

## Land Acquisition and Resettlement Due Diligence Report

August 2017

**VIE: Viet Nam Water Sector Investment Program (Tranche 2) - Thua Thien Hue Water Supply Subproject – Phase I**

Prepared by Watech Construction Consulting JSC., for the Thua Thien Hue Water Supply Joint Stock Company (HueWACO) and the Asian Development Bank.

## CURRENCY EQUIVALENTS

(as of 2<sup>nd</sup> August 2017)

|               |   |                       |
|---------------|---|-----------------------|
| Currency unit | – | Vietnamese Dong (VND) |
| VND1.00       | = | \$0.0000439           |
| \$1.00        | = | VND22,760             |

## ABBREVIATIONS

|         |   |   |
|---------|---|---|
| ADB     | : | Asian Development Bank                          |
| AH      | : | Affected Household                              |
| AP      | : | Affected Person                                 |
| BPS     | : | Booster Pumping Station                         |
| CPC     | : | Commune People's Committee                      |
| DDR     | : | Due Diligence Report                            |
| DPC     | : | District People's Committee                     |
| DMS     | : | Detailed Measurement Survey                     |
| DRC     | : | District Resettlement Committee                 |
| GOV     | : | Government of Viet Nam                          |
| HCPC    | : | Hue City People's Committee                     |
| HH      | : | Household                                       |
| HuePPC  | : | Thua Thien Hue Province People's Committee      |
| HueWACO | : | Thua Thien Hue Water Supply Joint Stock Company |
| IMA     | : | Independent Monitoring Agency                   |
| IOL     | : | Inventory of Losses                             |
| IA      | : | Implementing Agency                             |
| IRP     | : | Income Restoration Program                      |
| IP      | : | Indigenous Peoples                              |
| IR      | : | Involuntary Resettlement                        |
| LAR     | : | Land acquisition and resettlement               |
| LGU     | : | Local Government Unit                           |
| LURC    | : | Land Use Right Certificate                      |
| NGO     | : | Non-Government Organization                     |
| NRW     | : | Non- Revenue Water                              |
| PIB     | : | Project Information Booklet                     |
| PPC     | : | Provincial People's Committee                   |
| PRC     | : | Provincial Resettlement Committee               |
| RF      | : | Resettlement Framework                          |
| RP      | : | Resettlement Plan                               |
| RC      | : | Resettlement Committee                          |
| RCS     | : | Replacement Cost Survey                         |
| SEID    | : | Southeast Asia Infrastructure Division          |
| SES     | : | Socio-economic Survey                           |
| SPS     | : | ADB Safeguards Policy Statement                 |
| TTH     | : | Thua Thien Hue                                  |
| VND     | : | Vietnamese Dong                                 |
| WSS     | : | Thua Thien Hue Water Supply Sub-project         |
| WTP     | : | Water Treatment Plant                           |
| WPC     | : | Ward People's Committee                         |

## **NOTE**

In this report, “\$” refers to US dollars unless otherwise stated.

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## DEFINITION OF TERMS

|                                  |  |
|----------------------------------|--|
| <b>Compensation</b>              | Payment in cash or in kind to replace losses of land, housing income, and other assets caused by the Project.  |
| <b>Cut-off Date</b>              | The cut-off date for eligibility for entitlements will be the end of the detailed measurement survey (after completion of the detailed design of the components).  |
| <b>Eligibility</b>               | Any person who, at the cut-off date was located within the affected area of the Project or any component or sub-project thereof and would be considered to be an Affected Person.  |
| <b>Involuntary Resettlement</b>  | Addresses social and economic impacts that are permanent or temporary and are i) caused by acquisition of land and other fixed assets, ii) change in the use of land, or iii) restrictions imposed on land as a result of an ADB operation., or iv) lost of resources, and means of livelihood or v) social support systems, which people suffer as a result of the project and project components   |
| <b>Land Acquisition</b>          | The process whereby a person is compelled by a public agency to alienate all or part of the land he/she owns or possesses, to the ownership and possession of that agency, for a public purpose, in return for fair compensation.  |
| <b>Legal Users of Structures</b> | Categories of APs envisaged to have the legal right to build a structure: (i) APs with written permission issued by the relevant authority, (ii) APs who are in the process of obtaining a permanent LURC from the relevant authority and the document to prove it are considered as having the legal right to build structures, (iii) APs who obtained ownership certificates or legalized certificates for their houses or structures between the cut-off date and the implementation date of the Project, issued by the provincial or district people's committee.  |
| <b>Monitoring</b>                | The Process of regularly measuring the progress in effectively completing the project activities and in achieving the goal and objectives of the Project. Monitoring provides all stakeholders with continuous feedback on implementation. It identifies actual or potential successes and problems as early as possible so as to facilitate corrections during the Project implementation.  |
| <b>Project Affected Person</b>   | Includes any people, households, firms or private institutions who, on account of changes that result from the Project will have their (i) standard of living adversely affected, (ii) right, title, or interest in any house, land (including residential, commercial, agricultural, forest, and/or grazing land), water resources, or any other moveable or fixed assets acquired, possessed, restricted, or otherwise adversely affected, in full or in part, permanently or temporarily; and/or (iii) business, occupation, place of work or residence, or habitat adversely affected, with or without displacement. |
| <b>Rehabilitation</b>            | Rehabilitation measures include re-establishment of incomes, livelihoods, and social systems. Measures include a) restoration of access to public facilities, infrastructure, and services, b) mitigation of the loss of access to cultural sites, public services, water resources, grazing or forest resources through the establishment of access to equivalent or culturally acceptable resources and income-earning opportunities. These measures are determined in consultation with affected communities, even when their rights are not formally recognized in national legislation.                             |
| <b>Relocation</b>                | Rebuilding of house assets and public infrastructure in another location.  |
| <b>Resettlement Plan</b>         | A time-bound action plan with a budget setting out the resettlement strategy, objectives, entitlements, actions, responsibilities and arrangements for monitoring and evaluation.  |
| <b>Resettlement Effects</b>      | All negative situations directly caused by the Project, including loss of land, property income generation opportunities and cultural assets   |
| <b>Vulnerable Groups</b>         | Distinct groups of people who might suffer disproportionately from resettlement effects, including the poor, landless and semi-landless, female-headed, disabled and elderly HH without means of support and those from minority groups.   |



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## EXECUTIVE SUMMARY

1. This Project known as the Thua Thien Hue Water Supply Subproject (WSS) is an investment project of approximately US\$ 104.4 million to be partly financed by the ADB and partly by the Government of Vietnam (GoV). It will involve the supply of clean water to as many households as possible in Thua Thien Hue, one of Vietnam's oldest and best known provinces in Northern Central Vietnam. Project components include upgrading existing water supply systems throughout the province that will involve the extension of pipelines to as many households as technically feasible and financially realistic (Project to be financed on a cost-recovery basis) and this will include the construction or rehabilitation of water treatment plants. However, the Project has also been designed to ensure that households for whom the WSS to be owned and operated by Thua Thien Hue Water Supply Joint Stock Company (HueWACO) cannot reach will be able to benefit from a range of different WSS utilizing technologies best suited to localities and in accordance with the stated wishes of households who will use this water. Technologies might include rehabilitated gravity-fed systems, upland reservoirs linked to existing or new sources of water supply and rainwater harvesting.

2. The Project will cover all of Thua Thien Hue Province and the capital of Thua Thien Hue Province, Hue City, is one of Vietnam's best known cities because it was the national capital of Vietnam from 1802 until 1945 but also because of its rich historical past and more recently during the Vietnam War. It was the scene of heavy fighting between the eventually victorious Vietnamese Army from the North and the US-backed South Vietnamese Army. It is located in the Central Region of Vietnam at latitude 16-1608 North and longitude 10708-10802 East being bordered in the North by Quang Tri Province, in the South by Danang City, in the West by the Truong Son Mountain Range adjacent to the Lao PDR, and in the East by the South China Sea. The province has an area of 5,009 square kilometers and the circumference along its borders is 88 kilometers with a 128 kilometer long coastline.

3. Due Diligence Report (DDR) Survey activities for Phase I of the subproject were conducted from June 23, 2017 to July 08, 2017 at 43 project wards/communes. Initially, DDR Survey showed that there were no vulnerable households (poor, ethnic minorities, social policies households, female-headed households, disabled households, elderly/few households) locating at the affected areas of the project. No business households were affected, too. There were also no temples, historical sites affected by the project. According to the detailed design drawings prepared in the Project's Phase 1, the implementation of Thua Thien Hue Water Supply Subproject will not involve any land acquisition and all of the pipelines intended to be installed in the Project's Phase 1 would be on public land in which the majority is on pavements and sidewalks of traffic roads; thus, the construction would not cause any permanent involuntary resettlement or temporary impacts to the assets of the citizens, businesses, individuals and organizations in the project areas.



## I. PROJECT DESCRIPTION

### A. Introduction

4. Thua Thien Hue province (TTHP) covers 5,065 km<sup>2</sup> of which 70% are mountains area. With 1.17 million people in 2016, it is a typical province of central Vietnam, with a medium level of poverty, about 45% of the population. The main town, Hue City covers 7,098ha and is located 500km south of Hanoi, 130km north from Da Nang along the Hanoi - HCMC national highway 1A and 100 km east of the Laotian border through the Road 49.

5. HueWACO started its operations approximately 108 years ago (celebrating its centenary in 2009). It has recently become Thua Thien Hue Water Supply Joint Stock Company since 2017. Previously, HueWACO was responsible only for the supply of water to the urban and peri-urban areas of the province. Previously, the rural water supply was under the control of the Center for Rural Water Supply and Sanitation, a Division of the Province's Department of Agriculture and Rural Development. However, the People's Committee of Thua Thien Hue province has recently decided that the responsibility for all water supply throughout the province will be progressively transferred to HueWACO.

6. There is a total of 30 existing Water Treatment Plants (WTP) run by HueWACO: In 2016 the total capacity of these plants was estimated at 200,000 m<sup>3</sup>/d. These supplied piped water to a service area with a population of about 1.0 million out of a total provincial population of approximately 1.2 million.

7. Pursuant to National Strategy for Urban Water Supply at Decision No.1929/QĐ-TTg dated 20/11/2009 of the Prime Minister on approving the orientation for the development of urban and industrial water supply by 2025 and vision in 2050, the GoV has approved for HueWACO to participate in the Multitranche Financing Facility (MFF) program - Phase 2 for the implementation of Thua Thien Hue Water Supply Project which includes the following items:

**i. Phase 1 (2011-2019):** funded by ADB which is a sub-Project of PFR-2, includes: Laying 700km of transmission and distribution pipes (diameter from 50 to 1200mm) at five (5) water supply areas namely Phong Dien, Tu Ha, Loc An, Loc Bon and Hue city.

**ii. Phase 2 (2017-2020):**

- Constructing new water treatment plants, including Van Nien – Quang Te (120,000m<sup>3</sup>/d with a reservoir of 60,000m<sup>3</sup>/d), Huong Van (30,000m<sup>3</sup>/d), and Loc Bon (30,000m<sup>3</sup>/d), which upgrades capacity and expands land area for Van Nien raw water pumping station incorporating constructing the Waterworks Museum at Van Nien;

- Constructing booster stations at Huong Toan, Phu An, Phu Xuan, Vinh Hung; and sub-reservoirs at Chau Son (10,000m<sup>3</sup>) and Phuoc Tuong (5,000m<sup>3</sup>);

- Laying about 160km of transmission and distribution pipes for 3 water supply areas namely Loc Tri, Binh Dien and Chan May;

- Consulting on institutional capacity enhancement and smart management of water supply system.

### B. Scope of this Report

8. This DDR has been prepared for two proposed contract packages HUE-CW03 and HUE-CW04 for dedicated transmission and distribution pipelines (50 – 1200 mm dia.) in 5 water supply areas of Thua Thien Hue Province namely Phong Dien, Tu Ha, Loc An, Loc Bon and Hue city.

9. The DDR, based on the detailed design available, has been prepared as part of the Project Preparatory Technical Assistance provided by the ADB to the Executing Agency (EA), HueWACO.

10. A due diligence process was conducted to examine land acquisition and resettlement issues in detail, in line with ADB's Safeguards Policy Statement (SPS 2009). This report describes the findings and provides scanned copies of relevant documents, minutes of meetings and photographs. This DDR needs to be read along with the Project's Resettlement Framework prepared for HueWACO. Fieldwork also took place as one of the due diligence activities.

### C. Subproject Description

The subproject consisted of 8 component areas located across the province (Table 1):

**Table 1. Summary of Thua Thien Hue Water Supply Subproject**

| <b>Component Area</b> | <b>Name/ Location</b> | <b>Raw Water Source</b> | <b>New or Upgraded Facilities</b>   | <b>Affected area</b>                            |
|-----------------------|-----------------------|-------------------------|---|---|
| <b>Phong Dien</b>     | Phong Dien District   | O Lau river             | <ul style="list-style-type: none"> <li>• 150 km of pipeline (D50 – D500)</li> </ul>   | n/a   |
| <b>Tu Ha</b>          | Huong Tra Town        | Bo river                | <ul style="list-style-type: none"> <li>• Construct Huong Van WTP with surface water source 30,000 m<sup>3</sup>/d</li> <li>• Construct Huong Toan pressure regulate station</li> <li>• 90 km of pipeline (D50-D300)</li> </ul>  | n/a   |
| <b>Hue City</b>       | Hue City & suburbs    | Huong river             | <ul style="list-style-type: none"> <li>• Upgrade Van Nien PS to 320,000 m<sup>3</sup>/d</li> <li>• New Van Nien – Hue City WTP (120,000 m<sup>3</sup>/day) and waterworks museum</li> <li>• New Phu An pressure regulate station</li> <li>• 140 km of pipeline (D50-D1200)</li> </ul> | Historical/ Cultural Site SW of Hue             |
| <b>Loc Bon</b>        | Loc Bon               | Nong river              | <ul style="list-style-type: none"> <li>• New Loc Bon WTP (30,000 m<sup>3</sup>/d)</li> <li>• 230 km of pipeline (D50-D600)</li> <li>• Construct new Phu Xuan pressure regulate station and Chau Son reservoir</li> </ul>  | n/a   |
| <b>Loc An</b>         | Loc An                | Truoi river             | <ul style="list-style-type: none"> <li>• 100 km of pipeline (D50-D400)</li> <li>• Construct new Vinh Hung pressure regulate station</li> </ul>  | Located in buffer zone of Bach Ma National Park |
| <b>Chan May</b>       | Chan May              | Thuy Cam lake           | <ul style="list-style-type: none"> <li>• 80 km of pipeline (D50-D400)</li> </ul>  | North Hai Van Protection Site                   |

| Component Area | Name/ Location        | Raw Water Source | New or Upgraded Facilities  | Affected area                                   |
|----------------|-----------------------|------------------|---|---|
| Binh Dien      | Binh Thanh, Binh Dien | Huu Trach river  | <ul style="list-style-type: none"> <li>• Upgrade Binh Dien WTP with extension to 2,000 m<sup>3</sup>/d</li> <li>• 30 km of pipeline (D50-D400)</li> </ul> | n/a   |
| Loc Tri        | Loc Tri, Loc Binh     | Khe Su stream    | <ul style="list-style-type: none"> <li>• 30 km of pipeline (D50-D400)</li> <li>• Construct Phuoc Tuong reservoir</li> </ul>                               | Located in buffer zone of Bach Ma National Park |

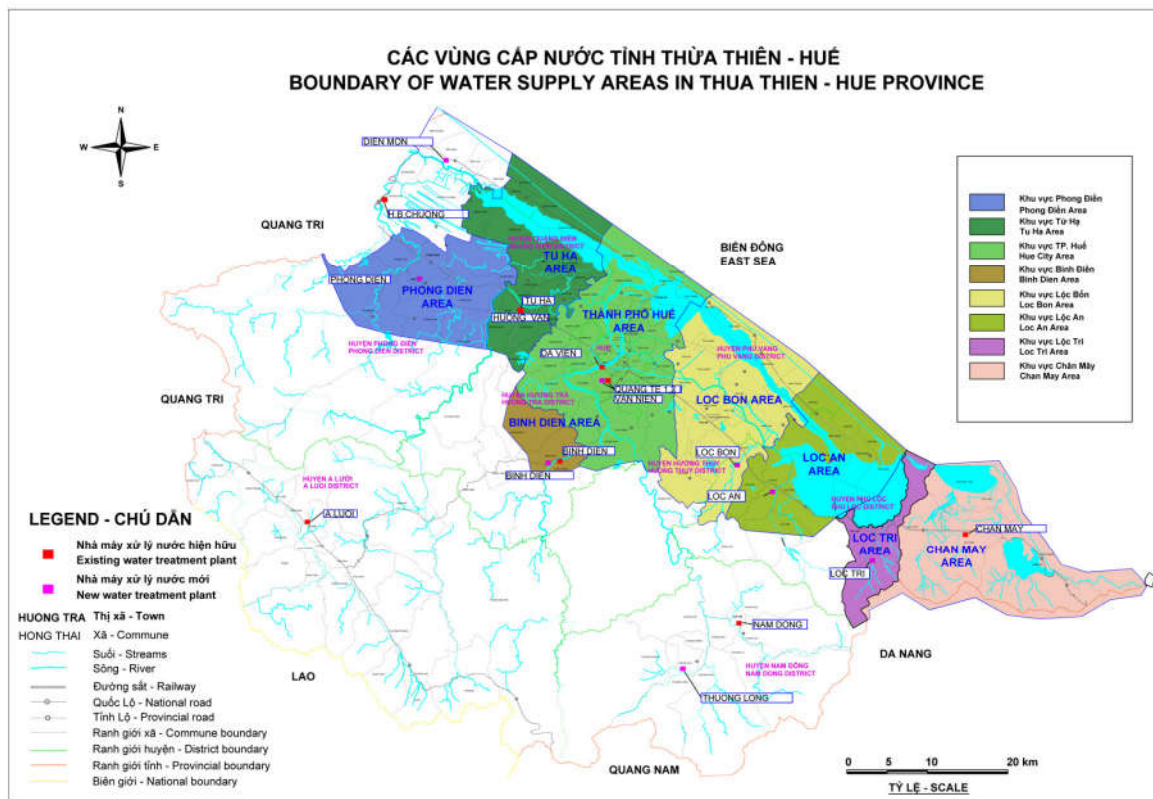
**Table 2. Summary of Phase I of Subproject under ADB Loan**

| Component Area         | Name/ Location                   | New or Upgraded Facilities  | Affected area                                   |
|------------------------|----------------------------------|---|---|
| Phong Dien (Phong Thu) | Phong Dien District              | <ul style="list-style-type: none"> <li>• 150 km of pipeline (D50 – D500)</li> </ul> | n/a   |
| Tu Ha                  | Huong Tra Town                   | <ul style="list-style-type: none"> <li>• 90 km of pipeline (D50-D300)</li> </ul>    | n/a   |
| Hue City (Hue City)    | Hue City& suburbs                | <ul style="list-style-type: none"> <li>• 140 km of pipeline (D50-D1200)</li> </ul>  | Historical/ Cultural Site SW of Hue             |
| Loc Bon                | Huong Thuy Town& Loc Bon Commune | <ul style="list-style-type: none"> <li>• 230 km of pipeline (D50-D600)</li> </ul>   | n/a   |
| Loc An                 | Loc An Commune & suburbs         | <ul style="list-style-type: none"> <li>• 100 km of pipeline (D50-D400)</li> </ul>   | Located in buffer zone of Bach Ma National Park |

**Table 3. Summary of Phase II of Subproject**

| <b>Component Area</b> | <b>Name/ Location</b> | <b>Raw Water Source</b> | <b>New or Upgraded Facilities</b>   | <b>Affected area</b>                            |
|-----------------------|-----------------------|-------------------------|---|---|
| <b>Tu Ha</b>          | Huong Tra Town        | Bo river                | <ul style="list-style-type: none"> <li>• Construct Huong Van WTP with surface water source 30,000 m<sup>3</sup>/d</li> <li>• Construct Huong Toan pressure regulate station</li> </ul>  | n/a   |
| <b>Hue City</b>       | Hue City& suburbs     | Huong river             | <ul style="list-style-type: none"> <li>• Upgrade Van Nien PS to 320,000 m<sup>3</sup>/d</li> <li>• New Van Nien – Hue City WTP (120,000 m<sup>3</sup>/d) and waterworks museum</li> <li>• New Phu An pressure regulate station</li> </ul> | Historical/ Cultural Site SW of Hue             |
| <b>Loc Bon</b>        | Loc Bon               | Nong river              | <ul style="list-style-type: none"> <li>• New Loc Bon WTP (30,000 m<sup>3</sup>/d)</li> <li>• Construct new Phu Xuan pressure regulate station and Chau Son reservoir</li> </ul>   | n/a   |
| <b>Loc An</b>         | Loc An                | Truoi river             | <ul style="list-style-type: none"> <li>• Construct new Vinh Hung pressure regulate station</li> </ul>   | Located in buffer zone of Bach Ma National Park |
| <b>Chan May</b>       | Chan May              | Thuy Cam lake           | <ul style="list-style-type: none"> <li>• 80 km of pipeline (D50-D400)</li> </ul>  | North Hai Van Protection Site                   |
| <b>Binh Dien</b>      | Binh Thanh Binh Dien  | Huu Trach river         | <ul style="list-style-type: none"> <li>• Upgrade Binh Dien WTP with extension to 2,000 m<sup>3</sup>/day</li> <li>• 30 km of pipeline (D50-D400)</li> </ul>   | n/a   |
| <b>Loc Tri</b>        | Loc Tri Loc Binh      | Khe Su stream           | <ul style="list-style-type: none"> <li>• 30 km of pipeline (D50-D400)</li> <li>• Construct Phuoc Tuong reservoir</li> </ul>   | Located in buffer zone of Bach Ma National Park |

**Figure 1. Boundaries of water supply areas in Thua Thien Hue Province**



## II. FIELDWORK AND PUBLIC CONSULTATION

### A. Outline of fieldwork

11. From June 23 to July 08, 2017, site visits and stakeholder consultations were carried out at 43 wards and communes in the project areas.

### B. Public Consultation

12. Stakeholder consultation for the two packages HUE-CW03 and HUE-CW04 were undertaken at the same time as pipelines under both packages are proposed in the same water supply areas of the sub-project, using both trench and trenchless technology. Stakeholder meetings and consultations helped identify the felt needs and concerns and apprehensions of the communities related to the project and priorities of the stakeholders. Discussions were held with people residing at/near and/or having business at/near the proposed subproject locations at 43 wards/communes.

13. The form of consultation was stakeholder meetings. Consultations revealed that people (residents and businessmen) are aware of the inadequacies of the existing water supply system, and are therefore willing to cooperate for execution of the proposed project. It was explained that the proposed pipe alignment will be within the Right of way (RoW) of the road sides under the proposed project, and is therefore not anticipated to impact shops or road side vendors. It was also explained that while some disturbances to traffic may be possible during execution, the road would not need to be closed, and access to all properties/structures along the road would be maintained.

14. The field visits and interactions helped ascertain that no permanent relocation or loss of land or structures or temporary or permanent economic impacts are anticipated as a result of the proposed subproject. Hence, further survey and inventories are not required. The consultations have been summarized as in the Table 4 below:

**Table 4. Summary of Consultations with Stakeholders**

| No. | Location          | Issues Raised   |
|-----|-------------------|---|
| 1   | Huong Thuy Town   | <p>The local residents and authorities support the implementation of the project and expect it to be carried out soon.</p> <p>People proposed that the environmental safeguards and traffic management should be ensured by the Contractors.</p> <p>The pipelines would be laid along interhamlet roads thus it would not involve any land acquisition and resettlement.</p>  |
| 2   | Phu Vang District | <p>No affects on temporary land acquisition to any households as the pipelines are primarily laid on public land.</p> <p>People showed their willingness to participate in the project.</p> <p>The locals support the implementation of the project.</p> <p>There is no permanent or temporary impacts to the households.</p> <p>There is no land acquisition as the pipelines are laid along the public land. If compensation for vegetables occurs, it would follow ADB's regulation.</p> <p>The local residents and authorities support the project so that it would ensure enough pressure during hot seasons and festivals.</p> <p>People in Phu An Commune support the project. They proposed there should be more researchs to be done on the installation of the pressure-boosting pipelines as the road had just been newly-concreted in early 2017.</p> <p>People suggested to have the environmental and traffic safeguards in place during the construction stage.</p>  |
| 3   | Huong Tra Town    | <p>The local residents suggested there should be a meeting with people and affected households before any construction to disseminate once again the purposes and conditions of construction as regulated.</p> <p>People believe that the fetching of clean water to them is of great significance and welcomed.</p> <p>Though it may cause some minor impacts, most of the people support the implementation of the project as it helps improve the quality of life and their health.</p> <p>People commented that the project is significant to all residents as they can use clean water in stead of unhygienic current sources of water.</p> <p>People raised their concerns on the environmental impacts during the construction.</p> <p>There is no affects on land assets as the pipelines are primarily laid on public land.</p> <p>During the construction, if there is any households and land asset affected, then the additional compensation will be paid in accordance with the policies of the province and ADB.</p> |
| 4   | Hue City          | <p>People suggested the project to conduct meetings to disseminate on mitigation measures prior to construction.</p> <p>People commented that the project should apply successive construction method which meant the reinstatement would be done upon the completion of the installation within the day to avoid traffic disturbance.</p> <p>People expected the project to organize a meeting prior to construction so that its purposes and the project's benefits would be clarified once again.</p>  |

|   |                     |   |
|---|---------------------|---|
|   |                     | <p>People commented that the project should apply successive construction method incorporating building temporary bridges to mitigate any impacts on traffic where the pipelines are passing.</p> <p>People expected the early implementation of the project so that they would have clean water for their daily uses.</p> <p>The pipelines are to be laid on pavement thus there is no land acquisition required.</p> <p>The project was positively supported as it helps the residents have clean water and may help increase their incomes from the normal jobs to be recruited by the project.</p> <p>Though the project causes minor impacts on traffic, these are temporary and short-term impacts. The benefits that the project would bring are of great significance in improving the quality of water sources and people's lives.</p> |
| 5 | Phong Dien District | <p>People support the project and expected it to be carried out soon.</p> <p>There is no permanent or temporary affected households as the pipelines are primarily laid on public land.</p>   |
| 6 | Quang Dien District | <p>The construction would not cause any traffic disturbance to people in this area. During the construction, should any households or land assets are affected, the compensation would be applied in accordance with the policies of ADB and the Province.</p> <p>People support the project so that they could have clean water for use.</p>   |
| 7 | Phu Loc District    | <p>People believe the project is of great significance as they could use clean water in stead of other unhygienic sources of water being used at the moment.</p> <p>There is no affects on people at the construction sites.</p> <p>There is no land acquisition to people for pipelines with different diameters.</p> <p>People expected the project to be carried out soon.</p>   |

### III. SCOPE OF LAND ACQUISITION AND INVOLUNTARY RESETTLEMENT

15. **Land acquisition:** Location for transmission main and distribution network within the project areas are laid on sidewalk and under the road. Thus, it causes no impact to land of local people and it requires no land acquisition.

16. **Affected persons by the project (Aps):** The raw water transmission mains are laid under compensated road managed by HueWACO. The project just requires low cost for back-filling after pipe laying.

17. **Project affects on trees, crops:** There is no case affected on trees or crops.

18. **Project affects on Business:** There is no case affected on Business.

19. **Public religious works:** The sub-project does not affect to any public religious works.

20. **Relocation:** There is no dismantled house and relocated.

21. However, sub-project's Phase I under some protected areas are affected or may be affected as follows:

Phase I (2011-2019) will be funded by ADB - PFR2:

| Component Area             | Name/ Location           | New or Upgraded Facilities   | Affected area                                   |
|----------------------------|--------------------------|--|---|
| <b>Hue City (Hue City)</b> | Hue City& suburbs        | <ul style="list-style-type: none"> <li>140 km of pipeline (D50-D1200)</li> </ul> | Historical/ Cultural Site SW of Hue             |
| <b>Loc An</b>              | Loc An Commune & suburbs | <ul style="list-style-type: none"> <li>100 km of pipeline (D50-D400)</li> </ul>  | Located in buffer zone of Bach Ma National Park |

22. The Phase I of sub-project has D1200 pipelines namely Van Nien – Quang Te with a total length of 3.2 km including a 50m pipeline installed in the zone I of the protected area of Tu Duc Tomb (the center of the pipeline is 12m from the fence of the tomb) in the cultural and historical area of Southwest Hue. During the design process, HueWACO has consulted with Hue Monuments Conservation Center. The Center has approved of HueWACO of implementing the project and suggested the PMU supervise closely and carefully during the construction process. If any traces of ancient works are discovered, they must be notified to be appropriately addressed by the Center. The construction should limit the impacts on visitors, greenery systems, ecological environment and related structures. (See annex 5)

23. The Phase I also has D63-160 HDPE distribution pipelines with a total length of 11,798m installed in Bat Son and Bach Thach villages, Loc Dien commune and 2,830m D63-90 HDPE pipelines in No.9, No.10 village, Loc Hoa commune (Loc An water supply area) in the buffer zone of Bach Ma National Park. The management agency- The Management Board of Bach Ma National Park, has approved the construction with no further comments. (See annex 6)

#### IV. INFORMATION DISCLOSURE, PARTICIPATORY CONSULTATION, AND GRIEVANCE REDRESS

##### A. Information Disclosure Activities Accomplished

24. Information disclosure and consultation activities carried out as part of project preparation due diligence involved discussions.

25. Thua Thien Hue Water Supply PMU had implemented the DDR survey from June 23 to July 08, 2017 at 43 wards/communes in the project areas. HueWACO had organised 43 public consultation meetings in wards/ communes. The contents of these meeting included:

**Table 5: Public consultation information**

| Consulted persons   | Content/Information of the public consultation meetings   |
|---|---|
| <ul style="list-style-type: none"> <li>Leaders of wards' PC</li> <li>Representative of wards' agencies</li> </ul> | <ul style="list-style-type: none"> <li>Introduce the project and expected locations for pipelines installation</li> <li>Consult; collect information on Socio-economic, water supply, environment, and sanitation in localities.</li> </ul> |



| Consulted persons   | Content/Information of the public consultation meetings  |
|---|--|
| <ul style="list-style-type: none"> <li>• Representative of organisations</li> <li>• Leader of resident's groups</li> <li>• HHs in the project.</li> </ul> | <ul style="list-style-type: none"> <li>• Project policies. Conduct Preliminary statistics on the numbers of affected households by temporary, permanent land acquisition, properties on land in the project area (if any). Unexpected impacts and mitigation measures.</li> <li>• GAP issues follow ADB's requirements (demand on jobs for male and female labor forces during construction, etc).</li> <li>• Collect opinions of the participants.</li> </ul> |

26. All consultation meetings do not need to use local ethnic languages as there are no ethnic minorities' people affected by the project.

27. After public consultation meetings, HueWACO has already conducted in-depth interviews with some households under project scope. Such interviews focused on poor, female-headed households and households located along the pipeline construction areas.

28. During the bidding selection, PMU requested the Contractor to take the implementation of the Contractors Environmental Management Plan seriously in compliance with the Updated EMP that was approved by ADB and the regulations on environmental protection in the Project's Environmental Impact Evaluation Report approved by the the Department of Natural Resources and Environment of Thua Thien Hue Province (DonRE) to prevent or minimize all negative environmental impacts. Major mitigation measures responded by the PMU during the consultation was summarized as below:

- As per detailed designs all civil works should be located away from all cultural property and values including cemeteries and pagodas, etc.
- minimize noise and vibration levels and emission of dust and exhaust gases by heavy machinery and vehicles used for earthworks and pipe laying.
- Locate worker camps away from human settlements.
- Ensure adequate housing and waste disposal facilities including pit latrines and garbage cans.
- A solid waste collection program must be established and implemented that maintains a clean worker camps and worksite.
- All borrow pits and pipe laying trench should have a fence perimeter with signage to keep public away.
- After use pits and quarries should be dewatered and permanent fences installed with signage to keep public out, and restored as much as possible using original overburden and topsoil.
- Piles of aggregates at sites should be used/or removed promptly, or covered and placed in non-traffic areas.
- Provide adequate short-term drainage away from construction sites to prevent ponding and flooding.
- All aggregate loads on trucks should be covered.

29. The results of public consultation meetings showed that local authorities and citizens completely agreed with the project implementation. The majority of citizens have been aware of the benefits that the project for supplying clean water would bring to them and their family. Particularly, there is a great demand and desire for supplying clean water in the rural areas without access to clean water since the people living here are using water from polluted and unstable sources. Even though there were some opinions from the people and localities raised in the consultation meetings that they concerned about the temporary impacts of the project during the construction phase like noise, dust or traffic disturbance; above all, everyone fully agreed to the implementation of the project and would expect the PMU to have a close coordination with the local authorities for a high quality and timely-implemented project. The citizens would like to participate in the project activities as local employees during the construction and look forward to the project implementation. In public consultation meetings, the citizens focused on the following issues: (i) the Project scope, (ii) newly installed pipelines, (iii) length of pipelines, (iv) costs for connection, (v) water tariff, (vi) compensation for affected households, (vii) commencement time of the project and the time of supply for citizens. Thua Thien Hue Water Supply PMU has already responded to all questions of participants. The Minutes of public consultation meetings and list of participants are attached in Annex 1.

#### **B. Consultation and information disclosure plan during project implementation process**

30. Before of commencement date and during the implementation, PMU should publish the project's Public Information Booklet and post project's information related to such affected communes/wards, in the public space, for instance: People's Committee Office. Such information should cover the (i) nature of the project, (ii) the scope of the project, (iii) the construction time and schedule, (iv) list of pipelines, (v) locations where likely to be temporarily affected and (vi) the grievance mechanisms to be put in place. The phone numbers of the site manager and the person in charge of the Contractor representatives must be posted on the project information boards at the worksite.

31. In the event that the sub-project may have LAR impacts, the public, especially AHs, local governments and other target beneficiaries will be consulted and will participate in the preparation and implementation of a resettlement plan (RP). RP preparation and implementation will be in line with the process described in the Project Resettlement Framework (RF) agreed between the Government of the Vietnam (GoV) and ADB.

32. The consultations with APs (if any) will be carried out throughout the project cycle, starting with the mobilization of the Thua Thien Hue Water Supply PMU so that APs needs and preferences can be incorporated into the detailed design arrangements, where practicable. APs will also be encouraged to participate in various RP processes such as the: (i) DMS, (ii) RCS, (iii) identification of sites, (iv) payment of compensation and delivery of other assistance, (v) monitoring of impacts and benefits, and (vi) discussion and settlement of grievances. The scope of information to be provided to APs includes: (i) descriptions of the project/subprojects and overall schedule, (ii) DMS and RCS results, (iii) policy principles and entitlements and special provisions, (iv) grievance procedures, (v) timing for payments and temporary displacement schedule, and (vi) institutional responsibilities.

#### **C. Post-project implementation**

33. The HuePPC will inform the ADB following the Project completion. As part of the appraisal, all aspects of the Project such as technical issues, finance, economics, environment, and RP shall be evaluated if their respective objectives have been met as to their relevance, efficacy, efficiency, and sustainability.

The HuePPC will coordinate with the commune and village officials to inform the APs to participate in the consultations and interviews that shall be conducted by the Bank's Independent Evaluation Division.

#### **D. Disclosure**

34. The final DDR will be posted on ADB's website after having the approval from ADB. Monitoring reports on resettlement will also be uploaded on ADB's website.

35. Updating and dissemination of the DDR is integral to the project's Stakeholder Communication Strategy designed to support review, updating and dissemination of the DDR through (i) establishment, and regular consultation with, local focal points in all subproject areas; (ii) community meetings in parallel with detailed infrastructure design; (iii) individual consultations with potential/affected persons; and (iv) joint meetings between officials, potential/affected persons, project staff, and civil society/mass organizations on matters of resettlement planning, implementation, and monitoring.

## **V. GRIEVANCE REDRESS MECHANISM**

36. Due to no influence on local residents with respect to lands, properties, and incomes, a Resettlement Compensation Committee is not required. However, in order to ensure that all questions and complaints from the local residents (not only relating to compensation and resettlement, but also other issues of the project) are addressed in a timely and satisfactory manner, and that all possible avenues are available to local residents to air their grievances, a well-defined grievance redress mechanism needs to be established.

37. This mechanism will resolve concerns and complaints from affected households in an active and timely manner through an easy-to-understand and clear process that meets the requirements on gender equality and that is appropriate with local cultures and is easily accessed by all the affected residents with no cost and penalty. This mechanism will not cause any obstructions to access to the national judiciary and administrative systems. All expenses related to the grievance will be borne by the project.

38. The grievance redress procedure shall be implemented as follows:

### **First Stage, Commune/Ward People's Committee**

39. An aggrieved APs may bring his/her complaint to the One Door Department of the Ward People's Committee, in writing or verbally. The member of WPC/CPC at the One Door Department will be responsible for notifying the WPC/CPC leaders about the complaint about solving. The Chairman of the WPC/CPC will meet personally with the aggrieved APs and will have 10 days following the receiving date of the complaint to resolve it. The WPC/CPC secretariat is responsible for documenting and keeping a file of all complaints handled by the WPC/CPC.

### **Second Stage, District/Hue City People's Committee (DPC/HCPC)**

40. If after 30 days the aggrieved affected household does not hear from the WPC/CPC, or if the APs is not satisfied with the decision taken on his/her complaint, the APs may bring the case, either in writing or verbally, to any member of the DPC/HCPC of the district. The DPC/HCPC, in turn, will have 30 days following the receiving date of the complaint to resolve the case. The DPC/HCPC is responsible for documenting and keeping a file of all complaints that it handles and will inform the WPC/CPC of any decision made.

### **Third Stage, Provincial People's Committee (HuePPC)**

41. If after 30 days the aggrieved APs does not hear from the DPC/HCPC, or if the APs is not satisfied with the decision taken on his/her complaint, the affected household may bring the case, either in writing or verbally, to any member of the HuePPC. The HuePPC has 45 days within which to resolve the complaint to the satisfaction of all concerned. The HuePPC secretariat is responsible for documenting and keeping files of all complaints handled by the HuePPC.

### **Final Stage, the Court of Law Arbitrates**

42. If after 45 days following the lodging of the complaint with the HuePPC, the aggrieved affected household does not hear from the HuePPC, or if he/she is not satisfied with the decision taken on his/her complaint, the case may be brought to a court of law for adjudication. The decision by the court will be the final decision.

43. A decision on solving the complaints must be sent to the aggrieved APs and concerned parties and must be posted at the office of the People's Committee where the complaint is solved. After 3 days, the decision/result on the solution is available at commune/ward level and after 7 days at district or city level. The Grievance redress procedure shall also be made available in the project's Public Information Booklet. The PMU is responsible for following-up the grievance process of the APs.

44. If efforts to resolve complaints or disputes are still unresolved and unsatisfactory following the project's grievance redress mechanism, the households have the right to send their concerns or problems directly to ADB's Southeast Asia Department (SERD) or through ADB Viet Nam Resident Mission. If the households are still not satisfied with the responses of SERD, they can directly contact the ADB's Office of the Special Project Facilitator as outlined in the Information Guide to the Consultation Phase of the ADB Accountability Mechanism.

45. Complaints processing by GoV shall be filed by the complaint resolution agency, with reference numbers on pages following the sequences of contents of the documents and maintained in accordance with legal regulations. In the event that an administrative complaint is brought to the Court, its documents shall be sent to the authorized Court for resolution as required. Forms to be used by the complaint resolution agencies for processing the complaints are provided in Circular No. 07/2013/TT-TTCP. The APs will not have to bear any administration costs. Furthermore, the complainant and those who submitted complaints to the court will have their legal representative without any costs.

46. In addition, should there be any requests for clarifications or complaints about construction implemented by the Contractor, one can contact representatives of the Contractor, the Engineer or the PMU directly via phone numbers provided on the project information boards at the worksite. Besides, for issues relating to water supply, the locals can contact HueWACO via the hot lines or send letters/e-mails to the address provided in water invoices or the company's website.

47. The grievance redress mechanism will be disclosed to households at the offices of all subproject local locations (wards/communes/districts) where the project goes through and it will be continuously disseminated to people during project implementation. The project grievance procedure does not impede access to the court at any time.

## **VI. LEGAL FRAMEWORK, COMPENSATION AND ENTITLEMENT POLICY**

### **A. Objectives**

48. Although the Project is Category B for involuntary resettlement (with less significant impacts), the Thua Thien Hue Water Supply sub-project does not entail any land acquisition and/or involuntary resettlement impacts. Thus, the Thua Thien Hue Water Supply sub-project Phase I is Category C for involuntary resettlement with minimal or no impacts, and preparation of a resettlement plan (RP) is not required. In the event that AHs are identified during the construction period, an RP will be prepared based on the entitlements and procedures described in the project RF. AHs, that will emerge due to changes in Project design or alignment prior to or even during construction works will be compensated as per the entitlements described in this RF.

### **B. The Legal basis of Compensation and Entitlement Policy**

49. There are existing laws that govern land acquisition and resettlement in Vietnam. These laws, together with the ADB's Safeguard Policy Statement (2009) shall regulate the land acquisition and compensation of affected households under the Project, as discussed in the RF agreed between GoV and ADB.

50. The RF sets out the objectives, principles, eligibility criteria and entitlements for AHs who may be affected by the Project based on (i) the national and legal context; and, (ii) ADB's Safeguards Policy Statement (SPS) (2009). The RF outlines the details on entitlements, compensation and assistance, participation and consultation procedures and grievance redress mechanisms that will be set up to assist AHs through the process of land acquisition and resettlement in order to enable them to attain an equivalent or better living standard than they had before the project.

51. The main objectives of ADB's Policy on Involuntary Resettlement is to avoid or minimize impacts on people, property, and businesses affected by the acquisition of land, or other impacts of the project, including impacts on livelihood and income, that arise from the implementation of the project. Where involuntary resettlement is not avoidable, it must be minimized either by exploring project alternatives or by providing specific mitigation to enhance or at least restore the living standards of the affected people to their pre-project levels.

52. ADB's Policy on Gender and Development (2006) also has a bearing on resettlement. This policy adopts gender mainstreaming as a key strategy for promoting gender equity, and for ensuring that women participate and that their needs are explicitly addressed in the decision-making process. For projects that have the potential to cause substantial gender impacts, a gender plan is prepared to identify strategies to address gender concerns and the involvement of women in the design, implementation, and monitoring of the project. ADB's Policy on Indigenous Peoples (SPS 2009) states that the borrower/client will ensure (i) that affected Indigenous Peoples receive culturally appropriate social and economic benefits; and (ii) that when potential adverse impacts on Indigenous Peoples are identified, these will be avoided to the maximum extent possible. Where this avoidance is proven to be impossible, based on meaningful consultation with indigenous communities, the Indigenous Peoples Plan will outline measures to minimize, mitigate, and compensate for the adverse impacts.

53. Other policies of the ADB that have bearing on resettlement planning and implementation are the (i) Public Communications Policy (2011); and (ii) Accountability Mechanism (2012). According to these policies, the PMU is required to proactively share and disclose the project information with stakeholders

and the public at large. Affected people should have easy access to the project information. The grievance redress mechanism, therefore, must be included in the resettlement plans and disclosed to the affected people.

54. Together, the ADB Safeguard Policy Statement 2009, Laws of the Government of Viet Nam, and Provincial People's Committee Decrees/Decisions on resettlement provide an adequate legal basis to identify the past, present, and future involuntary resettlement impacts and risks, outlining procedures to determine the scope of resettlement planning through a survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement impacts and risks.

## VII. PROJECT PRINCIPLES

55. The principles for resettlement policy in the Project are as follows:

- a. Acquisition of land and other assets, and resettlement of people will be minimized as much as possible.
- b. All AHs residing, working, doing business or cultivating land within the recovered area under the Project as of the cut-of-date are entitled to be provided with rehabilitation measures sufficient to assist them to improve or at least maintain their pre-project living standards, income earning capacity and production levels.
- c. The rehabilitation measures to be provided are: (i) compensation at replacement cost without deduction for depreciation or salvage materials for houses and other structures; (ii) agricultural land-for-land of equal productive capacity acceptable to the AHs; (iii) replacement of premise land (if any) of equal size acceptable to the AHs; (iv) transportation and subsistence allowances, and (v) business/income rehabilitation allowances.
- d. Replacement premise and agricultural land will be as nearby as possible to the land that was lost, and acceptable to the AHs. In the case of minor fractions of land (less than 20% of total land holding), cash compensation may apply at the choice of APs or if there no land is available for compensation "land-for-land".
- e. The resettlement transition period will be minimized and the rehabilitation means will be provided to the AHs no later than one month prior to the expected start-up date of works in the respective Project site.
- f. Plans for the acquisition of land and other assets and provision of rehabilitation measures will be carried out in consultation with the APs to ensure minimal disturbance. Entitlements will be provided to APs no later than one month prior to expected start-up of works at the respective Project site.
- g. Adequate budgetary support will be fully committed and be made available to cover the costs of land acquisition and resettlement and rehabilitation within the agreed implementation period. Physical resources for resettlement and rehabilitation will be made available as when required
- h. Appropriate reporting, monitoring, and evaluation mechanisms will be identified and set in place as part of the resettlement management system, with the participation of APs.

**Table 6: SPS requirements and Project Policy on Involuntary Resettlement**

| Issues                       | ADB Safeguards  | Project Policy   |
|------------------------------|---|--|
| Eligibility for compensation | - Displaced persons with/without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets. | - All non-titled APs will be entitled to payment for non-land assets at full replacement cost.<br>- Landless households will be assisted to get a plot of land in a resettlement site. |



|   |  |   |
|---|--|---|
| Threshold for severely affected farmers gives entitlement to training assistance. | <ul style="list-style-type: none"> <li>- APs losing more than 10 % of HH's productive land (it is a common regulation in ADB-funded projects)</li> </ul>   | <ul style="list-style-type: none"> <li>- Threshold of losing more than 10% of HH's agricultural land holding is applied for APs' entitlements to income rehabilitation measures.</li> </ul>   |
| Compensation for structures   | <ul style="list-style-type: none"> <li>- Compensation for structures at replacement cost, with no depreciation or deduction for salvaged materials.</li> </ul>   | <ul style="list-style-type: none"> <li>- Payment for structures, regardless of tenure status, will be compensated at full replacement cost.</li> <li>- Additional cash or in-kind assistance will be provided on a case by- case basis.</li> </ul>  |
| Assistance for business APs   | <ul style="list-style-type: none"> <li>- Business owners are entitled to (i) the costs of reestablishing commercial activities elsewhere; (ii) the net income lost during the transition period; and (iii) the costs of transferring and reinstalling plants, machinery, or other equipment.</li> <li>- Business owners with legal rights or recognized or recognizable claims to land where they carry out commercial activities are entitled to replacement property of equal or greater value or cash compensation at full replacement cost.</li> </ul> | <ul style="list-style-type: none"> <li>- All formally registered businesses who have income impacted will be provided with business assistance in cash equal to 30% of their annual net income to restore their income.</li> <li>- The non-registered businesses with income impacted due to the project's land acquisition, which is recognized by local authorities, will be given business income assistance at levels regulated by TTH PC.</li> </ul> |
| Tenants   | <ul style="list-style-type: none"> <li>- Non-titled APs, including displaced tenants and sharecroppers are not entitled to compensation for land but are entitled to payment for non-land assets and assistance to restore their pre-project living standards.</li> </ul>  | <ul style="list-style-type: none"> <li>- All non-titled APs (including tenants and sharecroppers) will be entitled to payment for non-land assets at full replacement cost.</li> </ul>  |

## VIII. INSTITUTIONAL ARRANGEMENTS

56. The role and functions of each organization responsible for resettlement implementation are outlined below:

57. The project owner is Thua Thien Hue Provincial People's Committee (HuePPC) who has delegated responsibility primarily to the Executing Agency (EA), HueWACO. HueWACO will execute the project through a Project Management Unit (PMU). The PMU will be responsible for the implementation of the entire project according to the requirements, policies, and guidelines of ADB, and the laws of the State. PMU will directly coordinate the project implementation with all stakeholders including donors, related State agencies (governments at all levels from national to local), the concerned organization, the consulting unit, contractors, etc.

58. The project owner (HuePPC) has established a Project Steering Committee (PSC) to direct the implementation works. Members of the PSC consist of representatives from the TTH provincial departments such as Department of Planning and Investment, Department of Finance, Department of Construction, Department of Transportation and Department of Natural Resources and Environment, Chairpersons of Hue City, 2 towns and 6 districts relating to HueWACO project. The PMU is responsible for reporting on progress, results, problems etc. in the process of implementing the project to the PSC.

59. Resettlement-related tasks of HueWACO include (i) monitoring and evaluating the progress of activities under the DDR and ADB's policy (ii) reporting to ADB and HuePPC on the progress of resettlement activities; and (iii) forwarding ADB's comments and suggestions to HuePPC.

60. The PMU is responsible for (i) overall project planning, day-to-day implementation, management, monitoring, and supervision; (ii) reporting to the PSC, HueWACO, and ADB; (iii) liaising with all stakeholders; and, (iv) coordinating all activities in the Project. The PMU is composed of a sufficient number of experienced professionals including an Assistant Secretary-level Project Director. It has an independent office headquartered in HueWACO.

61. A Social Safeguards Focal/employee has been assigned by the PMU. The PMU's resettlement-related tasks will include the following: (i) Carry out internal monitoring and implement resettlement activities including income and livelihood restoration for the Aps (if any); (ii) Assist HueWACO in reporting to ADB; (iii) prepare the RP and any required Corrective Action Plan as per the process and policies described in the RF; and, (iv) Ensure the timely delivery of budget for the implementation of resettlement activities.

62. **Project Implementation Consultants (PIC).** The project will engage a national social safeguards specialist to support PMU in handling resettlement issues.

63. The PIC will work closely with participating LGUs in developing any required RP through the conduct of the DMS in a participatory and transparent way and consistent with the Project resettlement policy. Once approved by the Municipal/District People's Committee, endorsed by HueWACO, and concurred by ADB, the PIC will provide technical support in the implementation of the agreed RP. The PIC will likewise provide capacity-building orientation and skills training, as needed, to concerned personnel of the PMU and the LGUs.

64. The specific tasks of the national social safeguards specialist will include:

- According to the provisions in the social safeguard plans, assist in preparing the materials and strategy for information campaigns, public consultation, and community participation;
- Train PMU assigned social safeguard focal persons to carry out internal monitoring and reporting of social safeguards plans, and Monitor grievance process from all the affected households.
- Ensure that mechanisms to address grievances promptly and properly are in place and functioning well;
- Review the survey materials and method to complete the Detailed Measurement Survey during detailed design and recommend improvements as required;
- Draw up the Resettlement Plans (if needed), and follow-up to ensure their approval by the HuePPC;
- Update and support implementation of the RP; in coordination with the Gender Specialist, prepare training modules;
- Brief officials at all levels on the content and procedures for implementing the social safeguard plans and improve, if necessary, procedures for the coordination of resettlement, compensation, and implementation of resettlement activities;
- Establish and implement procedures for ongoing internal monitoring;
- Verify the calculations of compensation made by the Provincial and District Resettlement Committee in relation to the provisions of the RP entitlement matrix, and advise the PMU on any required measures to take to ensure compensation levels are made according to the RP provisions;
- Provide periodic training on grievance redress if needed; Establish and implement liaison mechanisms to ensure proper technical and logistical support to PMU, resettlement committees and concerned government departments;

65. The PIC will support the PMU in supervising civil works activities to ensure that (i) contractors adhere to the terms of their contract relative to avoiding and/or minimizing land acquisition and resettlement impacts; and, (ii) contractors provide the necessary compensation and/or assistance for any temporary impacts for land and non-land assets during construction to the AHs as described in the entitlement matrix.

## **IX. RESETTLEMENT BUDGET**

66. No resettlement budget has been prepared for the Thua Thien Hue Water Supply sub-project, as there are no LAR impacts. However, in the event that any AHs are found during the construction period, an RP will be prepared based on the entitlements and methodology described in the RF. The RP will include a resettlement budget calculated based on (i) the DMS; (ii) the entitlements set out in the entitlement matrix of the Project RF; and, (iii) the RCS. The resettlement budget will also include administration costs (2% of direct costs). A contingency of 10% of the total direct costs added to administration costs will be included in the resettlement cost estimates. The RP will include the breakdown for each type of losses with corresponding replacement cost estimates reflecting prevailing market values. The RP will also include detailed schedule and procedures related to flow of funds for resettlement.

67. All costs for resettlement, including compensation for affected assets, allowances, and livelihood and income restoration activities; operation and administration costs; surveys; monitoring; and reporting, will be financed by HueWACO as counterpart fund. Procedures for funds disbursement to APs will follow the accounting rules and regulations of GoV.

## **X. INTERNAL MONITORING AND REPORTING**

68. The following internal monitoring process and reporting mechanisms will apply should any LAR impacts be identified during subsequent stages of project implementation:

### **A. Community Monitoring**

69. Community-based monitoring (CBM) is a form of public oversight, ideally driven by local information needs and community values, to increase the accountability and quality of social services or to contribute to the management of ecological resources. Within the CBM framework, members of a community affected by a social program or environmental change generate demands, suggestions, critiques, and data that they then feedback to the organization implementing the program or managing the project.

70. People in the subproject area are encouraged to monitor the implementation of RP, especially the affected people by comparing what they received with what stated in the RP.

### **B. Internal Monitoring**

71. Internal monitoring will serve to evaluate (i) compliance with the Project's social safeguards policies and procedures, including resettlement; (ii) timely availability of personnel, material, and financial resources and efficient use of these to implement land acquisition and resettlement activities; and, (iii) identification of problems, if any, and development of remedial actions to address these.

72. The PMU will develop internal monitoring indicators, procedures and reporting requirements for all project components that involve resettlement and will report on resettlement implementation as part of quarterly project progress reports submitted to HueWACO, HuePPC, and ADB.

73. Internal monitoring indicators will include:

- Compensation and entitlements computed at rates and procedures as provided in the RPs and RF agreed between GoV and ADB;
- Timely and complete disbursement of compensation to AHs in accordance with the agreed RPs and RF, and as per agreement with Project authorities;
- Timely and complete delivery of relocation, income restoration and rehabilitation allowances and measures;
- Public information, public consultation, and grievance redress procedures are followed as described in the approved RP and RF;
- Attention is given to the priorities of AHs regarding the options offered;
- Public facilities and infrastructure affected by the Project are restored promptly; and,
- The transition between resettlement, if any, and civil works is smooth (i.e. completion of resettlement activities required before the award of civil works contracts)

## ANNEX 1: MINUTES OF PUBLIC CONSULTATION MEETING AND LIST OF PARTICIPANTS

(Full version is enclosed to the report, as in the following link:

<https://drive.google.com/file/d/0B5CAZFGAtotINi1JODNCdDISaUk/view?usp=sharing>)

### LIST OF PARTICIPANTS (Sample) FOR PUBLIC CONSULTATION/IN-DEPTH INTERVIEW

**Time:** July 3<sup>rd</sup>, 2017

**Location:** People's committee of Phong Dien Town – Phong Dien District

**Component:**

**Description:** Public consultation for PD5 pipeline – Khanh My – Duc Phu towns

| NO. | Name             | Address  | Mobile      | Sign | Remark |
|-----|------------------|----------|-------------|------|--------|
| 1.  | Le Thi Ha        | Khanh My | 01695565276 |      |        |
| 2.  | Truong Duy Heo   | As above | 0949073780  |      |        |
| 3.  | Le Quang Cu      | As above | 01668468936 |      |        |
| 4.  | Le Quang Can     | As above | 0905386684  |      |        |
| 5.  | Nguyen Thi Tam   | As above | 0932741374  |      |        |
| 6.  | Le Thi Hoa       | As above | 0976880359  |      |        |
| 7.  | Nguyen Ngoc Nam  | As above | 0910840705  |      |        |
| 8.  | Hoang Van Ky     | As above | 0911721959  |      |        |
| 9.  | Nguyen Huu Loi   | As above | 0914078676  |      |        |
| 10. | Mai Van Tam      | As above | 01698540486 |      |        |
| 11. | Nguyen Thi Hanh  | As above | 0986825254  |      |        |
| 12. | Nguyen Dung      | As above | 01224434949 |      |        |
| 13. | Tran Ton         | As above | 0914721533  |      |        |
| 14. | Nguyen Dang Ngo  | Duc Phu  | 0932409561  |      |        |
| 15. | Doan Van Quang   | As above |             |      |        |
| 16. | Le Khac Giao     | As above | 01639204985 |      |        |
| 17. | Doan Van Trieu   | As above | 01655406683 |      |        |
| 18. | Nguyen Khoa Theo | As above | 01222461097 |      |        |
| 19. | Nguyen Khoa Toan | As above | 01692450303 |      |        |
| 20. | Nguyen Khoa Mo   | As above | 01684324084 |      |        |

**SOCIALIST REPUBLIC OF VIETNAM**

Independence - Freedom – Happiness

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**MINUTES OF PUBLIC CONSULTATION MEETING (Sample)**

**Ward/Commune:** Phong Dien town. **District:** Phong Dien. **Province:** Thua Thien Hue

**Component:**

**Location:** People's Committee of Phong Dien town, Phong Dien district, Thua Thien Hue province

**Time:** From 9:00 am to 12:30 am. July 2<sup>nd</sup>, 2017

**Number of participants:** 25 persons, of which: Male: 20 persons; Female: 05 persons

**Ethnic Minorities:** 0 people.

**Participants:** (enclosed by a list)

**Local authority:**

- Rep. of PC: Nguyen Dang Long – Title: Vice chairman of Phong Dien PC
- Rep. of Fatherland Front: Dong Huu Quy - Title: Chairman of Phong Dien Fatherland Front
- Rep. of Women's Union: Nguyen Thi Hoa - Title: Chairman of Phong Dien Women's Union
- Rep. of Farmer's Union: Doan Xuan Hung - Title: Chairman of Phong Dien farmer's Union
- Rep. of hamlet: Duong Dang Tien - Title: Head of Khanh My hamlet
- Rep. of hamlet: - Title:
- Rep. of hamlet: - Title:
- Rep. of hamlet: - Title:
- Rep. of hamlet: - Title:

**Client**

- Rep. of PMU: Nguyen Lien Minh - Title: Vice Director of PMU
- Rep. of Water Supply enterprise: Tran Van Phong - Title: Director of Huong Dien enterprise  
Nguyen Quang Chien  
Ho Van Tau

**Design and supervision Consultant**

Rep. of Haskoning DHV: - Title:

Rep. of WATECH: - Title:

**Community:** (enclosed by a list)

**I. Description:**

1. Introduce the project and expected locations for pipelines installation
2. Consult; collect information on Socioeconomic, water supply, environment and sanitation in localities.
3. Project policies. Conduct Preliminary statistics on the numbers of affected households by temporary, permanent land acquisition, properties on land in the project area (if any).  
Unexpected impacts and mitigation measures

4. GAP issues follow ADB's requirements (demand on jobs for male and female labor forces during construction, etc)
5. *Collect opinions of the participants*
6. *Conduct site surveys along planned pipeline routes (after public consultations)*
7. *Conduct in-depth interviews in households under the project (after public consultations)*

**II. Current Socioeconomic, water supply, environment, and sanitation conditions:**

*Number of households: 2333, Population: 8466 persons; Number of area/hamlet: 6*

*Number of poor households: 106, Number of near poor households: 55*

**Other vulnerable households:** *Yes*

**Sources of income of local people:** *Agricultural and small business*

**Current use of septic tanks and other sanitation works:** *Septic tanks*

**Current use of water sources:** *Treated water, well water*

**III. Newly installed and improved pipelines:**

*New installation (length, pipe type, diameter, route, location...)*

*L: 4342, Cast iron D400, along TL9 road (supply for Phong Dien industrial zone) (newly installed)*

*Rehabilitation, improvement (length, pipe type, diameter, route, location...)*

*None*

*Pressure boosting position (if any) (number of positions, location area/hamlet?)*

*None*

**IV. Resettlement policy under the project and situation of affected households within the temporary and permanent land acquisition, properties on land (if any).** *Expected construction positions temporarily affecting people's transportation (if any). Whether Pressure boosting position affects households or not? Whether pipelines in different sizes affect temporary, permanent land acquisition or not? Affected land uses, affected properties... Mitigation measures. Unexpected impacts and mitigation measures*

- Construction sites do not affect people's transportation
- None of the temporary and permanent affected households
- None of the properties on land is affected because pipelines only pass through public land.
- During construction, affected households, affected properties on land will be compensated in accordance with policies of the province and ADB.

**V. GAP issues follow ADB's requirements:**

Both male and female are willing to be unskilled workers

Daily income of workers (including meals) is 250.000 VND/day (for both male and female workers)



**VI. Comments on the project:**

The people are very supportive for the project to have access to clean water.

Conveying water to the people in the town is a significant activity, and they would welcome the project.

**VII. Conclusion:**

The people are all supportive of the project and hope that the project shall be started soon.

The project has none of the temporary and permanently affected households because pipelines only pass through public land.

**Representative of  
Client**

**Representative of Consultant**

**Representative of  
Local authority**

**ANNEX 2: SURVEY PLANS IN COMMUNES/WARDS**

| No. | Date                              | Time          | Project Wards/Communes                   | No. of Participants |        | % of female participants |
|-----|-----------------------------------|---------------|--|---------------------|--------|--------------------------|
|     |                                   |               |  | Male                | Female |                          |
| 1   | <b>23/06/2017<br/>(Friday)</b>    | 7:30 - 9:30   | Loc Son Commune, Phu Loc District        | 29                  | 9      | 23.6%                    |
| 2   |                                   | 9:30 - 11:30  | Loc Bon Commune, Phu Loc District        | 18                  | 18     | 50%                      |
| 3   |                                   | 13:00 - 15:30 | Loc An Commune, Phu Loc District         | 41                  | 9      | 18%                      |
| 4   |                                   | 15:30 - 17:30 | Loc Dien Commune, Phu Loc District       | 32                  | 24     | 42.8%                    |
| 5   | <b>24/06/2017<br/>(Saturday)</b>  | 7:30 - 9:30   | Vinh Giang Commune, Phu Loc District     | 23                  | 40     | 63.5%                    |
| 6   |                                   | 9:30 - 11:30  | Vinh Hai Commune, Phu Loc District       | 36                  | 27     | 42.8%                    |
| 7   |                                   | 13:00 - 15:00 | Vinh Hien Commune, Phu Loc District      | 25                  | 41     | 62.1%                    |
| 8   | <b>28/06/2017<br/>(Wednesday)</b> | 7:30 - 8:30   | Thuy Luong Ward, Huong Thuy Town         | 35                  | 9      | 20.5%                    |
| 9   |                                   | 7:30 - 11:30  | Vinh An Commune, Phu Vang District       | 51                  | 10     | 16.4%                    |
| 10  |                                   | 14:00 - 17:15 | Vinh Thanh Commune, Phu Vang District    | 46                  | 14     | 23.3%                    |
| 11  | <b>29/06/2017<br/>(Thursday)</b>  | 7:30 - 11:30  | Vinh Xuan Commune, Phu Vang District     | 48                  | 12     | 20%                      |
| 12  |                                   | 14:00 - 17:30 | Phu Dien Commune, Phu Vang District      | 45                  | 16     | 26.2%                    |
| 13  | <b>30/06/2017<br/>(Friday)</b>    | 8:30 - 10:00  | Phong Xuan Commune, Phong Dien District  | 50                  | 13     | 20.6%                    |
| 14  |                                   | 10:00 - 12:00 | Phong My Commune, Phong Dien District    | 47                  | 10     | 17.5%                    |
| 15  |                                   | 10:00 - 11:30 | Phu Xuan Commune, Phu Vang District      | 34                  | 10     | 22.7%                    |
| 16  |                                   | 14:00 - 15:30 | Sia Town, Quang Dien District            | 46                  | 9      | 16.3%                    |
| 17  |                                   | 15:30 - 17:30 | Quang Phuoc Commune, Quang Dien District | 17                  | 5      | 22.7%                    |
| 18  | <b>01/07/2017<br/>(Saturday)</b>  | 7:20 - 8:20   | Phong Hien Commune, Phong Dien District  | 11                  | 5      | 31.2%                    |
| 19  |                                   | 9:00 - 11:00  | Quang Loi Commune, Quang Dien District   | 52                  | 21     | 28.7%                    |
| 20  |                                   | 13:30 - 15:30 | Phong Hoa Commune, Phong Dien District   | 31                  | 4      | 11.4%                    |
| 21  |                                   | 15:30 - 17:30 | Phong Son Commune, Phong Dien District   | 24                  | 12     | 33.3%                    |
| 22  | <b>02/07/2017<br/>(Sunday)</b>    | 9:00 - 12:30  | Phong Dien Town, Phong Dien District     | 20                  | 5      | 20%                      |
| 23  |                                   | 19:30 - 20:00 | Huong Xuan Ward, Huong Tra Town          | 20                  | 8      | 28.5%                    |
| 24  | <b>03/07/2017<br/>(Monday)</b>    | 7:30 - 8:30   | Tu Ha Ward, Huong Tra Town               | 2                   | 3      | 60%                      |
| 25  |                                   | 8:00 - 10:15  | Quang Thai Commune, Quang Dien District  | 22                  | 2      | 8.3%                     |

|    |                                   |               |                                       |     |    |       |
|----|-----------------------------------|---------------|---------------------------------------|-----|----|-------|
| 26 |                                   | 8:30 - 10:00  | Phong An Commune, Phong Dien District | 25  | 10 | 28.5% |
| 27 |                                   | 8:30 - 10:30  | Huong Long Ward, Hue City             | 28  | 5  | 15.1% |
| 28 |                                   | 9:00 - 11:00  | Huong Vinh Commune, Huong Tra Town    | 35  | 9  | 20.5% |
| 29 |                                   | 10:00 - 11:30 | Phu An Commune, Phu Vang District     | 31  | 7  | 18.4% |
| 30 |                                   | 14:00 - 16:00 | Thuy Phuong Commune, Huong Thuy Town  | 46  | 7  | 12.7% |
| 31 |                                   | 19:30 - 21:00 | Huong Xuan Ward, Huong Tra Town       | 23  | 8  | 25.8% |
| 32 | <b>04/07/2017<br/>(Tuesday)</b>   | 7:30 - 9:30   | Thuy Thanh Commune, Phu Vang District | 37  | 7  | 15.9% |
| 33 |                                   | 8:00 - 10:00  | Hai Duong Commune, Huong Tra Town     | 57  | 18 | 24%   |
| 34 |                                   | 15:00 - 16:00 | Huong An Commune, Huong Tra Town      | 27  | 9  | 25%   |
| 35 |                                   | 16:30 - 19:00 | Huong Van Ward, Huong Tra Town        | 147 | 43 | 22.6% |
| 36 | <b>05/07/2017<br/>(Wednesday)</b> | 8:00 - 10:00  | Phu Ho Commune, Phu Vang District     | 39  | 8  | 17%   |
| 37 |                                   | 14:00 - 16:00 | Phu My Commune, Phu Vang District     | 30  | 9  | 23%   |
| 38 | <b>06/07/2017<br/>(Thursday)</b>  | 7:30 - 9:30   | Vinh Ninh Ward, Hue City              | 20  | 12 | 37.5% |
| 39 |                                   | 9:30 - 12:00  | Thuan Thanh Ward, Hue City            | 18  | 15 | 45.4% |
| 40 |                                   | 14:00 - 17:00 | Thuy Xuan Ward, Hue City              | 21  | 6  | 22.2% |
| 41 | <b>07/07/2017<br/>(Friday)</b>    | 8:00 - 10:30  | Truong An Ward, Hue City              | 3   | 1  | 25%   |
| 42 |                                   | 14:00 - 17:15 | Kim Long Ward, Hue City               | 23  | 9  | 28.1% |
| 43 | <b>08/07/2017<br/>(Saturday)</b>  | 7:30 - 9:00   | Phu Hoi Ward, Hue City                | 26  | 10 | 27.8% |
| 44 |                                   | 9:30 - 12:00  | Xuan Phu Ward, Hue City               | 11  | 4  | 26.7% |

**ANNEX 3: PICTURES FROM CONSULTATIONS WITH PUBLIC AND RELEVANT PARTIES**









#### ANNEX 4: EXPECTED LOCATIONS FOR PIPELINES INSTALLATION

| Pipeline Code                                  | Pipeline description  | Project Areas |
|--|---|---------------|
| <b>Transmission and distribution pipelines</b> |   |               |
| PD5  | DN400 Ductile Iron L=4,371M PHONG DIEN Industrial Park                        | Phong Dien    |
| TH1  | DN500 Ductile Iron L=2,003M along TU HA Planning Road                         | Tu Ha         |
| TH2  | DN400 Ductile Iron L=1,013M along THONG NHAT Street                           | Tu Ha         |
| H1   | DN1200 Ductile Iron L=2,594.6M from VAN NIEN to QUANG TE 3                    | Hue City      |
| H2   | DN1200 Ductile Iron L=525M from QUANG TE 3 to DIEN BIEN PHU Street            | Hue City      |
| H3   | DN500 Ductile Iron L=620M along HUNG VUONG Street                             | Hue City      |
| H4   | DN800 Ductile Iron L=875M along NGUYEN HUE Street                             | Hue City      |
| H5   | DN600 Ductile Iron L=2,116M from BA TRIEU Street to THUY DUONG – THUAN AN     | Hue City      |
| H6   | DN500 Ductile Iron L=2,947M from TO HUU Street to No.10A Provincial Road      | Hue City      |
| H7   | DN500 Ductile Iron L=4,112M along DINH TIEN HOANG Street                      | Hue City      |
| H8   | DN600 Ductile Iron L=1,160M from KIM LONG Street to NGUYEN HOANG Street       | Hue City      |
| H9   | DN600 Ductile Iron L=1,104M along NGUYEN HOANG Street                         | Hue City      |
| H10  | DN500 Ductile Iron L=3,642M from LY NAM DE Street to No.1A National Highway   | Hue City      |
| H11  | DN400 Ductile Iron L=1,758M from No.10A Provincial Road to PHU DUONG Commune  | Hue City      |
| H12  | DN500 Ductile Iron L=837M from No.19 Provincial Road to HUONG CAN             | Hue City      |
| H13  | DN500 Ductile Iron L=2,577M from HUONG VINH Commune to No.1A National Highway | Hue City      |
| H14  | DN500 Ductile Iron L=2,355M from NGU BINH Street to CAU BAC 2                 | Hue City      |
| PD1  | D280 HDPE pipeline for PHONG AN - PHONG XUAN L=2.697 M                        | Phong Dien    |
| PD2  | D225 HDPE pipeline for BEN CUI Village - PHONG XUAN L=4.268 M                 | Phong Dien    |
| PD3  | D225 HDPE pipeline for PHONG XUAN Commune L=6.485 M                           | Phong Dien    |
| PD4  | D160 HDPE pipeline from Provincial Road No.11 to NA MAY BRIDGE L=6,153 M      | Phong Dien    |
| PD6  | D225 HDPE pipeline along Provincial Road No.9 L=1,910 M                       | Phong Dien    |
| PD7  | D160 HDPE pipeline along Provincial Road No.6 L=2.517 M                       | Phong Dien    |
| PD8  | D160 HDPE pipeline for PHONG AN - PHONG SON L=1,642 M                         | Phong Dien    |
| PD9  | D160 HDPE pipeline for BEN CUI Village - PHONG XUAN L=4.098 M                 | Phong Dien    |
| PD10   | D160 HDPE pipeline for PHONG XUAN Commune L=1,248 M                           | Phong Dien    |
| PD11   | D110 HDPE pipeline along Provincial Road No.11B L=1,527 M                     | Phong Dien    |
| PD12   | D450 HDPE pipeline for PHONG DIEN Industrial Park L=5,879M                    | Phong Dien    |
| PD13   | D225 HDPE pipeline for PHONG HIEN Commune L=2.583M                            | Phong Dien    |
| PD14   | D160 HDPE pipeline for PHONG AN Commune L=1,925M                              | Phong Dien    |
| PDN1   | D50-160 HDPE pipeline expanding for PHONG THU Commune L=1,144M                | Phong Dien    |
| PDN2   | D50-160 HDPE pipeline expanding for PHONG AN Commune L=1.110M                 | Phong Dien    |
| PDN3   | D63 HDPE pipeline expanding for PHONG HIEN Commune L=311M                     | Phong Dien    |
| PDN4   | D110 HDPE pipeline Boosting Pressure for PHONG AN Commune L=1,122M            | Phong Dien    |
| TH3  | D225 HDPE pipeline for QUANG LOI - QUANG THAI Commune L=9,435M                | Tu Ha         |
| TH4  | D225 HDPE pipeline along TU HA BYPASS L=3,204M                                | Tu Ha         |
| TH5  | D315 HDPE pipeline for TU HA Industrial Park L=1,428M                         | Tu Ha         |
| TH6  | D225 HDPE pipeline for SIA Town - BEN DO L=2,183M                             | Tu Ha         |
| TH7  | D315 HDPE pipeline along Provincial Road No.4 L=3,597M                        | Tu Ha         |
| TH8  | D160-225 HDPE pipeline for AN GIA Village – SIA Town L=3.236M                 | Tu Ha         |

|       |  |          |
|-------|--|----------|
| TH9   | D160 HDPE pipeline for HUONG XUAN Ward L=1,154M                                | Tu Ha    |
| TH10  | D160 HDPE pipeline for HUONG XUAN Ward L=988M                                  | Tu Ha    |
| THN1  | D50-110 HDPE pipeline expanding for QUANG CONG Commune L=10.045M               | Tu Ha    |
| THN2  | D63-90 HDPE pipeline expanding for TU HA Ward L=4.783M                         | Tu Ha    |
| THN3  | D63-90 HDPE pipeline expanding for HUONG VAN Ward L=1.123M                     | Tu Ha    |
| THN4  | D63-75 HDPE pipeline expanding for QUANG PHUOC Commune L=1.066M                | Tu Ha    |
| THN5  | D63-75 HDPE pipeline expanding for SIA Town L=2.088M                           | Tu Ha    |
| THN6  | D50-75 HDPE pipeline expanding for QUANG VINH Commune L=757M                   | Tu Ha    |
| THN7  | D90-110 HDPE pipeline expanding for PHONG HAI Commune L=1.081M                 | Tu Ha    |
| THN8  | D63-110 HDPE pipeline expanding for QUANG LOI Commune L=8.872M                 | Tu Ha    |
| THN11 | D50-110 HDPE pipeline for ZONE 1 – TU HA Town L=2.567M                         | Tu Ha    |
| THN12 | D63 HDPE pipeline for ZONE 2 – TU HA Town L=2.211M                             | Tu Ha    |
| THN13 | D63-90 HDPE pipeline Boosting Pressure for QUANG CONG Commune L=830M           | Tu Ha    |
| THN14 | D160 HDPE pipeline Boosting Pressure for QUANG THAI Commune L=1.015M           | Tu Ha    |
| THN15 | D110 HDPE pipeline Boosting Pressure for HUONG XUAN Commune L=2,565M           | Tu Ha    |
| THN16 | D110 HDPE pipeline Boosting Pressure for HUONG XUAN Commune L=862M             | Tu Ha    |
| H15   | D315 HDPE pipeline along TRINH CONG SON Street L=2.465M                        | Hue City |
| H16   | D225 HDPE pipeline from PHAM VAN DONG to THUY DUONG – THUAN AN L=1,377M        | Hue City |
| H17   | D315 HDPE pipeline from Provincial Road No.8B to Provincial Road No.4 L=3,082M | Hue City |
| H18   | D315 HDPE pipeline from Provincial Road No.8B to HUONG CAN BRIDGE L = 2.857M   | Hue City |
| H19   | D160-225 HDPE pipeline along QUANG THO – HUONG XUAN L = 5.376M                 | Hue City |
| H20   | D355 HDPE pipeline along LY NAM DE Street L = 2.813M                           | Hue City |
| H21   | D225 HDPE pipeline along Interward Street of HUONG AN – HUONG CHU L=4,463M     | Hue City |
| H22   | D160 HDPE pipeline along Interward Street of HUONG HO L=1.893M                 | Hue City |
| H23   | D315 HDPE pipeline along MINH MANG Street to TUAN BRIDGE L=5.120M              | Hue City |
| H25   | D160 HDPE pipeline along Intercommune Street of THUY THANH L=2,295M            | Hue City |
| H27   | D315 HDPE pipeline along Intercommune Street of HUONG VINH L=1,122M            | Hue City |
| H28   | D160 HDPE pipeline along Intercommune Street of PHU MAU L=2,136m               | Hue City |
| H29   | D160 HDPE pipeline along Intercommune Street of PHU THANH L=2,110M             | Hue City |
| H30   | D315 HDPE pipeline along MY LAI Market to 27 L=672M                            | Hue City |
| H31   | D225 HDPE pipeline along BUI THI XUAN Street L=2.006M                          | Hue City |
| H32   | D160 HDPE pipeline along Intercommune Street of PHU MAU L=2,145M               | Hue City |
| H33   | D225 HDPE pipeline along Interward Street of HUONG CHU L=1.967M                | Hue City |
| H34   | D160 HDPE pipeline along Intercommune Street of HUONG TOAN L=2,473M            | Hue City |
| H35   | D225 HDPE pipeline along Intercommune Street of HUONG PHONG L=1.366M           | Hue City |
| HKH1  | D63-90 HDPE pipeline expanding for HUONG HO Ward L=3.490M                      | Hue City |
| HKH2  | D50-63 HDPE pipeline expanding for HUONG TOAN Ward L=859M                      | Hue City |
| HKH3  | D50-75 HDPE pipeline expanding for THUY DUONG Ward L=1.985M                    | Hue City |
| HKH4  | D63-75 HDPE pipeline expanding for THUY PHUONG Ward L=3.306M                   | Hue City |
| HCD1  | D63 HDPE pipeline for THUAN THANH – THUAN HOA Ward L=614M                      | Hue City |
| HCD2  | D63 HDPE pipeline for HUONG LONG – KIM LONG Ward L=1.143M                      | Hue City |
| LB1   | D315 HDPE pipeline along Provincial Road No.13 L = 10.395M                     | Loc Bon  |
| LB3   | D315 HDPE pipeline for PHU HO Commune L = 2,960M                               | Loc Bon  |
| LB4   | D160 HDPE pipeline for PHU XUAN Commune L = 5,520M                             | Loc Bon  |



|                             |  |            |
|-----------------------------|--|------------|
| LB5                         | D225 HDPE pipeline for PHU DIEN Commune L = 6,622M                               | Loc Bon    |
| LB6                         | D355 HDPE pipeline along THUAN HOA Street L =9,771M                              | Loc Bon    |
| LB8                         | D225 HDPE pipeline along Provincial Road No.10A, L = 3,876M                      | Loc Bon    |
| LB9                         | D225 HDPE pipeline for VINH XUAN Commune L = 5,733M                              | Loc Bon    |
| LB10                        | D225 HDPE pipeline for VINH THANH Commune L = 2.821M                             | Loc Bon    |
| LB11                        | D225 HDPE pipeline for VINH AN Commune L = 2.850M                                | Loc Bon    |
| LB12                        | D225 HDPE pipeline along DA LE Street L = 4.469M                                 | Loc Bon    |
| LB13                        | D225 HDPE pipeline for Interward Street of LOC BON Commune L=2,079M              | Loc Bon    |
| LB14                        | D225 HDPE pipeline for Intercommune Street of LOC SON – LOC BON L=2,870M         | Loc Bon    |
| LB15                        | D160 HDPE pipeline for Intercommune Street of PHU XUAN – PHU DA L=6,758M         | Loc Bon    |
| LBKH1                       | D50-160 HDPE pipeline expanding for LOC BON Commune L=9.789M                     | Loc Bon    |
| LBKH2                       | D75-90 HDPE pipeline expanding for PHU MY Commune L=1.783M                       | Loc Bon    |
| LBKH3                       | D63-75 HDPE pipeline expanding for PHU BAI Ward L=3.536M                         | Loc Bon    |
| LBKH4                       | D90 HDPE pipeline for THUY PHU Commune L=600M                                    | Loc Bon    |
| LBKH5                       | D63-75 HDPE pipeline for VINH PHU Commune L=2.394M                               | Loc Bon    |
| LBKH6                       | D75-90 HDPE pipeline expanding for PHU XUAN Commune L=843M                       | Loc Bon    |
| LBKH7                       | D75-90 HDPE pipeline expanding for THUY LUONG Ward L=2112M                       | Loc Bon    |
| LBKH8                       | D50-90 HDPE pipeline expanding for THUY CHAU Ward L=2588M                        | Loc Bon    |
| LBKH9                       | D63 HDPE pipeline for THUY CHAU Commune L=369M                                   | Loc Bon    |
| LA1                         | D225 HDPE pipeline from National Highway No.1A to LA SON Industrial Park L=2202M | Loc An     |
| LA2                         | D225 HDPE pipeline for LOC SON – LOC AN Commune L=4,760M                         | Loc An     |
| LA3                         | D280 HDPE pipeline for VINH GIANG Commune L=4.605M                               | Loc An     |
| LA4                         | D225 HDPE pipeline for VINH HIEN Commune L=3.006M                                | Loc An     |
| LA5                         | D225 HDPE pipeline for LOC DIEN Commune L=6.733M                                 | Loc An     |
| LA6                         | D90 - D160 HDPE pipeline for VINH HAI Commune L=7.520M.                          | Loc An     |
| LAKH1                       | D63-110 HDPE pipeline expanding for LOC AN Commune L=6.470M                      | Loc An     |
| LAKH2                       | D63-75 HDPE pipeline expanding for LOC SON Commune L=1.325M                      | Loc An     |
| LAKH3                       | D90 HDPE pipeline expanding for LOC DIEN Commune L=1.017M                        | Loc An     |
| LAKH4                       | D63-90 HDPE pipeline expanding for LOC HOA Commune L=2.809M                      | Loc An     |
| <b>Distribution Network</b> |  |            |
| PDM1                        | D50-160 HDPE at PHONG XUAN Commune L=41.429M                                     | Phong Dien |
| PDM2                        | D50-160 HDPE at PHONG MY Commune L=49.014M                                       | Phong Dien |
| PDM3                        | D50-160 HDPE at HAI DUONG Commune L=3.166M                                       | Phong Dien |
| PDM4                        | D50-160 HDPE at QUANG NGAN Commune L=8,547M                                      | Phong Dien |
| LBM1                        | D63-160 HDPE at VINH AN L=57.696M  | Loc Bon    |
| LBM2                        | D63-110 HDPE at VINH THANH Commune L=34.444M                                     | Loc Bon    |
| LBM3                        | D63-110 HDPE at VINH XUAN Commune L=14.044M                                      | Loc Bon    |
| LBM4                        | D63-160 HDPE at PHU DIEN Commune L=25.921M                                       | Loc Bon    |
| LAM1                        | D40-110 HDPE at VINH GIANG Commune L=25.503M                                     | Loc An     |
| LAM2                        | D50-90 HDPE at VINH HAI Commune L=13.753M  | Loc An     |
| LAM3                        | D63-75-90 HDPE at VINH HIEN Commune L=16.805                                     | Loc An     |
| LAM4                        | D63-75-90-110-160 HDPE at LOC DIEN Commune L=11.798M                             | Loc An     |

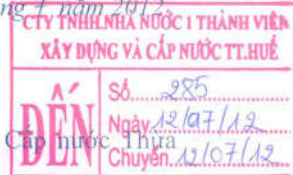
**ANNEX 5: CONSULTATION DOCUMENT OF HUE MONUMENT CONSERVATION CENTER**

UBND TỈNH THỪA THIÊN HUẾ  
TRUNG TÂM BẢO TỒN DI TÍCH  
CỐ ĐÔ HUẾ

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM  
Độc lập - Tự do - Hạnh phúc

Số 74/BTDT-NC  
V/v xây dựng tuyến ống truyền tải  
nước thô D1200 từ Trạm bơm cấp I  
Vạn Niên về Nhà máy nước Quảng tế.

Thừa Thiên Huế, ngày 09 tháng 7 năm 2012.



Kính gửi: Công ty TNHH NN MTV Xây dựng và Cấp nước Thừa Thiên Huế

Trung tâm Bảo tồn Di tích Cố đô Huế đã nhận được công văn số: 273/CV-CNH, ngày 31 tháng 5 năm 2012 của Công ty TNHH NN MTV Xây dựng và Cấp nước Thừa Thiên Huế “V/v xin tham gia ý kiến phương án thiết kế cơ sở công trình tuyến ống cấp nước thô D1200 từ Trạm bơm cấp I Vạn Niên về các NMN Quảng Tế”.

Về vấn đề này, Trung tâm Bảo tồn Di tích Cố đô Huế xin có ý kiến như sau:

1. Thống nhất chủ trương của UBND tỉnh Thừa Thiên Huế về xây dựng tuyến ống truyền tải nước thô D1200 từ Trạm bơm cấp I Vạn Niên về Nhà máy nước Quảng tế.

2. Vị trí dự kiến xây dựng tuyến ống truyền tải nước thô, có chiều dài L=460m đi ngang qua lăng Tự Đức đều thuộc phạm vi khu vực I di tích (Hồ sơ điều chỉnh khoanh vùng bảo vệ đã được UBND tỉnh Thừa Thiên Huế và các ban ngành liên quan ký phê duyệt vào ngày 28 tháng 12 năm 2009).

Do vị trí xây dựng tuyến ống truyền tải nước thô tại khu vực lăng Tự Đức đều có độ sâu từ 1m – 1,2m, nên đề nghị Công ty TNHH NN MTV Xây dựng và Cấp nước Thừa Thiên Huế cần trọng trong quá trình thi công, nếu phát hiện dấu vết công trình cổ đề nghị thông báo cho Trung tâm Bảo tồn Di tích Cố đô Huế biết để có hướng xử lý thích hợp.

3. Di tích Lăng Tự Đức là một trong những điểm tham quan thu hút khách du lịch. Do vậy, việc thi công tuyến ống đi qua khu vực không được làm ảnh hưởng đến tuyến tham quan du lịch, hệ thống cây xanh, môi trường sinh thái và các công trình phụ thuộc chung quanh lăng.

Thời điểm thi công tại khu vực lăng Tự Đức đề nghị đơn vị thi công thông báo cho Trung tâm Bảo tồn Di tích Cố đô Huế biết (liên hệ ông Trần Minh Sanh – Di động: 0905013196) để cử cán bộ tham gia giám sát.

Trung tâm Bảo tồn Di tích Cố Huế xin trả lời đề Công ty TNHH NN MTV Xây dựng và Cấp nước Thừa Thiên Huế được rõ. M

GIÁM ĐỐC

Nơi nhận:

- Như trên;
- BGĐ TT;
- Lưu VT, BV, NC.



Phạm Thanh Hải

**TT.HUE PROVINCE PEOPLE'S COMMITTEE**  
**Hue Monuments Conservation Centre**

**SOCIALIST REPUBLIC OF VIETNAM**  
**INDEPENDENCE - FREEDOM - HAPPINESS**

Ref No.: 764/BTDT-NC

Thua Thien Hue, 9<sup>th</sup> July 2012

"Subject: Installation of D1200 raw water transmission pipeline from Van Nien Pumping Station to Quang Te Water Treatment Plant".



Kindly to: - Thua Thien Hue Construction and Water Supply One Member State-owned Company Limited

Hue Monuments Conservation Centre received the Official Document No. 273/CV-CNH dated May 31, 2012 of Thua Thien Hue Construction and Water Supply One Member State-owned Company Limited with the subject "asking for comments on the basic design of the construction works for installing D1200 raw water transmission pipeline from Van Nien Pumping Station to Quang Te Water Treatment Plant".

Regarding this matter, Hue Monuments Conservation Centre would have the following comments:

1. We totally agreed with the advocacy of the Thua Thien Hue Province People's Committee on the installation of the D1200 raw water transmission pipeline from Van Nien Pumping Station to Quang Te Water Treatment Plant.

2. The location for installing the raw water transmission pipeline with a length of 460 meters which passed Tu Duc Tomb belongs to the Area No.1 of the monuments (The documentations for adjusting the coverage of the protection area was approved by the Thua Thien Hue Province People's Committee and relevant authorities on December 28, 2009).

Since the location for installing the raw water transmission pipeline at Tu Duc Tomb area has the depth of 1.0 – 1.2 meters, we would request Thua Thien Hue Construction and Water Supply One Member State-owned Company Limited to be careful during the construction and if finding any antique traits, please let the Hue Monuments Conservation Centre be informed for an appropriate response.

3. Tu Duc Tomb is one of the tourist attractions. Therefore, the installation of pipelines passing this area shall not create any disturbance to the visiting route, the trees, ecological environment as well as dependable works surrounding the tomb.

Please advise the Hue Monuments Conservation Centre the time for construction at Tu Duc Tomb area via the contact: Mr. Tran Minh Sanh, mobile phone number: 0905013196) for an arrangement of supervision staff.

The Hue Monuments Conservation Centre would have the above responses to make it clear for Thua Thien Hue Construction and Water Supply One Member State-owned Company Limited.

***Distributed to:***

- As above;
- Board of Directors of the Centre;
- Archived;

**DIRECTOR**  
**(Signed and sealed)**

**Phan Thanh Hai**

**ANNEX 6: CONSULTATION DOCUMENT OF BACH MA NATIONAL PARK**

TỔNG CỤC LÂM NGHIỆP  
VƯỜN QUỐC GIA BẠCH MÃ

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM  
Độc lập - Tự do - Hạnh phúc

Số: 4 59 /VBM-XD

Phủ Lộc, ngày 12 tháng 5 năm 2017

“V/v tham vấn về các tuyến ống cấp nước nằm trong vùng đệm Vườn quốc gia Bạch Mã”.

Kính gửi: Công ty Cổ phần Cấp nước Thừa Thiên Huế.

Phức đáp văn bản số 165/CV-CNH ngày 03/5/2107 về việc tham vấn ý kiến về các tuyến ống cấp nước nằm trong vùng đệm Vườn quốc gia Bạch Mã. Vườn có ý kiến như sau:

- Thống nhất chủ trương của UBND tỉnh Thừa Thiên Huế về việc xây dựng các tuyến ống cấp nước sạch tại các thôn Bát Sơn, Bạch Thạch xã Lộc Điền, các thôn 9, thôn 10 xã Lộc Hòa.

- Việc triển khai thi công các tuyến ống trong khu vực vùng đệm không có tác động đến Vườn quốc gia Bạch Mã.

Trong quá trình triển khai thi công, đề nghị HueWACO lập các giải pháp kỹ thuật, phương án tổ chức thi công nhằm đảm bảo an toàn lao động, vệ sinh và cảnh quan môi trường trong khu vực.

Vậy Vườn thông báo để quý cơ quan được biết.

Trân trọng./.

Nơi nhận:  
- Như trên;  
- Lưu VT.



Huỳnh Văn Kéo



Translation Version

**ADMINISTRATION OF FORESTRY  
BACH MA NATIONAL PARK**

**SOCIALIST REPUBLIC OF VIETNAM  
INDEPENDENCE - FREEDOM - HAPPINESS**

Ref No.: 139/VBM-XD

*Phu Loc, 12<sup>th</sup> May 2017*

Subject: Consultation on the installation of  
the water pipelines in the buffer zone of  
Bach Ma National Park".



Kindly to: - Thua Thien Hue Water Supply Joint Stock Company

In response to the Official Document No.165/CV-CNH dated May 03, 2017 on the consultation on the installation of the water pipelines in the buffer zone of Bach Ma National Park, we have the following comments:

- We totally agreed with the advocacy of the Thua Thien Hue Province People's Committee on the installation of the potable water pipelines at Bat Son and Bach Thach Hamlets of Loc Dien Commune, at No.9 and No.10 Hamlets of Loc Hoa Commune.
- The installation of the pipelines within the buffer zone does not have any bad impacts to Bach Ma National Park.

During the installation, we would kindly request HueWACO to have the technical and constructional organization measures in place for a good administration of the occupational safety and health, sanitation and landscape.

Please kindly be informed.

***Distributed to:***

- As above;
- Archived;

**DIRECTOR**  
***(Signed and sealed)***

**Huynh Van Keo**