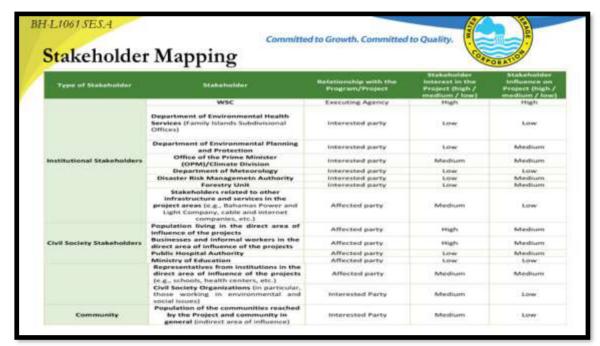


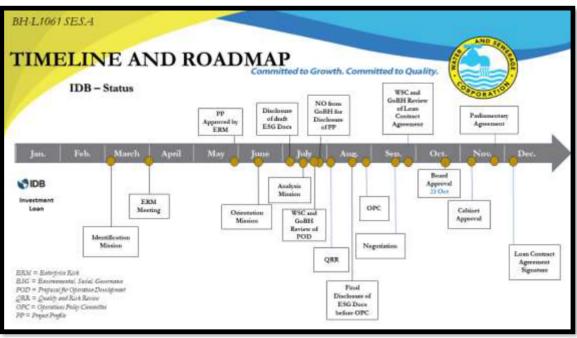
The general objective of this Strategic Environmental and Social Assessment (SESA) is to evaluate the environmental and social risks and impacts of the "Bahamas Water Supply and Sanitation Systems Upgrade Program (BH L1061)"

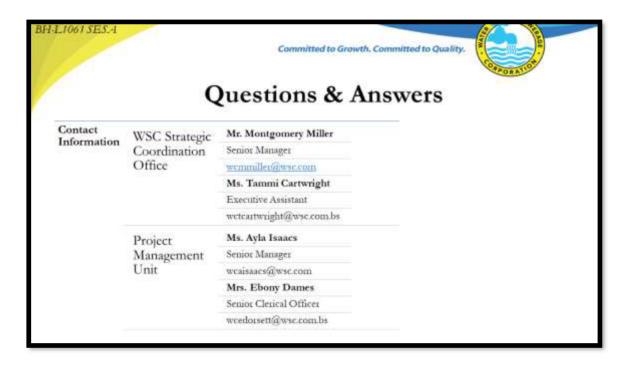
Identify and assess the main environmental and social impacts and risks on the playical, biological, and socioeconomic environment, in the Construction, Operation and Closing stages of the program.

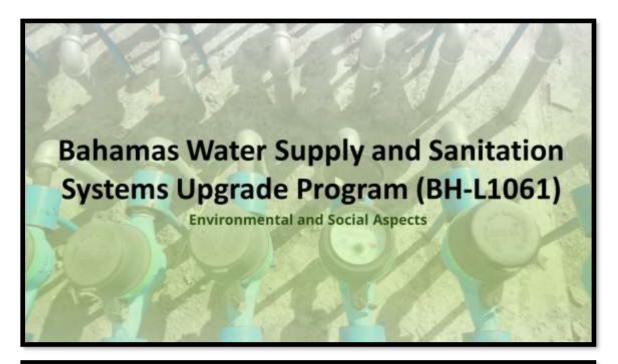












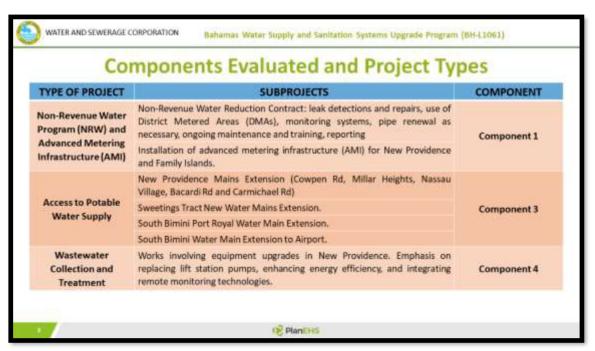


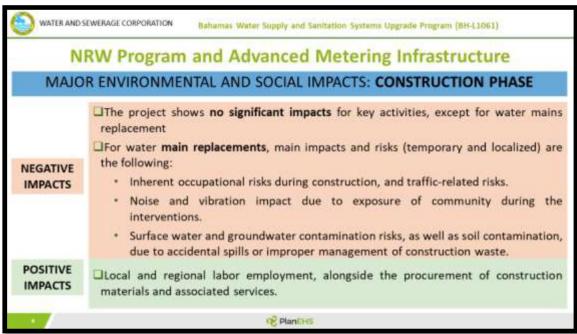
Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)

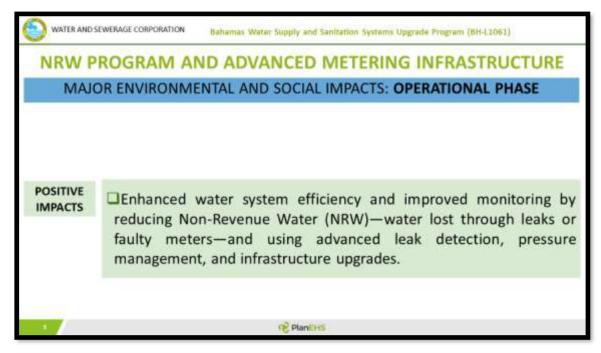
## **Objectives of the Consultation Process**

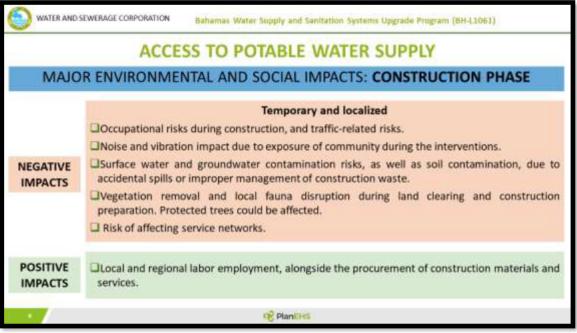
- Disclose the Environmental and Social Assessment and Environmental and Social Management Plan of the Program.
- Promote ongoing communication with stakeholders through the Program's grievance and participation mechanisms.
- Provide a space to learn about stakeholder's perceptions of the Project.

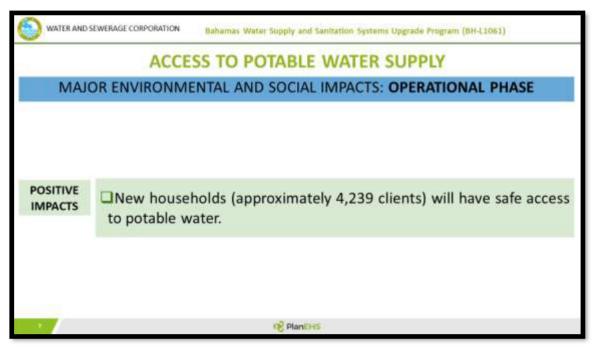


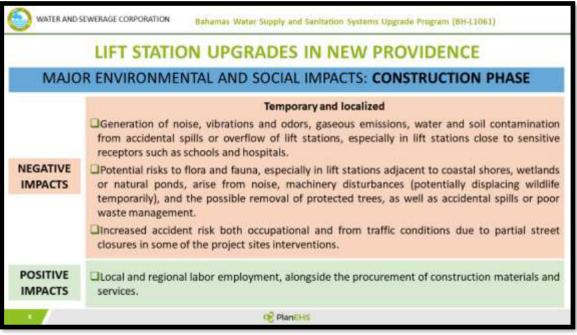


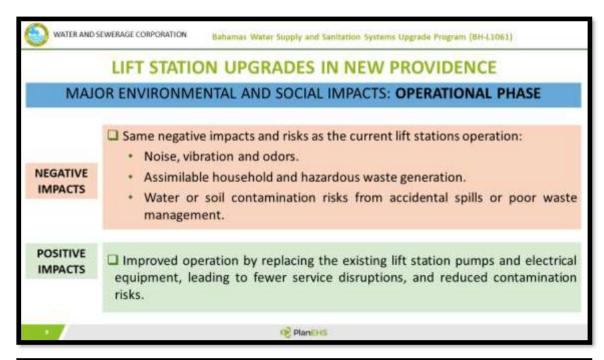


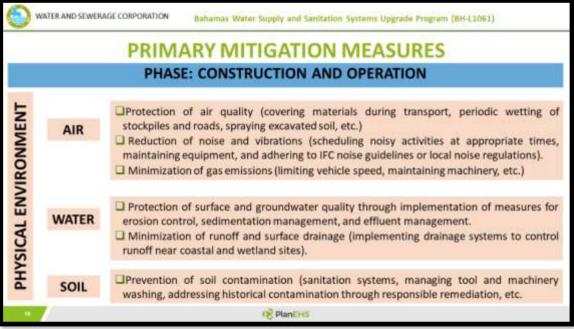


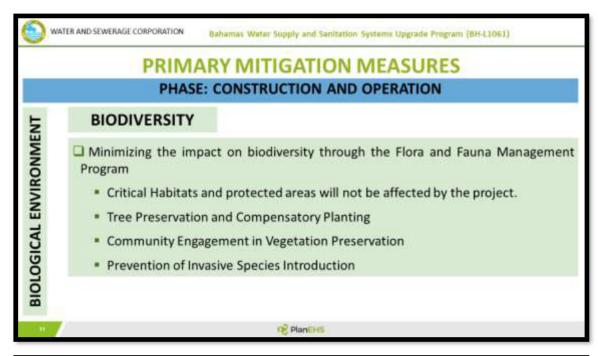


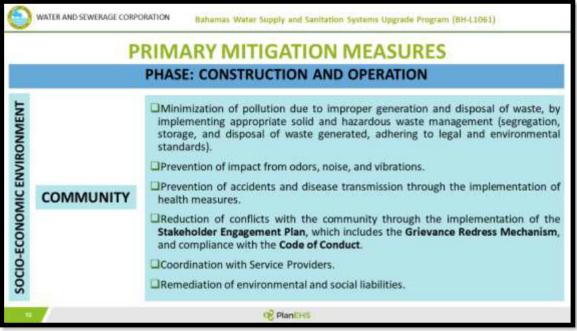






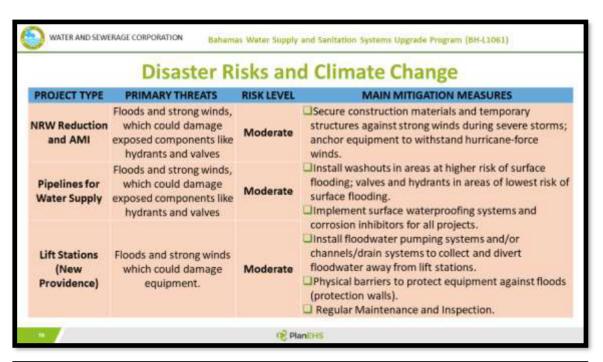










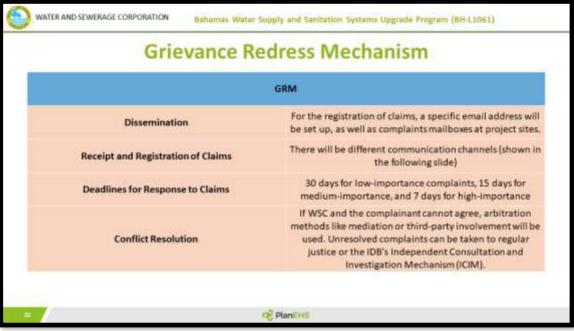


N	Construction ESPM Programs	NRW	AMI	Water Supply	Lift Stations
1	Monitoring and Control of Compliance with Mitigation Measures (required resources, designated responsible personnel, compliance indicators, and monitoring goals).	х	x	x	x
2	Construction Sites Management (designated storage areas, waste management systems, water supply, safety signage, first aid kits, etc).	х		×	х
	Air Quality, Noise and Vibrations Management (maintaining equipment, scheduling noisy activities, covering transported materials, managing drop heights, etc.)	×		×	×
	Erosion Control (confining activities and vehicle movements to designated zones, managing runoff and soil displacement to maintain natural flow patterns, inspections of sediment controls).	x		×	
	Flora and Fauna Management (minimizing natural vegetation loss, implementing a revegetation scheme, deterring wildlife from construction zones, strictly prohibiting hunting and the introduction of invasive species, etc.	x		×	×
6	Aquatic Habitat Management (covering exposed slopes, demarcating work areas, prohibiting creosote-treated pilings, avoiding shoreline modifications, and restricting sand extraction to authorized areas etc).	×		×	x
17	Ø PlanEHS				



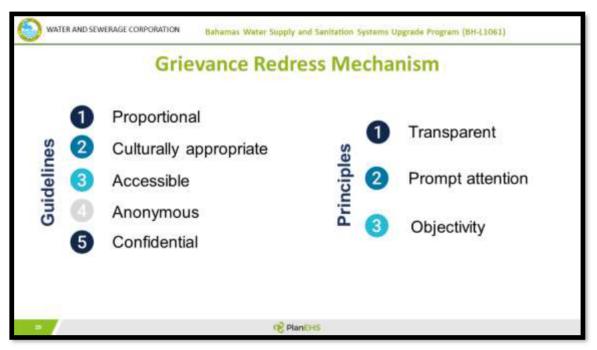
V	Construction ESPM Programs	NRW	AMI	Water Supply	Lift Stations
3	Socio-Environmental Training for Site Personnel (code of conduct, training in basic environmental protection, risk management, emergency response, prevention of gender-based violence, etc.)	х	x	x	х
4	Disaster Management and Emergency Response (contingency prevention and control strategies through safety practices, report hazards, maintain equipment, and follow emergency protocols).	×		x	х
	Community Information and Participation (Community Information and Participation Program implementation).	х	×	×	х
	Coordination with Service Providers (ensuring minimal disruption and effective project execution).	х		×	
	Environmental Liabilities Program (preliminary assessment and classification of liabilities, laboratory analysis of detected special wastes, removing or remediating identified liabilities.	×		×	
	Chance Find Procedure (monitoring for archaeological finds, halting work if discovered, securing sites, consulting authorities, conducting salvage operations, and reporting to ensure preservation and compliance.)	X		х	
	Works Closure (ensuring dismantled sites are restored and integrated into the environment.)	х		х	х

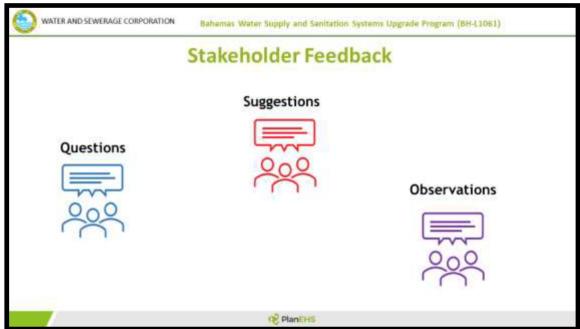












Stakeholder Consultation Report – Bahamas Water Supply and Sanitation Systems Upgrade Program (BH-L1061)

