

Resettlement Plan

Resettlement Plan
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Constructing New Water Transmission and Distribution Networks, Thai Nguyen City, Thai Nguyen Province

Prepared by Thai Nguyen Water Joint Stock Company.

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CURRENCY EQUIVALENTS

(as of September 2018)

Currency unit	–	VND
US Dollar (\$)	=	Vietnamese Dong (VND)
\$1.00	=	VND 22,000

ABBREVIATIONS

ADB	Asian Development Bank
AH/AP	Affected Household / Affected Person
CFLD	Center for Land Fund Development
CPC	City People's Committee
DARD	Department of Agriculture & Rural Development
DMS	Detailed Measurement Survey
EA	Executing Agency
FS	Feasibility Study
FHH	Female-Headed Household
HH	Household
IA	Implementing Agency
ISC	Implementation & Support Consultant
LURC	Land Use Right Certificate
PC	People's Committee
PMU	Project Management Unit
PPC	Province People's Committee
RCS	Replacement Cost Study
ROW	Right of Way
RP	Resettlement Plan
RPF	Resettlement Plan Framework
VND	Viet Nam Dong (currency)
WU	Women's Union

GLOSSARY

Compensation	- This is payment given in cash or in kind to affected persons (APs) at replacement cost or at current market value for assets and income sources acquired or adversely affected by the project.
Cut-off date	- Refers to the date after which people will NOT be considered eligible for compensation i.e. they are not included in the list of APs as determined by a census. In this Project, the Center for Land Fund Development of Thai Nguyen will disclose the cut-off-date to residents and local officials of each affected commune which coincides with the date of detailed measurement survey completion.
Detailed Measurement Survey (DMS)	- With the use of approved detailed engineering drawings, this activity involves the finalization and/or validation of the results of the IOL, severity of impacts, and list of APs done during the preparation of this resettlement plan (RP).
Affected person (AP)	- Refers to any person or persons, household, firm, private or public institution that, on account of changes resulting from the Project, will have its (i) standard of living adversely affected; (ii) right, title or interest in any house, land (e.g., residential, commercial, agricultural, and/or grazing land), water resources or any other 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 physical displacement.
Affected Household (AH)	In the case of affected household (AH), it includes all members residing under one roof and operating as a single economic unit, who are adversely affected by the project.
Entitlements	- Refers to a range of measures, such as compensation in cash or in kind, income restoration support, transfer assistance, relocation support, etc., which are provided to the APs depending on the type and severity of their losses to restore their economic and social base.
Involuntary Resettlement	- It is the displacement of people, not of their own volition but involuntarily, from their homes, assets, sources of income and livelihood in the ROW in connection with the Project.
Land acquisition	- is a process in which a state agency requires an individual, a household, a firm or a private enterprise to transfer a part or whole of land from their own or possession land to the state agency use or possession for public purposes and be compensated at substitute cost.
Relocation	- This is the physical displacement of a DP from his/her pre-project place of residence and/or business.

Replacement cost	- Means the amount in cash or in kind needed to replace an asset in its existing condition, without deduction of transaction costs or depreciation and salvageable materials, at a prevailing current market value at the time of compensation payment.
Replacement Cost Study	- This refers to the process involved in determining replacement costs of affected assets based on empirical data.
Resettlement	- Refers to various measures provided to DPs or AHs to mitigate any and all adverse social impacts of the project, including compensation, relocation (where relevant), and rehabilitation as needed.
Resettlement Plan	- This is a time-bound action plan with budget, setting out the resettlement objectives and strategies, entitlements, activities and responsibilities, resettlement monitoring, and resettlement evaluation.
Right of Way (ROW)	- This is the area which will be cleared of all structures and obstructions.
Severely affected Households	- This refers to AHs who will (i) lose 10% or more of their total productive assets, (ii) have to relocate, and/or (iii) lose 10% or more of their total income sources due to the project.
Vulnerable groups	- These are distinct groups of people who might suffer disproportionately or face the risk of being further marginalized due to the project and specifically include: (i) female-headed households with dependents, (ii) household heads with disabilities, (iii) households falling under the generally accepted indicator of poverty, (iv) elderly households who are landless and with no other means of support, (v) landless households, (vi) ethnic minorities.

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EXECUTIVE SUMMARY

Project Description

1. Thai Nguyen Provincial People's Committee (PPC) and Thai Nguyen Water Supply Joint Stock Company (JSC) are implementing Thai Nguyen City Water Supply System Development Project under Asian Development Bank (ADB)'s loans.

The project includes following components:

- Water intake and raw water pipelines
- Water treatment plant and ancillary works
- Pipelines and house connections

2. Resettlement Plan (RP) was prepared in investment project preparation phase (feasibility report) includes: legal and benefit framework; characteristics and socio-economic conditions of affected households (AHs); asset inventory of affected households, community consultation and activities with participation of people; monitoring and implementation plans including complaint procedure, organization and implementation, time and the implementation budgets.

3. **Scope of the updated Resettlement Plan:** A Resettlement Plan was prepared in 2013, based on preliminary design and covered the whole project including the Water Treatment Plant (WTP) and pipeline system. This resettlement plan is updated based on the detail design of the pipeline system. The WTP component is described in another social safeguard document.

4. This updated resettlement plan includes: (i) Project description and scope of land acquisition; (ii) Legal policies; (iii) Entitlements and benefits; (iv) Grievance redress mechanism; (v) Income restoration measures; (vi) Resettlement arrangements (vii) Update Resettlement Plan Budget; (viii) Institutional arrangements; (ix) monitoring and evaluation. The updated RP is based on the results of the detailed measurement survey (DMS) and socioeconomic survey (SES) of affected households as well as replacement cost study (RCS), including consultations with the affected households, consistent with applicable laws of the Government of Vietnam and with the ADB 2009 Safeguard Policy Statement (SPS). Copies of the RP in Vietnamese will be placed in city, district and ward offices upon ADB approval. All RPs submitted to the ADB for review will be disclosed on the ADB resettlement website immediately upon ADB approval.

5. **Scope of Land Acquisition and Resettlement.** The installment of the pipeline system shall not cause permanent land acquisition but temporary impacts on about 8,741.4 m² (including 8,052 m² of annual cropland, 600m² of vacant land, and 89.4 m² of public land) in Phuc Triu, Phuc Xuan, Quyet Thang communes and Thinh Dan ward. The project will affect permanently the property and the trees of 416 affected households (1,664 affected persons) in Phuc Triu, Phuc Xuan, Quyet Thang communes and Thinh Dan ward. There is no severely affected households.

- This section is only temporary acquisition so no land recovery.
- The temporarily affected land area is about 8,741.4 m² including 89.4 m² of public land under the management of Phuc Triu, Phuc Xuan, Quyet Thang commune and Thinh Dan ward. The area will be affected/disrupted for a period of construction and will be restored to its original conditions.

- There are no underground works, such as power lines or telecommunications cables will be affected.

6. **Consultation.** During the updating of this Resettlement Plan, the Consultant has conducted the public consultation meetings at wards/communes in May and June 2018. Discussions with relevant departments (Division of Labor, Invalids and Social affairs, Center for Land fund development Women union, Ward/communal people's committees) were also held.

7. Through these meetings, information on project, designs, mitigation measures, compensation policies and restoration measures were disclosed to affected households. During these consultations with AHs, issues related to compensation, assistance and resettlement were also discussed, including the compensation unit prices for affected assets, project plans, and entitlements and explanations on the grievance redress mechanism.

Grievance Redress Mechanism (GRM):

8. A 4 levels process has been set up to address complaints and questions from affected households related to land acquisition, resettlement and compensation as quickly and satisfactorily as possible. The families have rights to make any claims to the land acquisition, resettlement, compensation policies, benefits, rates and payment of compensation, strategies and procedures for resettlement as well as other support programs. According to the GRM, the people's committees of the communes, wards and mass organizations are dealing with complaints at commune level while the district/province/city people's committees will be responsible for resolving complaints at the district and province/city levels. The courts will be the final level for the settlement of complaints of the affected households. The grievance redress mechanism has been disclosed to the affected people during public meetings and consultations.

Legal and Policy Framework

9. The legal and policy framework for compensation, resettlement, and rehabilitation under the Project is defined by the relevant laws and regulations of the Government of Viet Nam and the ADB's Safeguard Policy Statement (SPS, 2009) requirement 2: Involuntary Resettlement. In case of discrepancies between the Borrower's laws, regulations, and procedures and ADB's policies and requirements, ADB's policies and requirements will prevail, consistent with Decree No. 16/2016/ND-CP which provides that in case of "Where there are discrepancies between Vietnam's law and a signed international treaty on the same issue, the international treaty shall prevail." (Article 51, Item 1)

10. The rights and entitlements of the affected people (APs) are presented in the entitlement matrix in the Updated resettlement plan and consistent with affected people identified during the detailed measurement survey (DMS). This entitlement matrix will be applied for preparation of compensation plan to ensure the restoration or improvement of APs' income and livelihood that are affected by the subproject.

Institutional arrangements

11. The implementation of resettlement activities requires the involvement of agencies at the national, provincial, district and commune level. Provincial people's committee will take general responsible for the implementation of the general resettlement plan of the project. Resettlement committees shall be established at city's level according to the provisions of Decree 47/2014/ND-CP and Decree 43/2014/ND-CP. The provisions and policies of the RP

will form the legal basis for the implementation of compensation and resettlement activities in the project.

Implementation plan:

12. Thai Nguyen City Water Supply System Development Project is going to implement for 5 years, from 2017 to 2022. Therefore, site clearance work will be done with the progress that meets timelines to hand over for construction unit. Please note that the activities of land acquisition and resettlement will begin after the detailed technical design is approved. The minimum time for the site clearance is 12 months.

Implementation Schedule

Activities	Implementation time
Detailed Measurement Survey (based on detailed design)	May-June 2018
Update compensation prices	May-June 2018
Public consultation	May 2018
Approval of updated RP by ADB	Dec 2018
Disclose approved Updated RP to AHs and Uploading on ADB website	Dec 2018
Compensation of DPs (before Awarding of civil works contracts)	Dec 2018-Jan 2019
Handover of site to contractors, start of civil works	Feb 2019
Submit internal monitoring report	Semi-annual

13. Land acquisition and resettlement can only commence once the uRP has been cleared by ADB.

Disclosure

14. Key information in this uRP has been disclosed to the AHs through public meetings. The final uRP will be disclosed as per disclosure requirements laid out in the ADB's SPS.

Resettlement Budget

15. A total of estimated cost for site clearance is estimated of **VND 3,291,703,000** equivalent to **USD 149,623** (Exchange Rate: VND 22,000 = USD 1). This budget includes the cost of compensation/ property assistance affected by the project.

Monitoring and Reporting

16. The implementation of detail resettlement plan will be monitored and evaluated internally. The problems and issues which arise in the implementation process will be mentioned and resolved timely through the regular monitoring activities

17. Internal monitoring reports should be semi-annual monitoring reports and will be submitted by Thai Nguyen Water Supply Joint Stock Company (TWACO) to ADB for disclosure on ADB website.

I. DESCRIPTION OF THE PROJECT

1.1. General

18. With a fast increasing demand for clean water, until 2020 there will be a clean water shortage of about 120,000 m³ per day for Thai Nguyen city and its neighborhood. Thus, Thai Nguyen Water Supply Joint Stock Company reported this problem and was agreed by Thai Nguyen Provincial People's Committee to implement a big project: 'Development of water supply system for Thai Nguyen city until 2025 that include two phases aimed at upgrading the supply capacity with additional 100,000m³ of clean water per day (of the 2 phases, in phase I an additional 50,000m³ per day will be upgraded). Thai Nguyen Provincial People's Committee signed Decision No. 3050 QD-UBND dated 03/12/2008 on the adjustment of the detailed plan on the construction of the tourism area in the South of Nui Coc Lake in general and at Voi Phun Hill in particular in order to build a water supply plant with a capacity of 100,000m³ per day. The project presented in this uRP report will be for Phase I of the abovementioned big project.

19. The direct benefactors of this project are customers who use clean water for purposes of daily living, production and business activities. They include local residents, government officers, students, and production as well as business units that use clean water in Thai Nguyen city, in the South of Dai Tu and Phu Luong districts and in the tourism area in the North of Nui Coc Lake. In addition, this project will create jobs for local people through the process of recruiting workers for implementation and operation of the project. When the project is completed it will expand the clean water company's capacity in production and business and attract more technical engineers as well as enhance the company's market competitiveness. Furthermore, the project will contribute considerably to the province's socio - economic development

20. This updated resettlement plan is prepared for the pipeline component and there is another social safeguard document prepared for the WTP component based on the detailed design. This Resettlement Plan is updated during the detailed design phase of the project will present and provide instructions about activities relating to compensation and land acquisition during project implementation.

1.2. Description the project

1.2.1. The project's objectives

21. The main objectives of the project are to improve water supply service and to ensure a safe and sustainably developed water supply through improvement of water treatment capacity, and expansion of the water supply system. This helps contribute to improving living conditions and public health in Thai Nguyen City.

1.2.2. Project's components

22. The Thai Nguyen water supply system development project constructs new water plant with a capacity of 50.000 m³/day, The progress of project implementation is expected at 5 years, from 2017 to 2022. The project includes the following items:

Table 1: Project's Components

Items	Technical Solutions
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a) Raw water intake facility and water supply plant	<ul style="list-style-type: none"> - Construction of South Nui Coc Water Supply Plant with a capacity of 50,000 m³/day, including: - Water intake facility; raw water pumping station; raw water pipeline DN800 to provide 55,000m³/day. - Reaction tank; Settling tank; Filter tank; Reservoir - Sludge pond; - Clean water pumping station; - Administrative house and Laboratory; - Guardhouse; - Costs of leveling, constructing bulkheads, building roads and plant fence; - Transformer station and power system: install two 250 KVA transformers for the water treatment plant area and install one 560 KVA and one 250 KVA transformers for raw water pumping station - Plant fence; yard, internal roads; - Internal water supply pipeline system; - Drainage system.
b) New installation of pipelines system:	<ul style="list-style-type: none"> - Transmission pipeline DN 800: 8,149m. - Transmission pipeline DN 600: 4,201m - Transmission pipeline DN 400: 4,632m - Transmission pipeline DN 225: 1,739m - Distribution pipeline D225mm: 11,035m. - Distribution pipeline D160: 9,276m - Distribution pipeline D110: 10,602m - Service pipeline: 49,344km - Household connection: 5,713 HHs

1.3. Scope of the updated Resettlement Plan

23. The pipeline is 12 km long starting from Voi Phun hill, running along To Huu road to Dan crossroad. The pipeline diameter is D600-D800.

Figure 1: General layout of project components (purple line)

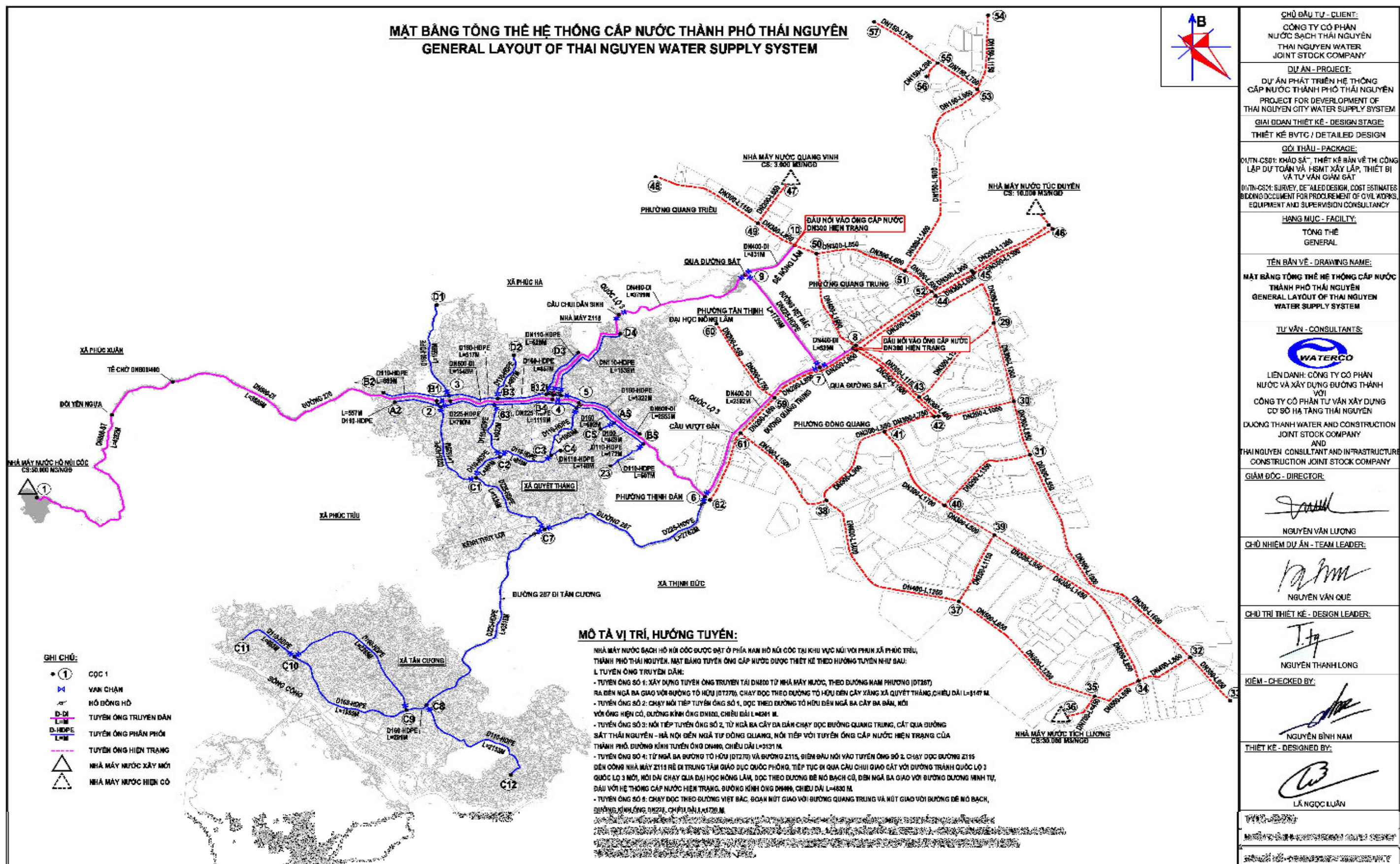


Table 2: Project's items and the scope of land acquisition

Project's works	Location	Description	Land acquisition impacts	
			Permanent	Temporary
Water transmission and distribution pipelines	- Phuc Triu commune - Phuc Xuan commune - Quyet Thang commune - Thinh Dan ward	Placed ahead through the corridor of existing road	Trees and secondary structures (fences, sewers)	Temporary impacts during the construction of water supply pipeline installation.

1.4. Objectives of the Updated Resettlement Plan

24. The objectives of the updated resettlement plan (uRP) is to ensure that the subproject will (i) avoid involuntary resettlement wherever possible; (ii) minimize involuntary resettlement by exploring subproject and design alternatives; (iii) enhance, or at least restore, the livelihoods of all displaced persons in real terms relative to pre-subproject levels; and (iv) improve the standards of living of the displaced poor and other vulnerable groups.

25. This uRP is the guiding document that identifies the key issues to address in reconciling the requirements of ADB's SPS 2009 on Involuntary Resettlement with national and provincial government policies on compensation, assistance and resettlement. Concerns for involuntary resettlement have been integrated in this document and will govern subproject design, implementation, and monitoring.

26. This uRP includes the following:

- (i) Policy and procedural guidelines for land acquisition, compensation, resettlement, and strategies that will help ensure full restoration of the AH's livelihood and standard of living;
- (ii) Identification of households and communities to be adversely affected by the subproject, where they are located, what compensation and related mitigation measures to be provided to them and how and when these measures will be carried out;
- (iii) A plan on how AHs will be involved in the various stages of the subproject, including resolution of grievances; and.
- (iv) An estimated budget and schedule for resettlement implementation

1.5. Measures Taken to Reduce Resettlement

27. The first principle in the ADB requirement is to avoid or minimize impacts of land acquisition and resettlement. Wherever involuntary resettlement is unavoidable, adequate compensation for affected households should be applied.

28. Following the principle for project implementation and in the Resettlement Framework (RF), resettlement and land acquisition should be minimized. The PMU with support from Consultants and related agencies and departments has made many efforts in minimizing land acquisition impact in the phase of basic design and project proposal report. Mitigation measures have been considered in the detailed design.

29. During the project implementation and updating RP, great efforts to minimize IR were carefully considered and applied following principle: involuntary resettlement and impact on land, structures, and other fixed assets should be minimized where possible by exploring all alternative options. The measures to minimize resettlement impacts was applied:

- During the process of updating RP as well, many public consultations have been organized by the PMU and the resettlement consultant firm in the project area to publicize (i) information on the project and (ii) expected impacts, as well as land acquisition and compensation and resettlement measures, etc. This will enable households to get information about and be aware of the location and benefits of the project as well as expected impacts. From there, it is possible to minimize impacts. In the consultations, many issues were raised and discussed: the project assistance and compensation policies, income restoration programs for severely affected households and vulnerable AHs in order to provide corrective measures.
- To minimize the impacts on households living on both sides of the road during the construction/rehabilitation phase, resettlement consultants consulted with the local authorities and the households living along the roads to propose appropriate mitigation measures to each locality. Accordingly, a number of mitigation measures during the construction process will be applied, e.g successive construction method by section, avoiding rush hours, placing steel planks on the excavated routes, etc.
- As agreed during the consultation, construction time will be publicly announced according to regulations to local authorities and affected households so that AHs can arrange suitable farming plans. E.g informing 90 days before acquisition of agricultural land and 180 days for residential land acquisition, so that people will not cultivate or construct structures on the land to be acquired.
- The resettlement consultant firm has also organized the meetings with the design consulting units of the project to discuss location of the local works, public works and the selection of design solutions in order to avoid/minimize negative impacts on local people, etc. At the same time, develop criteria together to minimize impacts during the construction process such as the establishment of occupational safety plans (in case construction is close to residential areas), the arrangement of suitable materials and tools (signboards, partitions with residential areas, etc.), time, and construction schedule and so on. To minimize temporary impacts during the construction process as well as when the project puts into operation.

1.6. Change made in the updated Resettlement Plan

30. The updated Resettlement Plan is to (i) summarize the actual impact of work items of the project based on the approved detailed engineering design, (ii) give mitigation measures and policies for compensation, assistance, and resettlement, actual resettlement cost based on applicable policies. The updated resettlement plan will make some changes in the original Resettlement Plan, including:

- i. Impact scope of the project is calculated based on the detailed design.
- ii. Procedures and results of public consultations with affected people during the updating resettlement plan;
- iii. Entitlements of AHs to categories of impacts in accordance with the result of DMS and applicable regulations (Land Law 2013 and related Decrees), but no downgrade of APs' entitlements were made in this uRP; and

- iv. The budget of compensation for all categories of impacts and relevant allowances according to replacement cost survey.

1.7. Land Acquisition and Resettlement – Related Conditions

31. According to the agreements between the donor (ADB) and the Government of Vietnam about the resettlement, compensation and assistance, the following conditions shall comply:

- i. All land acquisition and resettlement activities under the Project shall be conducted in accordance with this updated RP;
- ii. In case of discrepancies between the relevant laws and regulation of Viet Nam and ADB's Safeguard Policy Statement (2009), then ADB SPS shall prevail;
- iii. PMU shall work with Thai Nguyen CPC and the project wards to (a) disclose the uRP to the APs and implement the approved RP to the satisfaction of ADB, including provision of adequate counterpart funding to cover the actual cost; (b) ensure that all APs are compensated, resettled, and rehabilitated in accordance with the requirements of the approved RP prior to any physical or economic displacement; and, (c) conduct internal monitoring; and,
- iv. Civil works contract will not be awarded until the updated RP is approved by ADB.

II. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

2.1. Method of Information Collection

32. To get the data needed for the updated resettlement plan, an investigation and detailed measure survey (DMS) was conducted in May and June 2018 with 416 AHs at Phuc Triu, Phuc Xuan, Quyet Thang communes and Thinh Dan ward. PMU has contracted with the Land Fund Development Center (LFDC) of Thai Nguyen Province to carry out DMS. A preliminary list of affected lands and their owners has been prepared from the cadastral map of each land before the DMS. Data for the DMS process was collected from all affected land area and assets (trees and crops) in terms of household's use.

2.2. Cut-off date

33. The cut-off-date of project is 04 June 2018 when the DMS is completed. The cut-off date has been informed to the affected households as well as local authorities.

2.3. Scope of Land Acquisition and Resettlement

2.3.1. Affected Households

34. Surveyed results show that, project implementation will affect 416 households by temporary land acquisition (vacant land, public land, annual crop land) to install the pipeline, equivalent to 1,664 persons. There is no household who needs to relocate.

Table 3. Scope of Temporary Land Acquisition Impacts

N o.	Districts/ Communes	Number of AHs and Area of Affected Land by Use (m ²)							
		Annual cropland		Vacant land		Public land		Total	
		HH & org.	Area (m ²)	HH & org.	Area (m ²)	Org.	Area (m ²)	HH	Area (m ²)
1	Phuc Triu Commune	38	836	15	180	1	10.2	53	1,026.2
2	Phuc Xuan Commune	147	3,234	25	300	1	27.4	172	3,561.4
3	Quyet Thang Commune	126	2,772	8	96	1	35	134	2,903
4	Thinh Dan Ward	55	1,210	2	24	1	16.8	57	1,250.8
	Total	366	8,052	50	600	4	89.4	416	8,741.4

35. Number of affected households are summarized in details in the Table below.

Table 4: Summary of impacts magnitude of the Subproject

Contents	Unit	Qty	Number of APs
1. Number of affected households	HHs	416	1,664
Household members	Person	1,664	
2. Number of households are affected with structures	HHs	369	1,476
3. Number of households are affected with trees and crops	HHs	231	924

2.3.2. Impacts on Land

36. This section is only temporary acquisition so no permanent land recovery.
37. The temporarily affected land area is about 8,741.4 m² (including 8,052 m² of annual cropland, 600m² of vacant land, and 89.4 m² of public land) in Phuc Triu, Phuc Xuan, Quyet Thang communes and Thinh Dan ward. The area will be affected/disrupted for a period of construction (about 1 month) and will be restored to its original conditions.
38. There are no underground works, such as power lines or telecommunications cables will be affected.

2.3.3. Impacts on Crops and Trees

39. Also as a result of DMS and consultation, property on land affected by the pipeline installation includes crops and trees. A total of 8,822 trees of 231 households will be affected by the pipeline installation. Trees affected here mainly the tea, rice, and fruits like litchi, longan, pomelo and ornamentals. Details of the affected trees are included in the appendix 2.

2.3.4. Impacts on Auxiliary Structures

40. The project shall not cause impacts on main structures such as houses and shops but auxiliary structures as presented below. The impacts include fences, ground, gate, well, rock embankments with an aggregate area of 2,156 m² of 369 AHs. Details are in the spreadsheet attached in the Appendix 2 to the report. All of the structures will be totally removed.

Table 5: Impacts on Trees and Structures

No.	Component	Unit	Quantity
1	Phuc Xuan commune		
a	Trees	tree	3,390
b	Ground, Concrete road	m ²	610
c	Gate, fence	m ²	59
2	Phuc Triu commune		
a	Trees	tree	3,286
b	Ground, Concrete road	m ²	61
c	Gate, fence	m ²	212
3	Thinh Dan ward		
a	Trees	tree	612
b	Ground, Concrete road	m ²	305
c	Gate, fence	m ²	125
4	Quyet Thang commune		
a	Trees	tree	1,534
b	Ground, Concrete road	m ²	717
c	Gate, fence	m ²	67

2.3.5. Relocation

41. There is no household that will have to relocate.
42. This component will cause temporary impacts on public land to install the pipeline, thus does not cause permanent acquisition of land of the households but impacts on their trees and secondary structures along the pipeline system.
43. No households are severely affected¹ in this component.

¹ This refers to AHs who will (i) lose 10% or more of their total productive assets, (ii) have to relocate, and/or (iii) lose 10% or more of their total income sources due to the project

2.3.6. Mitigation of temporary impacts/ emerging impacts during construction

44. It is estimated that 168 households are engaged in small businesses on both sides of the road, mainly selling groceries, restaurants, construction materials, etc., with an average income ranging from VND 3,000,000 to VND 8,000,000 per month. Nevertheless, mitigation measures shall be applied during the construction activities such as avoiding peak hours, limiting the construction at night, carrying out consecutive construction by section; the construction activities will facilitate the traveling and businesses of the households by installing the steel planks across the excavated area so that the affected households shall not be affected on their business activities. However, if during the construction phase, construction activity causes impacts on the households in terms of land and non-land assets, livelihoods and economic losses to the households, the compensation and support policies will be applied according to the approved resettlement plan and resettlement framework of the project. A budget of approximately VND 373,009,701 has been set aside to compensate the affected households.

III. SOCIO-ECONOMIC SURVEY

3.1. Objectives of socio-economic survey

45. The socio-economic survey (SES) and DMS of project affected households were implemented from March to April 2018. The socio-economic data provided information on social condition of AP, includes:

- Demography, income analysis as well as other information relating to affected householders.
- Living condition of affected households
- Income source of households.
- Infrastructure and environmental sanitation
- Poverty situation

3.2. Survey Approaches and Methodologies

46. The methodologies applied in the process of preparing the updated RP include:

Desk review

47. The Consultant collected, reviewed, studied and analyzed/assessed the documents relating to compensation, assistance and resettlement of the Project. Those documents were collected at PMU, the PCs of project wards, including: (i) Project documents (Statement and Design Drawings of project work items; Resettlement Policy Framework, etc.); (ii) Cadastral maps, copies of maps and Socio-economic reports provided by commune/ward PCs; (iii) relevant policies of the ADB, the Government of Vietnam and Thai Nguyen PPC with aim to (1) find out procedures, regulations proposed and approved from the project documents, (2) find out technical methods proposed for each Project component; (3) review socio – economic reports of localities, (4) propose mitigation measures and guidelines for follow-up actions.

Qualitative research method

48. Consultation and discussion with various stakeholders, including: affected households (such as vulnerable households), the implementation agencies, social organizations, representatives of leaders of local authorities through consultation meetings, in-depth interviews and group discussions. The minutes of working is attached to this report in **Annex 02**.

49. Field survey to the project area to determine the potential impacts on local residents during the project implementation.

Quantitative research method

50. During the period from March to April 2018, socio-economic survey and survey for affected land/assets in Phuc Triu, Phuc Xuan, Quyet Thang commune and Thinh Dan ward, Thai Nguyen city. SES in this uRP is only applicable to affected households by the pipelines component.

51. Socio-Economic Survey (SES) by interview is carried out with 100% affected households whose have the land acquisition. The DMS is carried out with 100% affected households. The following section present summarized results.

3.3. Socio-Economic Information on Affected Households

3.3.1. Demographics

52. Social survey has done for all affected household of the project. Total of affected household is 416, equivalent of 1,664 persons, in which there are 982 men, accounting for 59%, 682 women, accounting for 41%. No household is an ethnic minority household. All of them are Kinh people. Out of 416 surveyed HHHs, there is no severely affected household, 25 HHHs belong to vulnerable group.

Table 6: Information about vulnerable households in the project area

Commune/ward	Vulnerable households				Total
	Poor households	Social Policy households	Elderly HH who are landless and with no other means of support	Women-headed HH with dependents	
Phuc Triu	1	3	-	1	5
Phuc Xuan	3	3	-	2	8
Quyet Thang	2	4	-	2	8
Thinh Dan	1	2	-	1	4
Total	7	12	0	6	25

53. The scale of households in the project area is 4 persons/ household. Among 416 affected households there is not any minority ethnic household.

54. The number of 1-6-year-old people is 300 persons, percentage 18%. The number of people who are out of the working age is 366 persons, percentage 22%. The number of people who are in the working age is 998 persons, percentage 60%

Table 7: Characteristics of affected households' members

	Household	Person		Vulnerable HHs	People in working-age
		Male	Female		
Quantity	8	982	682	25	
Ratio%	100%	59	41	6	60

55. Among 416 affected households, there are 7 poor households² and 12 Social Policy households³.

² Decision No. 59/2015 / QĐ-TTg dated November 19, 2015 on the promulgation of multi-use access standards for the 2016-2020 period

1. Poor household

a/ In rural areas: is the one that satisfies either of the two following norms:

- Having a monthly per capita income of VND 700,000 or lower;
- Having a monthly per capita income of between over VND 700,000 and VND 1.000. 000 and deprived of at least 3 indicators measuring deprivation of access to basic social services.

b/ In urban areas: is the one that satisfies either of the two following norms:

- Having a monthly per capita income of VND 900,000 or lower;
- Having a monthly per capita income of between over VND 900,000 and VND 1.300.000 and deprived of at least 3 indicators measuring deprivation of access to basic social services.

³ Policy beneficiaries include:

3.3.2. Education of household heads

56. The survey data on 416 directly affected households in the project area showed that most of household heads have relatively high education level: 39.8% graduated from high school; 38.8% graduated from secondary school and 6.6% graduated from college/university and higher educational level. The percentage of illiteracy/not attending school is 2.8%.

3.3.3. Occupation of household heads

57. According to the survey results, out of 416 surveyed affected households, 149 household heads (35.8%) work as farmers (farming and livestock-raising); 22 household heads (5.3%) are public servants. In addition, there are some household heads developing other jobs including employees, workers (accounting for 28.9%) and etc. 125 household heads are doing business (accounting for 30%). Occupations of affected households in the project area are shown in the Table below.

Table 8: Occupation of household head

No.	Households	Quantity	Ratio (%)
1	Farmers	149	35.8
2	Public servants	22	5.3
3	Employees, workers..	120	28.9
4	Business	125	30
Total		416	100,0

3.3.4. Income of household

58. The living standard of 409 affected households is above the national poverty threshold, there are 7 poor households. Affected households' income survey results

-
- Children under the age of 16 do not have a source of funding for one of the following cases: Abandonment has not yet been adopted; Orphaned father and mother; Orphans of the father or mother and the missing person as prescribed by law;
 - Persons aged between 16 and 22 years of age in one of the above cases who are studying in general education, vocational training, vocational secondary schools, colleges or first degree universities.
 - HIV infected children are poor; HIV infected people are unable to work without monthly pension, monthly social insurance allowance, monthly allowance, monthly allowance
 - Persons belonging to poor households without husband or wife; whose husband or wife has died; Having lost husband or wife as prescribed by law and raising children under age 16 or raising children between the ages of 16 and 22 but such children are studying in general education, vocational training, vocational secondary schools, colleges and universities. First degree education (poor single children raising children).
 - Elderly people belong to one of the following cases: Elderly people living in poor households have no obligatory persons and have the right to support or have a person having duties and rights to support but this person is receiving monthly social allowances; Persons aged 80 and above who do not belong to the above category without pension, monthly social insurance allowance, monthly social allowance; Elderly people living in poor households have no obligations and rights to support, have no living conditions in the community and are eligible for admission to social charity or social houses but there are recipients in the community. copper.
 - Disabled children with disabilities are eligible for social assistance in accordance with the law on persons with disabilities.

showed that lowest income is 4,000,000VND/month equivalent to 1,300,000VND/person. Highest income is 10,000,000VND/household equivalent 2,500,000 VND/person.

59. The daily expenditure of households accounts for rate 75% to 90% of total household income. The rest of households' income is invested in reproduction. So saving money and build wealth of households are not significant, but according to results of in-depth interviews households, these households have a stable life

3.3.5. Possession of assets

60. The survey results show that most of households have modern utensils and facilities such as air conditioner, washing machine. Most of the people have transportation, the ratio of household who have motorcycles is 100% however they are just the kind of motorcycle which are the average value. 100% of households have televisions, mobile phones, DVDs. Most households have already equipped utensils and facilities of living in the average.

3.3.6. Infrastructures

61. Although general economic condition of whole society gets into difficulty, the road condition and infrastructure are well- invested.

62. The households in project areas are using excavated wells for their activities. Survey results show that all of these households lack of water for eating and drinking, washing clothes especially in dry season. In general, environmental sanitation condition is good, households use 2-compartment toilets and they themselves bury garbage in their garden. All households use electricity supplied by EVN Thai Nguyen.

3.3.7. Gender Issues

63. Development projects may impact variously on men and women. But women are usually more affected in case of facing difficulties due to the impact of the project, especially female - headed households with dependents or families facing serious disadvantage. They are a vulnerable group, so the project also has propose appropriate measures to support.

64. According to a social survey of AHs, there are 416 AHs, in which 06 households headed by women.

65. Gender Action Plan (GAP) has been updated for this project. The action plan includes activities and strategies to meet requirements about gender and fit the culture.

66. The following strategies have been implemented in any updating of the RP:

- (i) In the RP updating, the women belong project's affected households, especially the households with female household header, has been consulted in the survey for detail assessment;
- (ii) Socio – economic information of affected people and detail assessment survey are analyzed according to gender and ethnicity;
- (iii) The participation of women, especially female-headed household , is ensured in disclosure meetings; information will be provided in local language as well as in information document;
- (iv) The participation of Women's Union representation is ensured in disclosure meetings and resettlement plan;

- (v) In case the project relates to the grant new land or replacement land for acquired land, the red book will have names of both husband and wife;
- (vi) The staffs of PMU/ Compensation, Support and Resettlement Unit will be provided orientation on the toolkit and the list of items to check of ADB about gender and resettlement, gender and urban water provide projects to ensure gender strategy implementation in resettlement activities;
- (vii) The monitoring indicators about impact to gender are developed to monitor resettlement activities, in term of the participation of women in the consultant about detail survey management, in disclosure meeting, land right, compensation, and to measure the impact of resettlement for poor women.

IV. INFORMATION, CONSULTATION AND PUBLIC DISCLOSURE

3.1. Information dissemination

❖ Information dissemination and consultation during RP preparation

67. During RP preparation at the PPTA stage, many consultations have been organized with different stakeholders, including local authorities, social organizations, EAs/IAs and affected people. Results of the consultations have been summarized and reflected in the original RP prepared in 2013.

❖ Information dissemination and consultation during RP updating

68. During the update of the resettlement plan, local authorities, communities and affected families were completely consulted, focusing on information and impacts of the project. All policies regarding land acquisition, compensation, support and resettlement of the project had been disclosed to all affected households.

69. Prior to the submission of the Updated resettlement plan to the ADB, its main content has been summarized and disseminated and discussed in the public consultation meetings with APs (information on the project, bases for compensation, grievance mechanism, DMS implementation process, time of compensation...).

3.2. Public consultation

70. Information dissemination and consultation with affected persons and involved agencies will reduce the potential for conflicts and minimize the risk of Project delays. Furthermore, this approach will enable the Project to design the resettlement and rehabilitation program so that it meets the needs and priorities of the affected people, and in this way, potentially maximizing the economic and social benefits of the investment. The objectives of the public information campaign and the consultation program are as follows:

- To fully share information with the AHs about the proposed project components and activities;
- To obtain information about the needs and priorities of the AHs, as well as information about their reactions to proposed policies and activities;
- To ensure that AHs are enabled to make fully informed decisions that will directly affect their incomes and quality of life, and that they will have the opportunity to participate in activities and decision-making about issues that will have a direct effect upon them;
- To obtain the maximum level of co-operation and participation of the AHs and communities in activities necessary for resettlement planning and implementation;
- To ensure transparency in all activities related to land acquisition, compensation, resettlement and rehabilitation.

71. During the detailed design phase of the project, PMU and consultant team have cooperated with the leaders of Phuc Triu, Phuc Xuan, Quyet Thang commune and Thinh Dan ward to conduct the public consultation. All AHs were invited to attend.

72. Details about the number of participants is presented in the following table.

Table 9: Program of Community consultation in Phuc Triu commune

Date	Location	Participants	Issues Discussed	Project's comments
10/5/2018	The cultural house of Doi Che village - Phuc Triu commune	<ul style="list-style-type: none"> Representatives of local authorities; Representatives of local unions/ associations: Farmers Association, Women Association, Fatherland Front, Youth Union... Head of hamlet All of households affected by the Project Representatives of PMU; Resettlement consultants. There were a total of 15 participants. There are 5 women, 10 men. 	<p>1. Introduction to the Project</p> <ul style="list-style-type: none"> - Introduction to the Project (objectives, location, scale, plans ...); - Technical proposals of the Project; Items/works to be constructed in wards/communes; - Policies relating to the environment and resettlement issued by the Government of Vietnam and ADB. <p>2. Community consultations about resettlement</p> <ul style="list-style-type: none"> - People ask about the compensation policy and the progress of the project. - People want the project to be implemented as quickly as possible, avoiding project delays. 	<p>1. Introduction to the Project</p> <ul style="list-style-type: none"> - Introduction to the Project (objectives, location, scale, plans ...); - Technical proposals of the Project; Items/works to be constructed in wards/communes; - Policies relating to the environment and resettlement issued by the Government of Vietnam and ADB. <p>2. Community consultations about resettlement</p> <ul style="list-style-type: none"> - People ask about the compensation policy and the progress of the project. - People want the project to be implemented as quickly as possible, avoiding project delays.
17/5/2018	Phuc Xuan CPC	<ul style="list-style-type: none"> Representatives of local authorities; Representatives of local unions/ associations: Farmers Association, Women Association, Fatherland Front, Youth Union... Head of hamlet All of households affected by the Project Representatives of PMU; Resettlement consultants. There were a total of 62 participants. There are 20 women, 42 men. 		

24/5/2018	Thinh Dan CPC	<ul style="list-style-type: none"> • Representatives of local authorities; • Representatives of local unions/ associations: Farmers Association, Women Association, Fatherland Front, Youth Union... • Head of hamlet • All of households affected by the Project • Representatives of PMU; • Resettlement consultants. • There were a total of 10 participants. There are 5 women, 5 men. 		
26/5/2018	Quyet Thang CPC	<ul style="list-style-type: none"> • Representatives of local authorities; • Representatives of local unions/ associations: Farmers Association, Women Association, Fatherland Front, Youth Union... • Head of hamlet • All of households affected by the Project • Representatives of PMU; • Resettlement consultants. • There were a total of 105 participants. There are 45 women, 60 men. 		

73. After the DMS is completed and the results are reported to the affected households in June 2018. The AHs have participated during the DMS and DMS forms were signed by the AH heads or authorized representatives of the households.

74. PIBs have been updated and distributed to the AHs and the community / government during the meeting as well as on the speakers of the village. Please refer to the attached **appendix I** to this uRP

3.3. Information Disclosure

75. After approved by ADB, this RP will be disclosed on the ADB website and the Vietnamese version of the updated RP will be given to all AHs. The copies of updated RP will be publicly posted at the CPC.

76. The project information has been introduced and explained to all AHs in the public consultation and the radio system of commune will widely introduce the information to AHs who did not attend the consultation.

V. GRIEVANCE REDRESS MECHANISM

77. Agencies in charge of implementing the procedure of complaint settlement/grievance redress during compensation and land acquisition process includes the PC of Thai Nguyen, relevant departments, compensation and land acquisition committees at all levels, PCs in project affected wards. Depending on functions and tasks of each level, affected persons' complaint handling mechanism will be regulated in accordance with legal documents promulgated.

78. Detailed procedures on complaint handling have been established for the project in order to ensure the opportunities of the affected persons to present their complaints on compensation and resettlement. The objective is to quickly settle complaints of the AHs in compliance with procedures. This mechanism will be designed in simple, understandable, quick and fair way. Handling of complaints at each project level will certainly help to push project implementation progress. Affected persons who do not agree with decisions on compensation, assistance and resettlement are entitled to raise complaints based on legal regulations.

79. The process and responsibilities of resolving grievance and redress will be in compliance with Article No.204 of Land Law 2013 and Article No 17 of Decree No.43/2014/NĐ-CP dated May 15, 2014 and regulations on dealing with grievance and redress at Decree No 75/2012/NĐ-CP dated October 3, 2012. However, while awaiting complaint settlement, persons whose land is acquired have to follow decisions on land acquisition and hand over land on schedule and plan decided by competent state agencies. PMU will conduct period monitoring to ensure process of receive and resolve APs' complaints compliance with GOV's regulation and project resettlement framework. Result of monitoring will be report to PPC, ADB and relevant agencies for supervising and finding redress solutions if necessary.

80. A well-defined grievance redress and resolution mechanism has been established to address AH's grievances, complaints, and requests regarding land acquisition, compensation and resettlement in a timely and satisfactory manner. The grievance redress mechanism and appeal procedures are explained in the project information booklet that was distributed to all AHs. In this stage, all AHs have been informed again of their rights, and the detailed procedures for filing grievances and an appeal process were publicized through an effective public information campaign.

81. AHs (men and women) can lodge complaints regarding any aspect of the land acquisition and resettlement requirements such as, entitlements, rates and payment and procedures for resettlement and income restoration programs.

82. Procedure for redress of grievances, in Thai Nguyen Province, is implemented according to Decree 43/2014/ND-CP and according to the Law on Complaints No. 02/2011/QH13 dated November 11, 2011 and Law on Denunciation No. 03/2011/QH13 dated November 11, 2011.

83. In Thai Nguyen City, the process is as follow:

- **Stage 1:** Commune People's Committee. An aggrieved affected household may bring his/her complaint to any member of the Commune People's Committee, either through the Village Chief or directly to the CPC, in writing or verbally. It is incumbent upon said member of CPC or the village chief to notify the CPC about the complaint. The CPC will meet personally with the aggrieved affected household and will have 30 days (or 45 days for complicated case) following the lodging of the complaint to resolve it (in remote and mountainous areas or complicated case, the complaint should be resolved within 45 or

- 60 days, respectively). The CPC secretariat is responsible for documenting and keeping file of all complaints that it handles. Upon issuance of the decision of the CPC, the affected household can make an appeal within 30 days (45 days for mountainous area). If the second decision has been issued and the household is still not satisfied with the decision, the affected household can elevate his/her complaint to the DPC.
- **Stage 2:** City People's Committee. Upon receipt of the complaint from the household, the DPC will have 45 days (or 60 days for complicated case) and 60 days for remote and mountainous areas (or 70 days for complicated case) following the lodging of the complaint to resolve the case. The DPC is responsible for documenting and keeping file of all complaints that it handles. Upon issuance of the decision of the DPC, the affected household can make an appeal within 30 days. If the second decision has been issued and the affected household is still not satisfied with the decision, the affected household can elevate his/her complaint to the PPC.
 - **Stage 3:** Provincial People's Committee. Upon receipt of the complaint from the affected household, the PPC will have 45 days (or 60 days for complicated case) and 60 days for remote and mountainous areas (or 70 days for complicated case) following the lodging of the complaint to resolve the case. The PPC is responsible for documenting and keeping file of all complaints. Upon issuance of the decision of the PPC, the affected household can make an appeal within 30 days if they disagree. If the second decision has been issued and the affected household is still not satisfied with the decision, the affected household can elevate his/her complaint to the court within 45 days.
 - **Stage 4:** The Court of Law Arbitrates. Should the complainant file his/her case to the court and the court rules in favour of the complainant, then the Project will have to increase the compensation at a level to be decided by the court. In case the court will rule in favour of PPC, then the complainant will receive compensation approved by PPC.

84. However, the project grievance procedure does not impede access to court at any time.

85. If efforts to resolve disputes using the grievance procedures mentioned above remain unresolved or unsatisfactory, complainants have the right to directly discuss their concerns or problems with ADB Vietnam Resident Mission (VRM - 3rd Floor, No.16, Phan Chu Trinh Street, Hoan Kiem District, Hanoi, Tel: 024.933.1374). If APs are still not satisfied with the responses of the VRM, they can directly contact the ADB Office of the Special Project Facilitator⁴. The Office of the Special Project Facilitator procedure can proceed based on the Accountability Mechanism in parallel with the project implementation.

The cost of court fees

86. APs who present their complaints to the WPC, DPC or PPC will be exempt from all administrative fees incurred. In addition, APs who lodge complaints and appeals to district courts will be provided with free legal representation.

⁴ Complainants can send their concerns to the Office of the Special Project Facilitator using the information at: <https://www.adb.org/site/accountability-mechanism/main>

VI. POLICY AND LEGAL FRAMEWORK FOR RESETTLEMENT

87. The legal and policy framework for compensation, resettlement and rehabilitation under the SCDP is defined by the relevant laws and regulations of the Government of Viet Nam and the ADB's Safeguard Policy Statement (SPS, 2009) requirement 2: Involuntary Resettlement. In case of discrepancies between the Borrower's laws, regulations, and procedures and ADB's policies and requirements, ADB's policies and requirements will prevail, consistent with Decree No. 16/2016/ND-CP which provides that in case of "Where there are discrepancies between Vietnam's law and a signed international treaty on the same issue, the international treaty shall prevail." (Article 51, Item 1).

5.1. Relevant Vietnamese Legislation

88. The principal legal documents applied for this RP include the followings:

89. **The Constitution of the Socialist Republic of Viet Nam (2013, effective from 01 January 2014)** confirms the right of citizens to own and protects the ownership of house and production materials of citizens; compensation by market rate is made for impacts by the projects implemented for the purposes of national defense, security or public benefits (Article 32). Similarly, organizations and individuals have land use rights certificates and law protects these rights. In the case of land recovery for the purposes of national defense, security and socioeconomic development, compensation shall follow the provisions of law (Article 54).

90. In addition, the Government has enacted a number of laws, decrees and regulations that constitute the legal framework for land acquisition, compensation and resettlement. The principal resettlement documents include **the Land Law No. 45/2013/QH13** dated 29/11/2013; **the Decree No. 43/2014/NĐ-CP** dated 15/5/2014 of the Government on Detailed Regulations on Implementation of the Land Law 2013; **the Decree No. 47/2014/ NĐ-CP** on Compensation, Assistance, and Resettlement when the State Recovers Lands; the **Decree No. 44/2014/NĐ-CP** on Land Prices; **the Circular No. 37/2014/BTNMT** on Detailed Guidance on Compensation and Assistance when the State Recovers Land; and **Circular No. 36/2014/TT-BTNMT** on specifying detailed methods of valuation of land prices, construction, adjustment of land prices; specific land price valuation and land price valuation consulting services. These are the key legal documents that are applied to land recovery and resettlement.

91. **The Land Law 2013** provides a comprehensive framework for land acquisition and resettlement. The main points of the Law are summarized below:

- The organization in charge of compensation and site clearance has to prepare a plan for compensation, support and resettlement. The approved plan for resettlement must be posted at Commune/Ward People's Committee (CPC/WPC) offices and at common public places where land is recovered (Article. 69).
- Under Article 69, agencies in charge of resettlement implementation are obliged to conduct consultations on compensation plans through meetings with affected HHs; compensation plans have to be posted at ward/commune PC offices; the consultation results must be recorded in minutes which are certified by local authorities and affected HHs. Opinions from Affected Households (AF) have to be compiled; consultation has to be conducted with HHs who have objections on the plan for compensation, support and resettlement and for improving the plan.
- The Law identifies principles and methods of land valuation based on the market rate (Article 114.3).

- Resettlement sites must be developed and fully completed before relocation of PAPs. Land recovery can only be conducted after the construction of houses and infrastructure in the resettlement site is completed. (Article 85).
- Support for training, career change and facilitating of job searching have to be provided for HHs losing agriculture land (Article 84).
- Structures and other non-land assets are not compensated for the following cases: i) where they are illegally established; ii) where they are located on land not used in accordance with the land purpose; and iii) where they have been built after the cut-off date (Article 92).
- For agricultural land, which was used before 01st July, 2004 for HHs without Land Use Right Certificate (LURC) or HHs that are not eligible for LURC, compensation is provided for land currently used for cultivation, without exceeding the land allocation standards (Article 77.2).
- Monitoring and evaluation is required on a more general basis and is not specific to resettlement; it includes all aspects of the implementation of the Land Law (Article 200);

92. **Decree No. 47/2014/ND-CP of the Government of Vietnam** on compensation, support and resettlement upon land recovery by the State is the main implementing Decree. The main content is summarized below:

- For HHs directly engaged in agricultural production ineligible for compensation under the Land Law, the CITY PC shall consider support for them (Art. 24);
- Support for stabilization of livelihood is based on the severity of impacts to agriculture land (Article 19);
- Support for resettlement in case of recovery of residential land. HH receiving an amount of compensation for land lower than the value of the minimum resettlement lot are entitled to support for the difference between the minimum resettlement lot value and the amount of compensation for the land. In addition to compensation for land, relocated HH are entitled to a resettlement support amount (Article 22.);
- Resettlement sites shall be established for one or more than one project. Houses and residential land in resettlement sites shall be arranged in different grades and areas suitable to different levels of compensation and payment capacity of resettled persons (Article 26 3);
- Consultation plans on compensation, support and resettlement shall be posted up to solicit opinions of PAPs for at least 20 days from the starting date of posting (Article 28);
- For projects requiring relocation of the whole community, affecting the livelihood, socioeconomic situation and cultural tradition of the community, investors have to elaborate a policy framework on compensation, support and resettlement. (Article 17.1).

93. **Decree No. 44/2014/ND-CP of the Government of Vietnam** identifies the mechanism for compensation at market rates. Compensation rates for land must be based on investigation, information on land plots, market rates and a suitable valuation method; Decree 44 identifies several methods for land valuation.

94. **Circular No.36/2014/TT-BTNMT** on land pricing method compilation of and adjustment to land price lists, determination of specific land prices and consultancy on land pricing.

95. **Circular No. 37/2014/BTNMT of the Ministry of Natural Resources and Environment** identifies the required content of plans on compensation, support and resettlement. These plans must contain the following: i) area of each category of land to be recovered; ii) estimated number of AH; iii) estimated amounts of compensation and settlement support; iv) expected resettlement sites; v) budget and funding sources; vi) Time-bound implementation schedule (Art. 10).

96. The other regulations that may apply for the Project are the following:

- Circular No. 76/2014/TT-BTC dated 16 June 2014 of Ministry of Finance providing a manual for carry out Decree No. 45/2014/ND-CP providing the collection of land use levy.
- Decision No. 1956/2009/QĐ-TTg, dated November 17, 2009, by the Prime Minister approving the Master Plan on vocational training for rural labors by 2020.
- Decision No. 52/2012/QĐ-TTg, dated November 16, 2012, of the Prime Minister on the support policies on employment and vocational training to farmers whose agricultural land has been recovered by the State.
- Decision No. 63/2015/QĐ-TTg dated 10/12/2015 by the Prime Minister on policies to support vocational training and employment solving for workers whose land is acquired in replacement.
- Decree No. 61/2015/ND-CP dated 9/7/2015 by the Government on policies to support vocational training and National Employment Fund.
- Decision No 96/2006/QĐ-TTg dated 4/5/2006 by the Prime Minister on the management and implementation of demining and explosives
- **Thai Nguyen province**
 - + Decision No. 31/2014/QĐ-UBND dated 22/8/2014 of Thai Nguyen provincial people's committee on issuing regulations of compensation, supporting and resettlement when the State acquires land in Thai Nguyen province.
 - + Decision No. 20/2016/QĐ-UBND dated 06/07/2016 of Thai Nguyen provincial people's committee on the amendment and supplementation of some articles of the regulations on compensation, support and resettlement when the State Land acquisition in Thai Nguyen province, issued in conjunction with Decision No. 31/2014 / QĐ-UBND dated 22/8/2014 by the Provincial People's Committee
 - + Decision No. 39/2017/QĐ-UBND dated 20/12/2017 of Thai Nguyen provincial people's committee on issuing the unit price for compensation of trees and maritime products when the State acquires land in Thai Nguyen province.
 - + Decision No. 08/2018/QĐ-UBND dated 19/04/2018 of Thai Nguyen provincial people's committee on issuing unit price for compensation of houses and architectural work on land when these lands are acquired in Thai Nguyen province.
 - + Resolution No. 60/2014/NQ-HĐND dated 12/12/2014 of Thai Nguyen provincial people's committee approval of land price in the period of 2015 - 2019 in Thai Nguyen.
 - + Decision No. 57/2014/NQ-HĐND dated 22/12/2014 of Thai Nguyen provincial people's committee approval of land price in the period of 2015 - 2019 in Thai Nguyen
 - + Decision No. 41/2017/QĐ-UBND dated 20/12/2017 of Thai Nguyen provincial people's committee on amending and supplementing land prices in 2018 in Thai Nguyen

province.

5.2. ADB Safeguard Policy and Requirements

97. The ADB Safeguard Policy Statement consolidates three existing safeguard policies: involuntary resettlement (IR), indigenous peoples (IP), and environment. The objectives of the IR policy are to (i) avoid involuntary resettlement, (ii) explore alternatives to avoid, (iii) restore livelihoods and (iv) improve living standards of poor and vulnerable households. The IP policy objectives are to (i) design and implement projects that fosters full respect for IP's identity, dignity, human rights, livelihoods systems, and cultural systems, and cultural uniqueness as defined by IP themselves and (ii) ensure that IPs receive culturally appropriate social and economic benefits, do not suffer adverse impacts as a result of projects, and can participate actively in projects that affect them. The policy on environment is discussed in a separate environment report.

98. The ADB Policy on Gender and Development (1998) adopts gender mainstreaming as a key strategy for promoting gender equity, and for ensuring that women participate in and that their needs are explicitly addressed in the decision-making process for development activities. The new safeguard policy and requirements also reiterates the importance of including gender issues in the preparation of safeguards documents at all stages to ensure that gender concerns are incorporated, including gender-specific consultation and information disclosure. This includes special attention to guarantee women's assets, property, and land-use rights and restoration/improvement of their living standards; and to ensure that women will receive project benefits. Other policies of the ADB that have bearing on resettlement planning and implementation are the (i) Public Communications Policy (2011); and (ii) Accountability Mechanism Policy (2012).

5.2.1. Project Principles

99. The objectives of the ADB Safeguards concerning Involuntary Resettlement are to avoid or minimize the impacts on people, households, businesses and others affected by the acquisition of land and other assets, including livelihood and income, in the implementation of development projects. Where resettlement is not avoidable, the overall objective of the ADB safeguards is to enhance, or at least restore, the livelihoods of all displaced persons in real terms relative to pre-project levels; and to improve the standards of living of the displaced poor and other vulnerable groups by compensating for lost assets at replacement costs and by providing, as necessary, various forms of support. The main policy principles are to:

- a. Screen the project early on to identify past, present, and future involuntary resettlement impacts and risks. 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.
- b. Carry out meaningful consultations with displaced persons, host communities, and concerned nongovernment organizations. Inform all displaced persons of their entitlements and resettlement options. Ensure their participation in planning, implementation, and monitoring and evaluation of resettlement programs. Pay particular attention to the needs of vulnerable groups, especially those below the poverty line, the landless, the elderly, women and children, and Indigenous Peoples, and those without legal title to land, and ensure their participation in consultations. Establish a grievance redress mechanism to receive and facilitate resolution of the displaced persons' concerns. Support the social and cultural institutions of displaced persons and their host population. Where involuntary

resettlement impacts and risks are highly complex and sensitive, compensation and resettlement decisions should be preceded by a social preparation phase.

- c. Improve, or at least restore, the livelihoods of all displaced persons through (i) land-based resettlement strategies when affected livelihoods are land based where possible or cash compensation at replacement value for land when the loss of land does not undermine livelihoods, (ii) prompt replacement of assets with access to assets of equal or higher value, (iii) prompt compensation at full replacement cost for assets that cannot be restored, and (iv) additional revenues and services through benefit sharing schemes where possible.
- d. Provide physically and economically displaced persons with needed assistance, including the following: (i) if there is relocation, secured tenure to relocation land, better housing at resettlement sites with comparable access to employment and production opportunities, social and economic integration of resettled persons into their host communities, and extension of project benefits to host communities; (ii) transitional support and development assistance, such as land development, credit facilities, training, or employment opportunities; and (iii) civic infrastructure and community services, as required.
- e. Improve the standards of living of the displaced poor and other vulnerable groups, including women, to at least national minimum standards. In rural areas, provide them with legal and affordable access to land and resources, and in urban areas, provide them with appropriate income sources and legal and affordable access to adequate housing.
- f. Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain an equal or better income and livelihood status.
- g. Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets.
- h. Prepare a resettlement plan elaborating displaced persons' entitlements, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule.
- i. Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to displaced persons and other stakeholders. Disclose the final resettlement plan and its updates to displaced persons and other stakeholders.
- j. Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs and benefits. For a project with significant involuntary resettlement impacts, consider implementing the involuntary resettlement component of the project as a stand-alone operation.
- k. Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the resettlement plan under close supervision throughout project implementation.

- I. Monitor and assess resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.

5.2.2. Eligibility Policy

100. All AHs who are identified in the project-impacted areas by the cut-off date will be entitled to compensation for their affected assets and rehabilitation measures sufficient to assist them to improve or at least maintain their pre-project living standards and income-earning capacity. The cut-off date is the date of DMS completion, which is 04 June 2018.

101. Those who encroach into the Component area after the cut-off date will not be entitled to compensation or any other assistance. They will be given sufficient advance notice to vacate premises and dismantle affected structures prior to project implementation.

5.3. Reconciliation of Government and ADB Policy on Resettlement

102. Policies on compensation and resettlement for the Thai Nguyen City Water Supply System Development Project comply with ADB's requirements and Government's regulations. The condition to get ADB's donation is that compensation, resettlement and income restoration for all affected households need to follow the principle in ADB's Safeguard Policy Statement and ADB's policies on involuntary resettlement.

103. With the promulgation of the Decree 47/2014/ND-CP and relevant decrees stated above, the policies and practices of the Government have become more consistent with ADB's social safeguards policies. Nonetheless, provisions and principles adopted in this RP will supersede the provisions of the relevant decrees currently in force in Viet Nam wherever a gap exists, as provided for under Decree 16/2016/ND-CP (March, 2016), which regulates the management and use of official development assistance.

104. The gaps between the Government's Laws and Decrees and ADB Policy with regard to resettlement and compensation, and how to address these gaps for this Project are shown in the table below:

Table 10. Reconciliation of Government and ADB Policies on Involuntary Resettlement

Issues	Vietnam Regulations	ADB SPS	Project Policy
<i>AHs without LURC</i>	<p>Land Law 2013, Art. 77, Item 2 & Art. 92: Person who has used land before 1st July 2004 & directly involved in agriculture production on the acquired land without LURC or illegalizable will be compensated for the acquired land area but not exceed quota of agricultural land allocation.</p> <p>However, no compensation for non-land assets in the</p>	<p>APs who have neither formal legal rights nor recognized or recognizable claims to such land are entitled to be compensated for the loss of non-land assets other than land, and also for other improvements to the land (i.e. crops, irrigation...) at full replacement cost if they occupied the land or structures prior to the cut-off date.</p> <p>The safeguard policies cover limitations for the land use or access to parks and reserved areas, including temporary and partial losses.</p>	<p>APs without LURC or recognizable legal claims to land acquired, will be equally entitled to participation in consultations and project benefit schemes where possible, and be compensated for their lost non-land assets created before cut-off date at replacement cost. They will be entitled to resettlement assistance and other compensation and social support to</p>

Issues	Vietnam Regulations	ADB SPS	Project Policy
	following cases: (i) the assets subject to the land recovery as stipulated in one of items a, b, d, đ, e, l, clause 1, article 1, article 64 and items b, d, clause 1, article 65 of the Land Law 2013; (ii) the assets created after the notification on land acquisition; and (iii) unused public infrastructures and other works		assist them to improve or at least restore their pre-project living standards and income levels
Businesses with no business registration license	Decree No. 47/2014, Article 19: only registered businesses get assistance. Economic organization, household business, individual production unit or enterprise with foreign capital as subjects to item d, clause 1 of this article will be supported for subsistence with the highest compensation equal to 30% of one-year after-tax revenue, based on the average income of the 3 last consecutive years.	Whatever impact to displaced persons who are affected in financial source, the borrower/investor will make compensation for all income sources at replacement cost. These affected persons will be also entitled with assistance such as borrowing capital, training and job introduction to get improved income or at least equal to their living condition before the project.	Non-registered persons with income sources being affected (businesses with no registration, employees with no labor contract) will be entitled with suitable assistance to ensure their income sources are restored to be better or at least equal to their level before the project. Living condition of poor people and vulnerable groups, including female-headed households will be improved.
<i>Determination for impact level</i>	Decree 47/2014/ND-CP, Article 19, Item 3: APs losing from more than 30% of productive land are considered severely impacted and are entitled to livelihood restoration measures	The involuntary resettlement in ADB's projects is considered severe if 200 or more people are under considerable impacts like (i) physically displaced from housing or (ii) losing from 10% of their productive assets (income generating).	APs losing from 10% or more of their productive assets (income generating) or who are physically displaced shall be considered as severely affected.
<i>Agency evaluating losses</i>	People's committee of province/city under central government will establish land price framework based on principles in Article 112, 113 and 114 of the Land Law 2013. Competent agencies can appoint consultant	Experienced and eligible experts will evaluate value of the lost assets.	Compensation should be at replacement cost as determined through RCS. Surveying on replacement cost for the project is conducted by eligible consultancy units in

Issues	Vietnam Regulations	ADB SPS	Project Policy
	for land price determination (Article 57, Land law 2013).		<p>fields of land price and land price determination.</p> <p>Definition of replacement cost⁵:</p> <ul style="list-style-type: none"> - Direct communications with households living in affected areas and neighbouring areas to collect information about land price. - Communications with local authorities, determination of lands, crops, and other assets in affected areas, collection of legal documents issued, including sets of unit prices of land and other assets (inclusive of assistances) - Communications with local real estate agencies, access to local real estate websites for information search. <p>Consultancy units need to follow principles and method for determining land price prescribed by the Government. This price will be submitted by district compensation committee to PPC for approval for the project.</p>

⁵ Replacement cost will be based on the following elements: (i) fair market value; (ii) transaction costs; (iii) interest accrued, (iv) transitional and restoration costs; and (v) other applicable payments, if any. In the calculation, depreciation of structures will not be taken into account.

VII. ENTITLEMENTS, ASSISTANCE AND BENEFITS

105. Entitlements, assistance and benefits of the project include:

- Compensation: All AHs who were identified in the affected area of the project on cut – off date will be entitled to compensation for the affected assets and the rehabilitation measures which are sufficient to assist them to improve or at least maintain living standards, income earning capacity, and production of pre-project. Those who encroach on the investment area or create new (renovated, new planting, or new construction ...) after the cut – off date will not be entitled to compensation or any other assistance.
- Benefits: Based on the impact, PAPs group, and their benefits, the project will prepare the specific benefits for each PAPs groups in a satisfactory manner by the entitlement matrix below. Following detailed design, Detailed Measurement Survey and social assessment will be the basis for determining actual impacts.

Table 11: Entitlement Matrix

No	IMPACT	LEVEL OF IMPACT	ELIGIBLE PERSONS	ENTITLEMENTS	IMPLEMENTATION ISSUES
I	NON-LAND ASSETS				
1	Secondary structures	Auxiliary structures (gates, fences) 369 AHs	Owners of structures affected whether legal right to use the land or not.	<ul style="list-style-type: none"> Cash compensation at full replacement cost without depreciation or deductions for salvaged building materials 	
2	Crops, trees, and aquaculture products	Loss of or damage to assets 231 AHs	Owners of crops and trees affected despite the legal right to use the land or not	<ul style="list-style-type: none"> Cash compensation for annual crops and aquaculture products equivalent to current market value of crops/aquaculture products at the time of compensation; For perennial crops trees, cash compensation at replacement cost equivalent to current market value given the type, age and productive value (future production) at the time of compensation. Timber trees based on diameter at breast height at current market value. 	<ul style="list-style-type: none"> APs have the right to use salvageable trees. APs will be given 3 months' notice prior to land acquisition. APs will receive cash compensation based on current market cost of ripened crops/fruit for any unharvest crops that were planted prior to the land acquisition announcement.
3	Vulnerable APs	25 AHs	Loss of land and non-land assets or impact on livelihood	<ul style="list-style-type: none"> Affected vulnerable groups regardless of severity of impacts One-time cash assistance of VND 2,000,000 per household. 	<ul style="list-style-type: none"> Other assistance as per relevant Municipal/Provincial People's Committee decision as applicable. DPs will be able to salvage material without any deduction from their compensation/assistance
4	Temporary impacts during construction	Impacts on structures due to temporary impacts on	Land users regardless of tenure status	<ul style="list-style-type: none"> Cash compensation for structures/fixed assets, crops, trees affected during construction as stated in Items II above. Full restoration of affected land to pre-impact conditions 	

No	IMPACT	LEVEL OF IMPACT	ELIGIBLE PERSONS	ENTITLEMENTS	IMPLEMENTATION ISSUES
		land			
		Temporary impacts on land	Owners with LURC; in the process of acquiring LURC; are eligible to acquire LURC	<ul style="list-style-type: none"> The rent will be negotiated with affected households. The land will be restored to its pre-project condition. 	
		Temporary impacts on business	Owner of business	<ul style="list-style-type: none"> Compensation for loss of income during period of disruption to business based on either tax receipts or minimum wage where tax receipts are not available. Assistance to relocate productive assets where required Compensation for affected assets at replacement cost Restoration of land to former conditions 	
		Temporary loss of employment	Employees of affected businesses	<ul style="list-style-type: none"> Compensation for lost income for duration of disruption to employment based on either labour contract or minimum wage where a labour contract is not available. 	
5	Unanticipated impacts			<ul style="list-style-type: none"> Compensation and additional assistance as per the approved Project Resettlement Framework. 	

VIII. RESETTLEMENT BUDGET AND FINANCING PLAN

7.1. Budget source

106. During the detailed design phase, compensation cost of the project is calculated based on laws, regulations of Vietnamese government and Decisions of Thai Nguyen PPC.

107. Funds for compensation and implementation of the plan will be counterpart fund.

7.2. Unit prices for resettlement compensation cost estimate

108. **Compensation rate for secondary structures:** Applying the compensation rates approved by Thai Nguyen Provincial People's Committee at time of land acquisition based respectively on Decision No. 61/2016/QD-UBND dated 25/12/2016 of Thai Nguyen provincial people's committee on issuing unit price for compensation of houses and architectural work on land when these lands are acquired in Thai Nguyen province.

109. **Compensation rate for crops and livestock:** Applying the compensation rates equal to replacement cost approved by Thai Nguyen Provincial People's Committee at time of compensation through respectively on Decision No. 06/2016/QD-UBND dated 21/01/2016 of Thai Nguyen provincial people's committee on issuing the unit price for compensation of trees and aquaculture products when the State acquires land in Thai Nguyen province.

No.	Items	PPC rates (Decision No. 06/2016/QD-UBND)	Proposed unit rates
1.	Trees	9,000 - 1,560,000	9,000 - 1,560,000
2.	Ground, Concrete road	1,435,000	1,435,000
3.	Gate, fence	1,545,000	1,545,000

110. The compensation price was consulted with the households during the survey and the households agreed with the price. The rate will be updated at the time of compensation if there is a delay in payment of compensation after RP approval.

7.3. Cost estimate for compensation, assistance

111. The compensation prices are according to the issued price unit of Thai Nguyen province.

112. The table below is the cost estimated for compensation, assistance and resettlement:

Table 12: Estimated cost

No.	Component	Unit	Quantity	Price unit	Amount
1	Phuc Xuan commune				809,532,312
a	Trees	tree	3,390	35,161,300	95,762,000
b	Ground, Concrete road	m ²	610	197,480,000	627,958,000

No.	Component	Unit	Quantity	Price unit	Amount
c	Gate, fence	m ²	59	31,445,000	85,812,312
2 Phuc Triu commune					428,032,813
a	Trees	tree	3,286	23,935,000	95,712,000
b	Ground, road	Concrete m ²	61	28,700,000	88,195,100
c	Gate, fence	m ²	212	46,326,000	244,125,713
3 Thinh Dan ward					570,673,433
a	Trees	tree	612	10,139,000	19,467,500
b	Ground, road	Concrete m ²	305	83,339,000	417,498,000
c	Gate, fence	m ²	125	46,082,000	133,707,933
4 Quyet Thang commune					1,045,911,328
a	Trees	tree	1,534	14,666,200	35,358,900
b	Ground, road	Concrete m ²	717	230,270,669	945,576,072
c	Gate, fence	m ²	67	45,995,200	64,976,356
5	Vulnerable households	HHs	25	2,000,000	50,000,000
6	For impacts	temporary (Estimated 13%)			373,009,701
7	Total				3,277,159,586
8	Implementation management (=2%*7)				65,543,192
9	Total (=7 +8)				3,342,702,778
	Round				3,342,703,000

Unit: VND

113. Total of estimated cost for site clearance is estimated of **VND 3,342,703,000** equivalent to **USD 151,942** (Exchange rate: VND 22,000 = USD 1). This expense includes the cost of compensation / assistance of structures and properties affected by the project.

Estimated cost for the site clearance work of the project will be updated according to the time of land acquisition.

IX. INSTITUTIONAL ARRANGEMENT

114. The implementation of resettlement activities requires the involvement of agencies at the national, provincial, district and commune level. Provincial people's committee will take general responsible for the implementation of the general resettlement plan of the project. Resettlement committees shall be established at city's level according to the provisions of Decree 43/2014/NĐ-CP, and Decree 47/2014/NĐ-CP. The provisions and policies of the RP will form the legal basis for the implementation of compensation and resettlement activities in the project.

8.1. Provincial People Committee (PPC)

115. The PPC is responsible or authorize city PC to set up and direct a provincial resettlement appraisal council in accordance to the needs of the project. The PPC or authorized city PC will take overall responsibility as follows:

- Evaluate and approve the resettlement plans after the final drafts are approved by the Bank;
- Approve the land acquisition and allocation in the Project;
- Make final decision and release unit prices for the compensation and assistance levels, and support policies for affected persons and vulnerable groups based on this Policy Framework and the approved RPs;
- Direct the coordination among the concerned agencies and the provincial departments to implement the compensation, assistance and resettlement in accordance with the approved RPs;
- Ensure that the resettlement activities of the sub-project are in accordance with the Policy Framework and the approved RPs.

8.2. Thai Nguyen City People's Committee

116. The City People's Committee is responsible for determining legal rights to land and structures on land, land acquisition and land allocation (residential land), appointing members of the Board/Council of resettlement of the city.

117. **City's Resettlement Committees (CRC)** is responsible to:

- Plan and implement all daily RP activities within the city;
- Responsible for directing and monitoring the Resettlement specialist in charge of inventory of land acquisition, completion of compensation plans, review of the compensation plans to submit the PCs of provinces or cities (if authorized) for approval and coordinate with the PMU to pay compensation directly to each affected persons after receiving compensation fund;
- Responsible for coordinating with relevant units for conciliation and resolution of complaints by project affected people on compensation policy and compensation rights;
- Establish, if necessary, the commune/ward CRCs and direct them in implementing the RP activities;
- Take special care to the needs and aspirations of the particular groups of people (ethnic minorities) and the vulnerable people (children, the elderly, the householders who are female/single);
- Cooperate closely with the independent monitoring agencies (if any).

8.3. Executing agency – Thai Nguyen water joint stock company (TWACO)

118. TWACO is the Executing Agency. TWACO will, in co-ordination with the relevant agencies, manage and supervise the overall project including resettlement activities and land acquisition. Successful updating and implementation of resettlement plans will require that TWACO liaise and co-ordinate closely with involved ministries and other agencies, together with the Thai Nguyen PPC and Compensation, Assistance and Resettlement Committees of Thai Nguyen city, Phuc Triu, Phuc Xuan, Quyet Thang commune and Thinh Dan ward.

8.4. People's Committees of Commune

119. Assign tasks for communal officials to support the RP activities in the commune;

- Support other units, organizations such as the PMU for information dissemination and organization of community meetings and counseling affected persons' comments;
- Support other organizations and units, including the PMU, in the demographic survey, cost/replacement price survey, detail measurement and inventory survey, and other resettlement activities;
- Participate in all activities of land acquisition and allocation, resettlement, recovery support, and social development support;
- Support affected persons in all RP activities and living standard restoration. Notify DPs the compensation schedule and monitoring the compensation implementation and sign on contracts of compensation with DPs;
- Ensure the adequate implementation of mechanisms of resolving complaints to affected persons. To keep records of document on complaints. Support and advice and guide affected persons to resolve complaints.
- Certify the origin of land use of organizations, agencies, units and individuals, households affected by the project.

8.5. Local organizations

120. The organizations related to the profile information of affected households, demands and impacts will be involved in the development and implementation of support measures for APs. Mass organizations in Vietnam are the type of community-based organizations. These organizations are usually Fatherland Front, Women's Union, Farmers' Association and other related organizations.

8.6. Monitoring Agency

121. With not much impact level, as described in Part II of this RP. Implementation of detail resettlement plan will be monitored and evaluated internally by PMU. It is agreed that experienced qualified PMU staff will be selected to respond to the project social – environmental safeguards.

122. Internal monitoring reports should be semi-annual monitoring reports.

X. IMPLEMENTATION PLAN

9.1. Resettlement activities

123. The following activities shall be carried out:

- i. *Detailed Measurement and Census Survey.* A new DMS has been conducted. These surveys will serve as a basis for compensation and updating RP. Data will be computerized by PMUs.
- ii. *Pricing Application and Compensation to DP.* DPC will be responsible for price application (calculating payments on the basis of the market survey) and preparing compensation charts for each affected commune/district. Unit prices, quantity of affected assets, DPs' entitlements, etc. will be subject to verification by the PMU and PPCs, before being posted in each commune for people to review and comment on. All compensation forms must be checked and signed by the DPs to indicate their agreement.
- iii. *Compensation* will be handled under the supervision of representatives of CPC, DPCs and representatives of DPs.

124. PMU shall ensure that civil works contractors are not issued a notice of possession of site for construction works until PMU has (i) satisfactorily completed, in accordance with the approved updated RP, compensation payments; and (ii) ensured that required rehabilitation assistance is in place and the area required for civil works is free of all encumbrances.

9.2. Implementation Plan

125. The Updated resettlement plan is prepared based on detailed design of the project. All resettlement activities will be in compliance with construction schedule. Whenever the Updated RP is approved by ADB, land acquisition and displacement will be conducted.

126. Construction is not allowed at the affected area until all compensation and assistance have been paid completely. It is expected that, all resettlement activities of this project will be implemented as the table below:

Table 13: Implementation Schedule

Activities	Implementation time
Detailed Measurement Survey (based on detailed design)	May-June 2018
Update compensation prices	May-June 2018
Public consultation	May 2018
Approval of updated RP by ADB	Dec 2018
Disclose approved Updated RP to AHs and Uploading on ADB website	Dec 2018
Compensation of DPs (before Awarding of civil works contracts)	Dec 2018- Jan 2019
Handover of site to contractors, start of civil works	Feb 2019
Submit internal monitoring report	Semi-annual

XI. MONITORING AND REPORT

10.1. Objectives

127. The objectives of the monitoring program are (i) to ensure that the standard of living of AHs are restored or improved; (ii) to monitor whether the overall project and resettlement objectives are being met; (iii) to assess if rehabilitation measures and compensation are sufficient; (iv) to identify problems and risks; and (v) to identify measures to mitigate problems.

10.2. Internal monitoring

128. The PMU is responsible for direct internal monitoring for the implementation of the Updated resettlement plan. The PMU with support from the Consultant will monitor and manage resettlement activities and implementation arrangements.

129. The PMU will submit the Semi-annual report to ADB. The PMU will ensure that reports prepared by the Consultant supporting project implementation will be included in the progress report of the PMU. Implementation of resettlement plan, information on affected area, affected persons and compensation amount for individual items, support for people...will also be included in the progress reports.

130. Objectives of the monitoring program are (i) to ensure that living condition of affected people is restored and improved; (ii) to monitor achievement of the overall objectives of the project and the resettlement plan; (iii) to evaluate sufficiency of the methods for improvement and compensation; (iv) to address potential risks and issues; (v) to determine mitigation measures.

131. Scope of activities and issues to be addressed and verified includes:

- Payment of compensation and allowance, implementation of supporting methods;
- Re-construction of housing and business places for affected households;
- Response of affected households, particularly to resettlement and compensation activities; and
- Income restoration/improvement.
- Income restoration/improvement.

132. The principal indicators for internal monitoring of resettlement activities include the following:

- Timely and complete disbursement of compensation to AHs according to the compensation policy agreed in the RP;
- Timely and complete delivery of rehabilitation allowances and assistance measures;
- Public information dissemination and consultation procedures;
- Adherence to grievance procedures and identification of outstanding issues that require further attention and resolution;
- Priority for households in selecting proposed solutions;
- Completion of resettlement activities required before the award of civil works contracts.
- Participation of poor and vulnerable HH throughout the process;
- Restoration and improvement of socioeconomic conditions of AHs;

133. On a semi-annual basis, PMU will prepare a resettlement monitoring report. The report will be submitted to PPC and ADB. The scope of the report will include:

- The number of AHs by category of impact and the status of compensation payments,
- The amount of funds allocated and disbursed for a) resettlement program operations and b) compensation, assistance and resettlement activities.
- The activities, levels of participation, outcomes and issues of the Information Dissemination and Consultation Program.
- The status and outcomes of complaints and grievances and any outstanding issues requiring further attention by provincial or district authorities, or ADB assistance.
- Implementation problems, including delays, personnel, insufficient funds, etc.; proposed remedial measures; and, revised resettlement implementation schedule.

Appendix 1: Public Information Booklet

Introduction: The Thai Ngu yen city water supply system development project constructs new water plant with capacity of 50.000 m³/day.night. The project includes the following items:

Year	Items	Technical Solutions
2017- 2022	a) Raw water intake facility and water supply plant	<ul style="list-style-type: none"> - Construction of South Nui Coc Water Supply Plant with a capacity of 50,000 m³/day, including: - Water intake facility; raw water pumping station; raw water pipeline DN800 to provide 55.000m³/day. - Reaction tank; Settling tank; Filter tank; Reservoir - Sludge pond - Clean water pumping station; - Administrative and Laboratory - Guard house; - Costs of levelling, constructing bulkheads, building roads and plant fence; - Transformer station and power system: install two 250 KVA transformers for the water treatment plant area and install one 560 KVA and one 250 KVA transformer for raw water pumping station - Plant fence; yard, internal roads; - Internal water supply pipeline system; - Drainage system.
	b) New installation of pipelines system:	<ul style="list-style-type: none"> - Transmission pipeline DN 800: 8,149m. - Transmission pipeline DN 600: 4,201m - Transmission pipeline DN 400: 4,632m - Transmission pipeline DN 225: 1,739m - Distribution pipeline D225mm: 11,035m. - Distribution pipeline D160: 9,276m - Distribution pipeline D110: 10,602m - Service pipeline: 49,344km - Household connection: 5,713 HHs

1. Why is this Project necessary to implement? Projects conducted to achieve the following objectives:

The main objectives of the project are to improve water supply service and to ensure a safe and sustainably developed water supply through improvement of clean-water producing capacity, and expansion of the water supply system. This helps contribute to improving living conditions and public health in Thai Nguyen City.

The expected results include: i) to achieve a water supply ratio of 90% for the whole city; to reduce water loss ratio below 20%; supplying time is 24/24; supply water meets the quality for drinking water, ii) to strengthen management capacity of Thai Nguyen Water JSC, maintain a sustainable water supply through collecting a reasonable water consumption fee that is in compliance with national and local regulations.

2. Scope of impact

Total number of households affected by permanent acquisition is 8 households and a small part of Nui Coc Lake area

The items have to Permanently land acquisition for construction include:

1	Raw water intake facility
2	Water treatment plant and ancillary works

For transmission pipelines and water distribution, only temporarily affected during construction of water supply pipe because they are located on land transport corridors.

3. Who are the affected households (AHs)?

Entitled AHs are those persons who are located within the affected area at the date the project will be publicly announced. The cut-off-date for eligibility is the date of the notification for land acquisition. Persons who encroach into the area after the cut-off-date will not be entitled to compensation or any other form of resettlement assistance.

4. The resettlement policies

- a) The basic resettlement principles of the Project are: All APs are entitled to be compensated for their lost assets, incomes and businesses at replacement cost, and provided with rehabilitation measures sufficient to assist them to improve or at least maintain their pre-project living standards, incomes and productive capacity.
- b) Lack of legal rights to the assets lost will not prevent APs from entitlement to compensation.
- c) Compensation for affected assets shall be provided at market rates.
- d) Preparation of resettlement plans and their implementation is to be carried out with participation and consultation of affected people.
- e) Payment of compensation for affected assets and relocation of AHs to new sites will be completed prior to commencement of any construction activities.

Specific assistance will be provided for ethnic minorities, female headed-households, families with disabled, and other vulnerable families

5. When the Detailed Measurement Survey (DMS) will take place?

This activity will be carried out after the detailed design has been completed (in 2017). The DMS will identify all affected assets (land, structure, trees, crops etc.) of each HH. The DMS team will be composed of project representatives (PMU staff), the Center for Land Fund Development, commune staff. The DMS will only be carried out in the presence of the AHs. AHs will be informed prior to the survey.

6. When the Project is expected to commence?

The detailed design will be implemented in 2017. The land acquisition and resettlement is expected to conduct in 2017 and the construction items will be implemented in 2018 and will be completed in 2020.

7. When other consultation will take place?

Consultation with AHs will continue during the detailed design phase and before the DMS. AHs will receive a written invitation to join the public meetings.

8. If there are disagreements or problems arising during the Project such as compensation or general project-related disputes, do I have the right to complain?

Any AH may file a complaint or grievance. The Project includes a Grievance Redress Process and AHs may present their complaints to the concerned local administrative officials and RCs, either verbally or in writing.

The complaint can be filed first at the commune level and can be elevated to the highest provincial level if the AHs are not satisfied with the decisions made by the commune or district. AHs will be exempted from all taxes and administrative and legal fees associated with filing and resolving the dispute.

Anyone who has questions or concerns about the Project, please send your questions to:

Project Management Unit of Investment Construction

Management unit of investment construction project

Thai Nguyen Water Joint Stock Company

Address: Ben Oanh Street–Thai Nguyen City

Appendix 2: Statistics of households and affected area details

No	Properties	Unit	Level	Quantity
I	Cao Trang hamlet, Phuc Xuan commune, Thai Nguyen city			
1	Do Van Tuan			75,0
-	Banana	tree	Bananas have grown for 3 months	10,0
-	Corn	m ²	13*3	39,0
-	Sweet potato	m ²	6*3	18,0
-	Coconut	Trees	Diameter: 10cm	1,0
-	Confetti	Cluster		1,0
-	Grapefruit	trees	Diameter: 5cm	1,0
-	Oleaster	m ²	Size: Canopy < 3m2	1,0
-	Annona squamosa	trees	Diameter: 3cm	1,0
-	Peach	rn	Diameter: 5cm	1,0
-	Papaya	trees	Is fruiting	1,0
-	Capsicum	Trees	Not fruit	1,0
2	Concrete accessroad to Cao Trang Hamlet			
-	Concrete yard	m ³	3*2*0,2	1,2
3	Do van Thien			22,0
-	Concrete yard	m ³	3*2*0,2	1,2
-	Sweet potatoes (is growing)	m ²	5*3	15,0
-	Longan	trees	Diameter:10cm	1,0
-	Peach	trees	Diameter:10cm	2,0
-	Papaya	trees	Is fruiting	2,0
-	Palm	trees	Not fruit> 50m < 1m	1,0
-	Banyan	trees	Height over 50m	1
4	Nguyen Van Tien			
-	Green Green Tea Trees are going on business term	m ²	Foliage width >5cm.KT: 13*3	39
5	Hoang Thi Thuy			
-	Green Green Tea Trees are	m ²	27*3	81
6	Dinh Thi Hoa			
-	Elephant Grass	m ²	60*3	180,0
7	Dinh Quang Vu			
-	Coconut	Trees	Height over 60cm	20,0
8	Nguyen Thi Hong			146,0
-	Banana	Trees	Bananas have grown for 3 months	110,0
-	Palm tree	trees	Not fruit > 50m < 1m	6,0
-	Barringtonia acutangula	trees	Diameter: <10cm	21,0
-	Baccaurea polyneura	trees	Diameter: 25cm	1,0
-	Plumeria	trees	Diameter: 15cm	3,0
-	Michelia	trees	Diameter: 20cm	2,0
-	Banyan	Trees	Height over 50cm	2,0
-	Papaya	Trees	Not fruit	1,0
9	Concrete accessroad to Hamlet			
-	Concrete yard	m ³	2,5*2*0,2	1,0
10	Vu Thi Thoa			136,0
-	Banana	Trees	Bananas have grown for 3 months	60,0
-	Green Green Tea Trees are going on business term	m ²	Foliage width >5cm.KT: 10*3	30
-	Pineapple is harvested	m	Three clusters per m	3,0
-	Green tree fence	md		35,0
-	Canarium	trees	Diameter: 15cm	1,0
-	Longan	trees	Diameter: 5cm	1,0
-	Psidium guajava without fruit	trees	Diameter: 10cm	1,0
-	Ficus racemosa	trees	Diameter: 10cm	2,0
-	Jackfruit tree	Trees	Diameter: 5cm	1,0
-	Peach tree	Trees	Diameter: 5cm	1,0
-	Rattan	Cluster		1,0
11	Pham Van Thu			70,0
-	Tiled fence	m ³	33*0,15*1,7	8,4

No	Properties	Unit	Level	Quantity
-	Gate pillars	m ³	(0,5*0,5*3,2)*2 cylinder	1,6
-	Palm tree vua	Trees	Diameter: 15cm	20,0
-	Begonia flowers	Trees	Diameter: 20cm	6,0
-	Cedrus tree	Trees	Wide spread >50cm	10,0
-	Vegetables	m ²	13*2	26,0
-	Grapefruit tree	Trees	Diameter: 10cm	1,0
-	Rattan	Cluster	High >50cm	1,0
-	Syzygium nervosum	trees	Diameter: 5cm	1
-	Jackfruit tree	trees	Diameter: 15cm	2,0
-	Guava tree without fruits	trees	Diameter: 10cm	1,0
-	Canarium	Trees	Diameter: 20cm	1,0
-	Dracontomelon tree	Trees	Diameter: 10cm	1,0
-	Concrete road	m ³	4*2*0,2	1,6
12	Pham Thi Loi			46,2
-	Tree fence	md		30,0
-	Concrete yard	m ³	3*2*0,2	1,2
-	Barringtonia acutangula	Trees	Diameter: 15cm	1,0
-	Moraceae	trees	Diameter root 20cm	2,0
-	Plumeria rubra	trees	Diameter root 5cm	2,0
-	Melia azedarach	trees	Diameter root 15cm	1,0
-	Palm tree	trees	Diameter root 15cm	1,0
-	Garden of sweet potatoes	m ²	3*2	6,0
-	Spondias lakonensis	trees	Diameter: 5cm	2
13	Luong Van Tuan			25
-	Concrete yard	m ³	8*2*0,2	3,2
-	Jackfruit tree	trees	Diameter: 15cm	2
-	Carambola	trees	Diameter: 5cm	1
-	Spondias lakonensis	trees	Diameter: 5cm	1
-	Longan	trees	Diameter: 5cm	5
-	Grapefruit tree	trees	Diameter: 10cm	1
-	Ficus racemosa	trees	Diameter: 20cm	1
-	Vegetables	m ²	7*2	14
14	Luong Van Huan			9
-	Concrete yard	m ³	8*2*0,2	3,2
-	Jackfruit tree	trees	Diameter: 18cm	1
-	Longan	trees	Diameter: 5cm	2
-	Clausena lansium	trees	Diameter: 5cm	1
-	Kumquat	trees	Diameter: 5cm	1
-	Peach tree	trees	Diameter: 5cm	2
-	Ficus racemosa	trees	Diameter: 5cm	2
15	Luong Van Thang			52
-	Tiled fences	m ³	2,5*13* 0,15	4,875
-	Peach tree	Trees	Diameter:5cm	1
-	Star fruit tree	Trees	Diameter:10cm	1
-	Ficus racemosa	Trees	Diameter:20cm	1
-	Grapefruit tree	Trees	Diameter:5cm	1
-	Jackfruit tree	Trees	Diameter:10cm	1
-	Gate pillars	m ³	(0,5*3* 0,5)*2 trụ	1,5
-	Vegetables	m ²	21*2	42
-	Concrete Gate	m ³	3*2*0,2	1,2
-	Acacia	Trees	Diameter:10cm	2
-	Chrysophyllum cainito	Trees	Diameter:20cm	1
-	Lemon tree without fruit	Trees	Diameter:5cm	1
-	Caryota urens	Cluster	High >50cm	1
16	Nguyen Van An			
-	Vegetable garden	m ²	36*2	72
17	Nguyen Van Huynh			
-	Concrete yard	m ³	6*2*0,2	2,4
18	Vu Van Dien			23
-	Concrete yard	m ³	12*2* 0,2	4,8
-	Kumquat	Trees	Diameter:5cm	1
-	Podocarpus brevifolius	Trees	Diameter:5cm	1
-	Polyscias	Trees	Diameter:5cm	10

No	Properties	Unit	Level	Quantity
-	Barringtonia acutangula	Trees	Diameter:10cm	4
-	Syzygium nervosum	Trees	High >5m	1
-	Confetti tree	Trees		6
19	Nguyen Van Thanh			
-	Vegetables	m ²	17*2	34
-	Concrete yard	m ³	11*2*0,2	4,4
20	Dao Van Hung			
-	Concrete yard	m ³	6*2*0,2	2,4
21	Dao Van Hanh			
-	Concrete yard	m ³	5*2* 0,2	2
-	Dracontomelon	Trees	Diameter:10cm	1
22	Dao Van Dung			
-	Concrete road	m ³	10*2*0,2	4
-	Dracontomelon duperreanum	Trees	Diameter:30cm	1
-	Canarium	Trees	Diameter:5cm	1
23	Pham Van Phuc			
-	Concrete yard	m ³	5*2*0,2	2
24	Dinh Thi Thao			
-	Concrete yard	m ³	2*2*0,2	0,8
-	Jackfruit tree	Trees	Diameter:20cm	2
-	Lagerstroemia tree	Trees	Diameter:20cm	1
-	Orchid	Trees	Diameter:15cm	1
25	Dinh Thi Tuat			
-	Concrete yard	m ³	2*2*0,2	0,8
-	Guava tree	trees	Diameter: 10cm	2,0
-	Caryota urens	Cluster	High >50cm	2,0
-	Trees Fence	md	Pluchea indica	20,0
II	Address: Xuan Hoa hamlet, Phuc Tan commune, Thai Nguyen city			
1	La Van Tao			
-	Concrete yard	m ³	18*2*0,2	7,2
-	Tiled fence	m ³	0,5*35*0,15	2,6
-	Ficus racemosa	Trees	Diameter: 15cm	2,0
-	Guava tree	trees	Diameter: 5cm	1,0
-	Longan	trees	Diameter: 15cm	1,0
-	Dracontomelon	trees	Diameter: 15cm	1,0
-	Chrysophyllum	Trees	Diameter: 30cm	1,0
-	Kumquat	Trees	Diameter: 1,5cm	1,0
-	Apricot blossom	Trees	Diameter: 10cm	20,0
-	Banana tree	Trees	Bananas have grown for 3 months	260,0
-	Dracontomelon	Trees	Diameter: 40cm	1,0
-	Magnolia champaca	Trees	Diameter: 5cm	2,0
-	Melia azedarach	Trees	Diameter: 10cm	5,0
2	La Van Dong			
-	Concrete yard	m ³	8*2*0,2	3,2
3	La Van Quan			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Muntingiaceae	Trees	Diameter: 20cm	2,0
4	La Van Thang			
-	Concrete yard	m ³	5*2*0,2	2,0
5	La Van Luong			
-	Concrete yard	m ³	5*2*0,2	2,0
-	Papaya tree	Trees	Not fruit	1,0
-	Bonsai	Trees	Diameter:10cm	1,0
6	La Van Hai			
-	Concrete road	m ³	5*2*0,2	2,0
7	Le Van Lap			
-	Concrete yard	m ³	5*2*0,2	2,0
8	Nguyen Thi Ngoi			
-	Vegetables	m ²	5*2	10
-	Caryota urens	m ³	4*3*0,2	1,0
9	La Thi Hoa			
-	Concrete yard	m ³	5*3*0,2	3,0
-	Caryota urens	Cluster		1,0

No	Properties	Unit	Level	Quantity
-	Jackfruit tree	Trees	Diameter: 10cm	1,0
-	Wood-taking tree	Trees	Diameter: 5cm	20,0
-	Vegetables	m ²	7*2	14
-	Longan	Trees	Diameter: 5cm	1,0
-	Green Green Tea Tree	m ²	13*2	26
10	Truong Van Luyen			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Tiled fences	m ³	8*1*0,15	1,2
-	Tiled fences pillar	m ³	(0,5*0,5*2,7)*4 Cilynder	2,7
11	Le Kim Hoang			
-	Green Green Tea Tree	m ²	16*2	32
12	Do Thanh Binh			
-	Concrete yard	m ³	5*2*0,2	2,0
-	Phyllostachys	Cluster		1,0
-	Clausena lansium	trees	Diameter: 20 cm	1,0
-	Dracontomelon	trees	Diameter: 60cm	1,0
-	Melia azedarach	Trees	Diameter: 10cm	1
13	Concrete accessroad to Hamlet			
-	Concrete road	m ³	4*3*0,2	2,4
14	La Van Chien			
-	Rice tree	m ²	25*2	50
15	Do Thanh Thuy			
-	Rice tree	m ²	29*1	29
16	Concrete accessroad to Hamlet			
-	Concrete road	m ³	3*2*0,2	1,2
17	Nguyen Tien Thuong			
-	Concrete yard	m ³	5*2*0,2	2
18	Bui Dang Nam			
-	Acacia	Trees	Diameter: 20cm	7
19	Bui Van Phuong			
-	Longan	Trees	Diameter: 20cm	1,0
-	Melia azedarach	Trees	Diameter: 25cm	1,0
-	Vegetables	m ²	5*2	10
20	Vu Van Hai			
-	Concrete yard	m ³	9*2*0,2	3,6
21	Pham Ngoc Huy			
-	Concrete yard	m ³	9*2*0,2	3,6
22	Le Thi Tam			
-	Concrete yard	m ³	5*2*0,2	2
23	Luu Thi Hoa			
-	Concrete road	m ³	5*2*0,2	2
-	Longan	Tree	Diameter: 10cm	1,0
-	Jackfruit tree	Trees	Diameter: 10cm	1,0
-	Grapefruit tree	Trees	Diameter: 5cm	1
24	Nguyen Van Duong			
-	Concrete yard	m ³	7*2*0,2	2,8
-	Jackfruit tree	Trees	Diameter: 20cm	2,0
-	Melia azedarach	Trees	Diameter: 15cm	1,0
-	Mai Dust	Trees	Diameter: 15cm	25
-	Longan	Trees	Diameter: 5cm	4,0
-	Guava tree	Trees	Diameter: 5cm	2,0
25	Concrete accessroad to Hamlet			
-	Concrete road	m ³	3*2*0,2	1,2
26	Tran Van Linh			
-	Concrete yard	m ³	10*2*0,2	4
-	Tiled fences pillar	m ³	(0,25*0,25*1,8)*6 cilynder	0,7
27	La Van Luong			
-	Rice tree	m ²	15*2	30
28	Truong Van Tuyen			
-	Concrete yard	m ³	2*2*0,2	0,8
-	Green Green Tea Tree	m ²	28*2	56
29	Truong Van Thanh			
-	Concrete yard	m ³	3*2*0,2	1,2

No	Properties	Unit	Level	Quantity
-	Melia azedarach	Trees	Diameter: 20cm	2
-	Guava tree	Trees	Diameter: 10cm	1
-	Banana tree	Trees	Bananas have grown for 3 months	10
30	Dao Thi Nguyen			
-	vegetables	m ²	4*2	8
-	Jackfruit tree	Trees	Diameter: 15cm	3,0
-	Grapefruit tree	Trees	Diameter: 10cm	1,0
-	Longan	Trees	Diameter: 10cm	2,0
-	Spondias lakonensis	Trees	Diameter: 15cm	1,0
-	Lemon tree	Trees	Coming out	1
-	acacia	Trees	Diameter: 20cm	1
-	Dracontomelon	Trees	Diameter: 5cm	1
31	Truong van Tuyen			
-	Green Tea Tree	m ²	44*2	88
-	Melia azedarach	Trees	Diameter: 20cm	2,0
-	Melia azedarach	Trees	Diameter: 10cm	2
32	Bui Thi Ba			
-	Green Tea Tree	m ²	24*2	48
-	Vegetables	m ²	5*2	10
33	Vuong Van Quyet			
-	Rice tree	m ²	100*2	200
34	Bui Van Nam			
-	Concrete yard	m ³	18*2*0,2	7,2
35	Phuc Tan primary school gate			
-	Concrete yard	m ³	11*2*0,2	4,4
36	Le Van Lap			
-	Concrete yard	m ³	9*2*0,2	3,6
37	Nguyen Thuy Nga			
-	Concrete yard	m ³	5*2*0,2	2
38	Dinh Van Bac			
-	Concrete yard	m ³	5*2*0,2	2
-	Jackfruit tree	Trees	Diameter: 5cm	1,0
-	Schefflera heptaphylla	Cluster		1,0
-	Elaeagnus latifolia	Trees	Diameter: 5cm	1,0
39	Nguyen Van Thach			
-	Concrete yard	m ³	8*2*0,2	3,2
40	Tran Van Cuong			
-	Acacia tree	Trees	Diameter: 20cm	17,0
-	Melia azedarach tree	Trees	Diameter: 20cm	1,0
-	Acacia tree	Trees	Diameter: 5cm	10
III	Trung Tam hamlet, Phuc Xuan commune, Thai Nguyen city			
1	Doan Manh Cuong			
-	Concrete yard	m ³	10*2*0,2	4
-	Barringtonia acutangula	Trees	Diameter: 10cm	1,0
2	Pham Thi Phong			
-	Concrete yard	m ³	4*2*0,2	1,6
3	Dinh Trung Kien			
-	Concrete yard	m ³	5*2*0,2	2
4	Nguyen Van Hung			
-	Concrete yard	m ³	6*2*0,2	2,4
-	Jackfruit tree	Trees	Diameter: 5cm	1
5	Hoang Dinh Thang			
-	Concrete road	m ³	4*2*0,2	1,6
6	Nguyen Thi Dung			
-	Concrete yard	m ³	5*2*0,2	2
7	Vu Thi Hau			
-	Concrete yard	m ³	5*2*0,2	2
8	Nguyen Thi Dan			
-	Concrete yard	m ³	9*2*0,2	3,6
9	Nguyen Van Phuc			
-	Concrete yard	m ³	5*2*0,2	2
10	Nguyen Van Son			
-	Concrete yard	m ³	3*2*0,2	1,2

No	Properties	Unit	Level	Quantity
11	Pham Thi Phong			
-	Concrete road	m ³	4*2*0,2	1,6
12	Concrete accessroad to Hamlet			
-	Concrete road	m ³	5*2*0,2	2
13	Nguyen Van Tinh			
-	Concrete yard	m ³	10*2*0,2	4
-	Delonix regia	Trees	Diameter: 10cm	1
14	Pham Van Huan			
-	Concrete yard	m ³	5*2*0,2	2
15	Nguyen Xuan Huong			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Hydraulic window	m ²	3*3	9
16	Nguyen Minh Cuong			
-	Concrete yard	m ³	9*2*0,2	3,6
17	Tran Van Dung			
-	Concrete yard	m ³	11*2*0,2	4,4
-	Dracontomelon duperreanum	Trees	Diameter: 30cm	1,0
-	Dracontomelon	Trees	Diameter: 20cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 20cm	2,0
18	Tran Van Son			
-	Red brick pavement 30*30	m ²	3*12	36
-	Dracontomelon	Trees	Diameter: 20cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 5cm	1,0
19	Duong Thi Diem			
-	Mango tree	Trees	Diameter: 35cm	1,0
20	Dang Van Muoi			
-	Concrete road	m ³	4*2*0,2	1,6
21	Nguyen Huu The			
-	Concrete yard	m ³	8*2*0,2	3,2
22	Do Duy Anh			
-	Concrete yard	m ³	5*2*0,2	2
23	Duong Thi Diem			
-	Concrete yard	m ³	6*2*0,2	2,4
24	Pham Thanh Tung			
-	Concrete yard	m ³	11*2*0,2	4,4
-	Muntingiaceae	Trees	Diameter: 10cm	1,0
-	Jackfruit tree	Trees	Diameter: 15cm	1,0
25	Vu Thi Thuan			
-	Alstonia	Trees	Diameter: 40cm	1,0
-	Dracontomelon	Trees	Diameter: 10cm	1,0
-	Concrete yard	m ³	24*2*0,2	9,6
26	Luong Van Huy			
-	Concrete road	m ³	5*2*0,2	2
-	Longan	Trees	Diameter: 5cm	1,0
27	Vu Duc Thai			
-	Concrete road	m ³	9*2*0,2	3,6
-	Red brick pavement 30*30	m ²	6*2	12
-	Fence brick	m ³	1*0,15*1	0,15
28	Concrete accessroad to Hamlet			
-	Concrete yard	m ³	4*2*0,2	1,6
29	Nguyen Duong			
-	Concrete yard	m ³	5*2*0,2	2
30	Do Thi Huong			
-	Concrete yard	m ³	6*2*0,2	2,4
31	Le Viet Thang			
-	Concrete yard	m ³	5*2*0,2	2
32	Le Van Tan			
-	Concrete yard	m ³	17*2*0,2	6,8
33	Dam Thi Tuyet			
-	Concrete yard	m ³	28*2*0,2	11,2
34	Nghiem Ngoc Tinh			
-	Concrete road	m ³	5*2*0,2	2

No	Properties	Unit	Level	Quantity
-	Red brick pavement 30*30	m2	5*2	10
-	Muntingiaceae	Trees	Diameter: 20cm	1,0
35	Le Ngoc Xuan			
-	Concrete yard	m ³	7*2*0,2	2,8
36	Nguyen Van Duc			
-	Concrete yard	m ³	5*2*0,2	2
37	Le Trung Cuong			
-	Concrete yard	m ³	11*2*0,2	4,4
38	Nguyen Hong Than			
-	Red brick pavement 25*25	m2	5*2	10
39	Dang Van Muoi			
-	Red brick pavement 30*30	m2	5*2	10
40	Nguyen Kien Hung			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Red brick pavement 40*40	m2	9*2	18
-	Guava tree	Trees	Diameter: 5cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 10cm	1,0
41	Le Van Thanh			
-	Concrete yard	m ³	5*2*0,2	2
42	Trinh Van Son			
-	Concrete yard	m ³	5*2*0,2	2
43	Nguyen Van Thu			
-	Concrete yard	m ³	6*2*0,2	2,4
44	Nguyen Dang Khoa			
-	Concrete yard	m ³	5*2*0,2	2
45	Pham Van Thang			
-	Concrete road	m ³	5*2*0,2	2
-	Red brick pavement 40*40	m2	5*2	10
46	Nguyen Thi Binh			
-	Concrete road	m ³	5*2*0,2	2
47	Nguyen Ich Khiem			
-	Concrete yard	m ³	4*2*0,2	1,6
48	Pham Thi Mui			
-	Concrete yard	m ³	5*2*0,2	2
-	Tiled fence	m ³	(2*0,22*3,5)*2	3,08
-	Tiled pillar	m ³	(0,7*0,7*3,5)*2	3,43
-	three-step staircase by tile	m ³	(0,33*0,33*7)*2 step	1,5246
49	Pham Thi Lan			
-	Concrete yard	m ³	4*2*0,2	1,6
50	Bui Tien Dung			
-	Concrete yard	m ³	4*2*0,2	1,6
51	Nguyen van Toan			
-	Concrete yard	m ³	5*2*0,2	2
-	Spondias lakonensis	Trees	Diameter: 15cm	1,0
52	Duong Lien Xa			
-	Concrete road	m ³	9*2*0,2	3,6
53	Tran Van Trung			
-	Concrete road	m ³	11*2*0,2	4,4
-	Barringtonia acutangula	Trees	Diameter: 15cm	1,0
-	Dracontomelon	Trees	Diameter: 15cm	1,0
54	Bui Thi Tham			
-	Concrete road	m ³	5*2*0,2	2
55	Le Van Dau			
-	Concrete yard	m ³	4*2*0,2	1,6
56	Le Dai Thanh			
-	Concrete yard	m ³	11*2*0,2	4,4
-	Guava tree	Trees	Diameter: 15cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 10cm	1,0
-	Spondias lakonensis	Trees	Diameter: 15cm	1,0
57	Vu Thi Huong			
-	Concrete yard	m ³	8*2*0,2	3,2
58	Pham Van Son			

No	Properties	Unit	Level	Quantity
-	Red brick pavement 40*40	m2	4*2	8
59	Pham Ngoc Tu			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Dracontomelon duperreanum	Trees	Diameter: 50cm	1,0
60	Concrete accessroad to Phuc Xuan CPC			
-	Concrete road	m ³	5*2*0,2	2
61	Concrete accessroad to Phuc Xuan post office			
-	Concrete road	m ³	4*2*0,2	1,6
-	Vegetables	m2	5*2	10
IV	Cay Thi hamlet, Phuc Xuan commune, Thai Nguyen city			
1	Vu Van nhut			
-	Concrete yard	m ³	10*2*0,2	4
-	Spondias lakonensis	Trees	Diameter: 40cm	1,0
2	Vu Van Thuc			
-	Concrete yard	m ³	10*2*0,2	4
3	Vu Van Tot			
-	Concrete yard	m ³	5*2*0,2	2
-	Tiled gate pillar	m ³	(0,6*0,6*2,5)*2 Cylinder	1,8
-	Tiled fence	m ³	0,11*5*2,5	1,375
4	Vu Trong Da			
-	Concrete yard	m ³	11*2*0,2	4,4
-	Red brick pavement 40*40	m2	11*1	11
5	Nguyen Van Kiem			
-	Red brick pavement 40*40	m2	9*2	18
6	Vu Van Khanh			
-	Concrete road	m ³	5*2*0,2	2
7	Vu Van Thiet			
-	Concrete yard	m ³	10*2*0,2	4
8	Vu Van Thinh			
-	Concrete yard	m ³	4*2*0,2	1,6
9	Ngo Van Phu			
-	Green Tea Tree	m2	15*1	15
10	Le Van Khan			
-	Green Tea Tree	m2	9*3	27
11	Nguyen Van Nhat			
-	Taro	m2	35*1	35
-	Melia azedarach tree	Trees	Diameter:5cm	2
12	Din Van Lap			
-	Concrete road	m ³	8*2*0,2	3,2
13	Le Van Thuy			
-	Vegetables	m ²	3*2	6
-	Banana tree	Trees	Bananas have grown for 3 months	50,0
-	Jackfruit tree	Trees	Diameter: 20cm	1,0
-	Grapefruit tree	Trees	Diameter: 10cm	1,0
-	Longan	Trees	Diameter: 15cm	1,0
14	Duong Thi Dinh			
-	Concrete road	m ³	44*2*0,2	17,6
15	Le Van Thuy			
-	Vegetables	m ²	9*2	18
-	Red brick pavement 40*40	m2	5*2	10
16	Tran Ngoc Phuong			
-	Red brick pavement 30*30	m2	5*2	10
17	Tran Thi Phuong			
-	Red brick pavement 30*30	m2	5*2	10
18	Vu Van Quyet			
-	Concrete road	m ³	5*2*0,2	2
19	Nguyen Van Canh			
-	Concrete road	m ³	5*2*0,2	2
20	Nguyen Thi Chien			
-	Concrete road	m ³	5*2*0,2	2
21	Pham Thi Mui			
-	Concrete road	m ³	8*2*0,2	3,2

No	Properties	Unit	Level	Quantity
-	Red brick pavement 30*30	m2	5*1	5
22	Pham Thi Mui			
-	Red brick pavement 30*30	m2	5*2	10
23	Nguyen Van Tuan			
-	Concrete yard	m ³	15*2*0,2	6
-	Fence Tiled fences	m ³	0,15*15*1,6	3,6
-	Alstonia	Trees	Diameter: 20cm	1,0
-	Tiled gate pillar	m ³	(0,7*0,7*3)*2 Cylinder	2,94
-	Concrete Casket	m ³	0,15*4*0,1	0,06
24	Duong Van Thin			
-	Concrete yard	m ³	10*2*0,2	4
25	Tran Duc Cuong			
-	Concrete yard	m ³	23*2*0,2	9,2
-	Si tree	Trees	Diameter: 30cm	1,0
V	Giua hamlet, Phuc Xuan commune, Thai Nguyen city			
1	Nguyen Xuan Sang			
-	Concrete yard	m ³	24*2*0,2	9,6
-	Alstonia	Trees	Diameter: 15cm	1,0
-	Lagerstroemia tree	Trees	Diameter: 10cm	1
2	Tran Van Cuong			
-	Vegetables	m ²	12*2	24
3	Vu Si Du			
-	Concrete yard	m ³	20*2*0,2	8
-	Ficus racemosa	Trees	Diameter: 15cm	1,0
-	Annona squamosa	Trees	Diameter: 5cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 10cm	1,0
-	Longan	Trees	Diameter: 5cm	1,0
-	Grapefruit tree	Trees	Diameter: 5cm	1,0
-	Caryota urens	Cluster		4,0
-	Jackfruit tree	Trees	Diameter: 30cm	1,0
-	Dracontomelon	Trees	Diameter: 15cm	1,0
-	Coconut tree	Trees	Diameter: 40cm	1,0
-	Cedrus tree	Trees	Wide spread 60cm	1,0
-	Lemon tree	Trees	Diameter: 1,5cm	1
-	Fence Tiled fences	m ³	15*1*0,22	3,3
-	Green Tea Tree	m ²	25*2	50
-	Melia azedarach tree	Trees	Diameter: 15cm	10,0
-	Pear trees	Trees	Diameter: 5cm	1,0
-	Acacia tree	Trees	Diameter: 20cm	1,0
-	Mai Dusk	Trees	Diameter: 10cm	30,0
4	Nguyen Van Huan			
-	Concrete yard	m ³	7*2*0,2	2,8
5	Duong Be Tong vao xom			
-	Concrete road	m ³	4*2*0,2	1,6
6	Bui trong Dat			
-	Concrete yard	m ³	5*2*0,2	2
7	Nguyen Thi Hieu			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Mango tree	Trees	Diameter: 5cm	1,0
-	Peach tree	Trees	Diameter: 5cm	1,0
-	Muntingiaceae	Trees	Diameter: 15cm	1,0
-	Palm tree	Trees	Diameter: 10cm	1
8	Nguyen Thi Thao			
-	Concrete yard	m ³	5*2*0,2	2
9	Nguyen Van Kiem			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Muntingiaceae	Trees	Diameter: 30cm	1,0
-	Vegetables	m ²	13*2	26
-	Dracontomelon	Trees	Diameter: 30cm	1,0
-	Banana tree	Trees	Bananas have grown for 3 months	30
10	Nguyen Ngoc Tan			
-	Concrete yard	m ³	6*2*0,2	2,4

No	Properties	Unit	Level	Quantity
-	Melia azedarach tree	Trees	Diameter: 20cm	1,0
-	Banana tree	Trees	Bananas have grown for 3 months	10,0
11	Nguyen Thi Lan			
-	Concrete yard	m ³	15*2*0,2	6
-	Dracontomelon	Trees	Diameter: 30cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 25cm	1
-	Ficus racemosa	Trees	Diameter: 30cm	1,0
12	Nguyen Van Thin			
-	Melia azedarach tree	Trees	Diameter: 10cm	1,0
-	Acacia tree	Trees	Diameter: 40cm	1,0
-	Barringtonia acutangula	Trees	Diameter: 10cm	1,0
-	Green Tea Tree	m ²	42x2	84,0
-	Phyllostachys	Trees	10cm	20,0
-	Banana tree	Trees	Bananas have grown for 3 months	20,0
-	Fence brick xilicat wall	m ³	24*0,15*1,2	4,3
13	Vu Van Hoang			
-	Dalbergia odorifera	Trees	Diameter: 15cm	1,0
-	Longan	Trees	Diameter: 10cm	2,0
-	Jackfruit tree	Trees	Diameter: 15cm	2,0
-	Acacia tree	Trees	Diameter: 15cm	1,0
-	Dracontomelon	Trees	Diameter: 15cm	1,0
-	Si tree	Trees	Diameter: 5cm	1,0
-	Banana tree	Trees	Bananas have grown for 3 months	10
14	Vu Thi Nguyen			
-	Concrete yard	m ³	6*2*0,2	2,4
-	Alstonia tree	Trees	Diameter: 15cm	1,0
-	Jackfruit tree	Trees	Diameter: 5cm	1
15	Tran Ngoc Phuong			
-	Rice tree	m ²	22*1	22
-	Banana tree	Trees	Bananas have grown for 3 months	100
16	Dinh Thi Men			
-	Vegetables	m ²	35*2	70
17	Cong vao Truong Mam Non Phuc Xuan			
-	Concrete road	m ³	9*2*0,2	3,6
VI	Nui Nen hamlet, Phuc Xuan commune, Thai Nguyen city			
1	Truong Cao Nguyen			
-	Concrete road	m ³	12*2*0,2	4,8
2	Luu Huyen Duc			
-	Concrete road	m ³	3*2*0,2	1,2
-	Dracontomelon	Trees	Diameter: 15cm	1,0
-	Alstonia tree	Trees	Diameter: 10cm	1,0
-	Spondias lakonensis	Trees	Diameter: 20cm	1,0
-	Caryota urens	Cluster		1,0
-	Coconut tree	Trees	Diameter: 10cm	4,0
-	Vegetables	m ²	2*1	2
-	Melia azedarach tree	Trees	Diameter: 15cm	1,0
-	Guava tree	Trees	Diameter: 5cm	1
-	Tree fence	md	Pluchea indica	15
3	Truong Cao Dung			
-	Concrete road	m ³	8*2*0,2	3,2
-	Muntingia calabura	Trees	Diameter: 15cm	1,0
4	Nguyen Van Kiem			
-	Rice tree	m ²	65*1	65
5	Tran Thi Hong			
-	Green tea tree	m ²	20*2	40
-	Corn	m ²	35*2	70
-	Melia azedarach tree	Trees	Diameter: 30cm	2,0
6	Pham Xuan Lien			
-	Vegetables	m ²	35*2	70
-	Papaya tree	Trees	Is fruiting	4
7	Pham Xuan Lien			
-	Tree fence	md	35*1	35
-	Kumquat	Trees	DIAMETER:1,5cm	30

No	Properties	Unit	Level	Quantity
8	Tuong Van Hop			
-	Concrete yard	m ³	5*2*0,2	2
-	Longan	Trees	Diameter: 30cm	1,0
-	Lemon tree	Trees	Diameter: 1,5cm	1,0
-	Vegetables	m ²	7*2	14
-	Banana tree	Trees	Bananas have grown for 3 months	10,0
9	Tuong Van Hop			
-	Vegetable	m ²	24*2	48
-	Red brick pavement 25*25	m ²	2*2	4
10	Pham Xuan Lien			
-	Tree fence	md	Hibiscus	6
-	Melia azedarach tree	Trees	DIAMETER:15cm	2
11	Nguyen Thi Hue			
-	Concrete yard	m ³	15*2*0,2	6
-	Palm tree	Trees	Diameter: 15cm	3,0
-	Vegetables	m ²	14*2	28
-	Dalbergia odorifera	Trees	Diameter: 10cm	1,0
-	Clausena indica	Trees	Diameter: 5cm	1,0
-	Peach tree	Trees	Diameter: 10cm	5,0
-	Clausena lansium	Trees	Diameter: 10cm	1,0
-	Grapefruit tree	Trees	Diameter: 15cm	1,0
-	Melia azedarach tree	Trees	Diameter: 15cm	1,0
12	Nguyen Thi Hue			
-	Concrete yard	m ³	10*2*0,2	4
-	Palm tree	Trees	Diameter: 15cm	3,0
-	Vegetables	m ²	5*2	10
-	Green Tea Tree	m ²	10*2	20
13	Nguyen Thi Hue			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Vegetables	m ²	5*2	10
-	Phyllostachys	Trees	Diameter: 10cm	10,0
-	Melia azedarach tree	Trees	Diameter: 30cm	1,0
-	Annona squamosa	Trees	Diameter: 10cm	2,0
-	Tree fence	md	Pluchea indica	5,0
14	Nguyen Thi Hue			
-	Concrete yard	m ³	3*2*0,2	1,2
-	Palm tree	Trees	Diameter: 10cm	3,0
-	Melia azedarach tree	Trees	Diameter: 30cm	1,0
-	Banana tree	Trees	Banana trees have grown for 3 months	15,0
-	Ficus microcarpa:	Trees	Diameter: 10cm	2,0
-	Clausena lansium	Trees	Diameter: 5cm	3,0
-	Papaya tree	Trees	Trees are not harvested	1,0
-	Magnolia trees	Trees	Height over 50m	1,0

No	Properties	Unit	Level	Quantity
1	Address: Dôi Che village, Phuc Triu commune, Thai Nguyen City			
1	Full name: Lương Văn Thủy			
-	Green tea is harvesting	m ²	27*3	81,0
-	Acacia	Tree	Diameter: 20cm	2,0
-	Acacia	tree	Diameter: 10cm	15,0
2	Full name: Nguyễn Quang Nhất			
-	Concrete yard	m ³	8,2*2*0,2	3,3
-	Green tea is harvesting	m ²	62*3	186,0
-	Mango	tree	Diameter: 15cm	2,0
-	Longan	tree	Diameter: 10cm	1,0
3	Full name: Nguyễn Đăng Hoàng			
-	Concrete yard	m ³	18*2*0,2	7,2
-	Melia azedarach	tree	Diameter: 15cm	1
-	Acacia	tree	Diameter: 10cm	1
-	Alstonia scholaris	tree	Diameter: 35cm	1
4	Full name: Nguyễn Thị Chín			
-	Acacia	tree	Diameter: 15cm	5
5	Full name: Concrete accessroad (2 village)			
-	Concrete road	m ³	10*2*0,2	4
6	Full name: Đặng Văn Năm			
-	Acacia	tree	Diameter: 10cm	30
7	Full name: Đặng Văn Anh			
-	Green tree fence	md	Pluchea indica	13,0
-	Tile walls	m ³	28*0,5* 1,5	21,0
-	Tile gate pillar	m ³	0,5*0,5*2,2	0,6
-	Excavated well	Unit	DN80; Depth 10 m	1,0
-	Pigpens	m ²	3,3*3,4	11,2
-	Taro	m ²	19*1	19,0
8	Full name: Đặng Văn Xuân			
-	Sweet potato	m ²	14*2	28,0
9	Full name: Đặng Văn Thường			
-	Concrete yard	m ³	7*2*0,2	2,8
-	Tile walls	m ³	7*0,15* 2	2,1
-	Tile gate pillar	m ³	0,5*0,5*2,5	0,6
-	Green tree fence	md	Pluchea indica	10,0
-	Kumpat	Tree	DIAMETER: 5 cm	5,0
-	Acacia	Tree	DIAMETER: 15 cm	1,0
-	Areca catechu	Tree	DIAMETER: 15 cm	1,0
10	Full name: Concrete accessroad (Ngõ 1)			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Lemon - tree	Tree	DIAMETER: 1,5cm	6,0
11	Full name: Đặng Văn Tuất			
-	Growing rice	m ²	39,5*2	79,0
12	Full name: Phí Văn Lũy			
-	Growing rice	m ²	23,5*2	47,0
13	Full name: Dương Văn Khánh			
-	Concrete yard	m ³	12,5*2*0,2	5
-	Green tree fence	md	Pluchea indica	22
14	Full name: Đặng Văn Thủy			
-	Concrete yard	m ³	4,2*0,2*2	1,68
-	Tile walls	m ³	30*0,22* 2,1	13,9
-	Tile gate pillar	m ³	(0,4*0,4*2,1)*4 Pillar	1,3
-	Green tree fence	md	Pluchea indica	39,0
15	Full name: Đặng Văn Ngô			
-	Green tea is harvesting	m ²	17*3	51,0
16	Full name: Dương Văn Vượng			
-	Green tea is harvesting	m ²	26*2	52,0
-	Tile walls	m ³	25*0,15* 2	7,5
-	Melia azedarach	Tree	DIAMETER: 15 cm	3
-	Melia azedarach	Tree	DIAMETER: 10 cm	3
-	Tile gate pillar	m ³	(0,5*0,5*2,5)*2 Pillar	1,3
17	Full name: Dương Văn Thịnh			
-	Green tea is harvesting	m ²	43*2	86,0

18	Full name: Đặng Đức Hai			
-	Green tea is harvesting	m ²	15*2	30,0
-	Tile walls	m ³	15*0,22* 1,7	5,6
19	Full name: Lương Văn Long			
-	Green tree fence	md	Pluchea indica	27
-	Melia azedarach	Tree	DIAMETER:20 cm	1
-	Acacia	Tree	DIAMETER:8 cm	10
-	Acacia	Tree	DIAMETER:10 cm	5
-	Acacia	Tree	DIAMETER:7 cm	3
-	Acacia	Tree	DIAMETER:30 cm	3
-	Acacia	Tree	DIAMETER:35 cm	1
-	Acacia	Tree	DIAMETER:6 cm	10
II	Address: Village Đá dựng, Phuc Triu commune, Thai Nguyen City			
1	Full name: Hoàng Thị Lan			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Oxalidaceae	Tree	DIAMETER: 10cm	1,0
-	Melon- tree without fruit	tree	Diameter: 10cm	1,0
-	Green tea is harvesting	m ²	15*2	30,0
-	Pommel	tree	Diameter: 5cm	7,0
-	Growing vegetables	m ²	3,5*2	7,0
-	Acacia	tree	Diameter: 5cm	20,0
-	Lemon - tree	Tree	Diameter: 1,5cm	2
-	Jack-fruit	Tree	Diameter: 5cm	5
-	Longan	Tree	Diameter: 5cm	1
-	Dalbergia tonkinensis	Tree	Diameter: 10cm	2
2	Full name: Nguyễn Văn Đoàn			
-	Growing cassava	m ²	10*2	20
-	Wampee	Tree	DIAMETER: 10cm	4
-	Lemon - tree	tree	Diameter: 1,5cm	9
-	Clausena indica	tree	Diameter: 5cm	1
-	Guava	tree	Diameter: 5cm	1
-	Pommel	tree	Diameter: 5cm	2
-	Growing vegetables	m ²	5*2	10
-	Mango	tree	Diameter: 5cm	1
-	Spondias lakonensis	Tree	Diameter: 10cm	1
-	Longan	Tree	Diameter: 5cm	1
-	Peach tree	Tree	Diameter: 10cm	1
3	Full name: Da Dung village cultural house			
-	Flower Garden	m ²	14,5*2	29
-	Wampee	m ³	Diameter: 5cm	4
4	Full name: Lê Minh Tuấn			
-	Concrete yard	m ³	5*2*0,2	2
-	Green tea is harvesting	m ²	43*2	86
-	Melia azedarach	Tree	DIAMETER: 5cm	3
-	Jack-fruit	tree	Diameter: 5cm	1
-	Acacia	tree	Diameter: 5cm	10
5	Full name: Lê Minh Tuấn			
-	Melia azedarach	Tree	DIAMETER: 40cm	1
-	Melia azedarach	tree	Diameter: 5cm	6
-	Acacia	tree	Diameter: 5cm	1
6	Full name: Accessroad to village			
-	Concrete yard	m ³	3*2*0,2	1,2
7	Full name: Lê Duy Mạnh			
-	Green tea is harvesting	m ²	21*3	63
-	Melia azedarach	Tree	DIAMETER: 10cm	2
8	Full name: Tô Phương Đông			
-	Eucalyptus	Tree	DIAMETER: 15cm	1
-	Acacia	tree	Diameter: 35cm	2
-	Eucalyptus	tree	Diameter: 20cm	1
-	Melia azedarach	tree	Diameter: 5cm	2
-	Green tree fence	md	Pluchea indica	81
-	Wooden tree	tree	Diameter: 5cm	40
-	Acacia	Tree	Diameter: 35cm	2
-	Melia azedarach	Tree	Diameter: 10cm	1

9	Full name: Tô Văn Đoàn			
-	Acacia	tree	DIAMETER: 5cm	100,0
-	Acacia	tree	DIAMETER: 15cm	4,0
-	Green tree fence	md	Pluchea indica	17
10	Full name: Nguyễn Văn Huynh			
-	Growing green tea	m ²	29*2	58,0
-	Wampee	Tree	DIAMETER: 15cm	2,0
-	Banana	tree	Banana is fruiting	10,0
11	Full name: Dương Quốc Huy			
-	Concrete yard	m ³	8*2*0,2	3,2
12	Full name: Lê Văn Cường			
-	Jack-fruit	Tree	DIAMETER: 15cm	1,0
-	Jack-fruit	tree	Diameter: 5cm	1,0
-	Dracontomelon duperreanum	tree	Diameter: 15cm	1,0
-	Chrysophyllum cainito	tree	Diameter: 20cm	1,0
-	Dracontomelon duperreanum	tree	Diameter: 30cm	1,0
-	Tiled pillars	m ³	0,4*0,4* 2,8	0,4
13	Full name: Lê Duy Mạnh			
-	Concrete yard	m ³	5*2*0,2	2,0
-	Tile walls	m ³	0,2*12*1,7	4,1
-	Tile gate pillar	m ³	(0,2*0,2*1,7)* 3 Pillar	0,2
-	Green tree fence	md	Hibiscus	12,0
-	Peach tree	Tree	DIAMETER: 10 cm	1,0
-	Dracontomelon duperreanum	Tree	DIAMETER: 25 cm	1,0
14	Full name: Lê Văn Thanh			
-	Growing green tea	m ²	25*3	75,0
-	Melia azedarach	Tree	DIAMETER: 15cm	1,0
-	Pommel	tree	DIAMETER: 5cm	1,0
15	Full name: Nguyễn Đăng Trung			
-	Growing green tea	m ²	17*3	51,0
-	Tile walls	m ³	0,4*1,5*20	12,0
-	Mango	Tree	DIAMETER: 5cm	1,0
-	Dalbergia tonkinensis	tree	Diameter: 15cm	1,0
-	Dalbergia tonkinensis	tree	Diameter: 5cm	1,0
-	Longan	tree	Diameter: 10cm	1,0
-	Litchi tree	tree	Diameter: 30cm	1,0
-	Longan	tree	Diameter: 5cm	2,0
-	Wampee	Tree	Diameter: 10cm	5,0
-	Tiled pillars	m ³	(0,2*0,2* 2,2)* 2 Pillar	0,2
-	Concrete yard	m ³	4*2*0,2	1,6
-	Tiled walls	m ³	6*1*0,22	1,3
-	Spondias lakonensis	Tree	Diameter: 10cm	1,0
-	Caryota mitis	cluster		2,0
16	Full name: Nguyễn Đăng Tung			
-	Dracontomelon duperreanum	Tree	DIAMETER: 10cm	2
-	Melon-tree	tree	Is harvesting	1
-	Melia azedarach	tree	DIAMETER: 10cm	24
-	Growing green tea	m ²	100*2	200
-	Growing cassava	m ²	10*2	20
-	Fibre cement plate	m ²	3*4	12
17	Full name: Nguyễn Văn Quý			
-	Acacia	Tree	DIAMETER: 5cm	80
-	Lemon - tree	tree	DIAMETER: 1,5cm	2
18	Full name: Phạm Văn Lực			
-	Concrete yard	m ³	10,5*5*0,2	10,5
-	Fibre cement plate 110 Pillar Silicate	m ²	5*3	15
-	Wampee	Tree	DIAMETER: 15cm	1
19	Full name: Tô Văn Đoàn			
-	Concrete yard	m ³	5*2*0,2	2
-	Kumpat	Tree	DIAMETER: 5cm	1
-	Tree Tùng	tree	DIAMETER: 5cm	1
20	Full name: Nguyễn Quốc Hải			
-	Dracontomelon duperreanum	Tree	DIAMETER: 25cm	2,0

-	Tree Sung	tree	Diameter: 25cm	2,0
-	Alstonia scholaris	tree	Diameter: 10cm	2,0
-	Peach tree	tree	Diameter: 10cm	2,0
-	Jack-fruit	tree	Diameter: 40cm	1,0
-	Longan	tree	Diameter: 10cm	2,0
-	Cuphea hyssopifolia	Tree	Diameter: 10cm	10,0
-	Wampee	Tree	Diameter: 10cm	1,0
-	Acacia	Tree	Diameter: 5cm	7,0
-	Melon-tree	Tree	Is harvesting	1,0
-	Tiled walls	m ³	(0,8*0,4*2,5) * 4	3,2
21	Full name: Nguyễn Thị Đông			
-	Melia azedarach	Tree	DIAMETER: 25cm	4
-	Acacia	tree	Diameter: 10cm	25
-	Melia azedarach	tree	Diameter: 15cm	1
-	Acacia	tree	Diameter: 25cm	1
-	Longan	Tree	Diameter: 30cm	1
-	Excavated well	Unit	DN80; Depth 5 m	1
-	Growing vegetables	m ²	5*2	10,0
22	Full name: Nguyễn Văn Quý			
-	Tiled walls	m ³	18*2,1* 0,15	5,67
-	Annonaceae without fruits	Tree	DIAMETER: 10cm	2
-	Pommel	tree	Diameter: 10cm	1
-	Dracontomelon duperreanum	tree	Diameter: 70cm	1
-	Dracontomelon duperreanum	tree	Diameter: 5cm	1
-	Jack-fruit	Tree	Diameter: 5cm	1
-	Melia azedarach	Tree	Diameter: 5cm	1
-	Excavated well	Unit	DN80; Depth 6 m	1
-	Growing vegetables	m ²	3*2	6
23	Full name: Nguyễn Văn Xuân			
-	Tiled walls	m ³	1,5*0,2* 18	5,4
-	Longan	Tree	DIAMETER: 15cm	6
-	Clausena lansium	tree	Diameter: 15cm	3
-	Ficus microcarpa	tree		2
-	Jack-fruit	Tree	Diameter: 15cm	2
-	Peach tree	Tree	Diameter: 10cm	1
-	Pommel	Tree	Diameter: 10cm	1
-	Banana	Tree	Diameter: 10cm	3
24	Full name: Nguyễn Văn Minh			
-	Concrete yard	m ³	5*2*0,2	2
-	Guava without fruits	Tree	DIAMETER: 10cm	1
-	Mango	tree	Diameter: 20cm	1
-	Annonaceae without fruits	tree	Diameter: 15cm	1
-	Campsis grandiflora	Tree	Diameter: 10cm	1
-	Metal sheet roof covering	m ²	2,5*11	27,5
-	Longan	Tree	Diameter: 10cm	1
-	Excavated well	Unit	DN80; Depth 6 m	1
25	Full name: Trần Thị Huyền			
-	Growing green tea	m ²	54*2	108
-	Pommel	Tree	DIAMETER: 10cm	3
-	Guava without fruit	tree	Diameter: 10cm	2
-	Melon- tree without fruit	tree	Diameter: 15cm	1
-	Banana	tree	Has been grown for 3 months	10
-	Longan	tree	Diameter: 5cm	1
-	Tiled walls	m ³	24*0,22* 1,5	7,92
26	Full name: Accessroad to village			
-	Concrete road	m ³	8,5*2*0,2	3,4
27	Full name: Nguyễn Văn Tự			
-	Growing green tea	m ²	28*3	84
-	Tiled walls	m ³	32*1,6*0,15	7,7
-	Gate pillar	m ³	(0,7*0,7* 2) * 2 Pillar	2,0
28	Full name: Đinh Văn Lâm			
-	Growing green tea	m ²	7*3	21,0
-	Peach tree	Tree	DIAMETER: 5cm	1,0
-	Plumeria rubra	tree	Diameter: 5cm	2,0

-	Banana	tree	Has been grown for 3 months	10,0
-	Green tree fence	md	Pluchea indica	7,0
29	Full name: Trần Thị Nhài			
-	Tiled walls	m ³	1,7*0,15* 18	4,6
-	Concrete yard	m ³	5*2*0,2	2,0
-	Pillar Tiled walls	m ³	(0,25*0,25*1,2)* 6 Pillar	0,5
-	Green tree fence	md	Pluchea indica	6,0
-	Melon-tree	Tree	DIAMETER: 10cm	1,0
-	Peach tree	tree	Diameter: 10cm	1,0
-	Pommel	tree	Diameter: 10cm	1,0
-	Kumpat	Tree	Diameter: 10cm	1,0
-	Malus	Tree	Diameter: 5cm	1,0
-	Growing vegetables	m ²	2*5	10,0
-	Dracontomelon duperreanum	Tree	Diameter: 30cm	1,0
-	Metal sheet roof covering	m ²	7*2	14,0
-	Banana	Tree	Has been grown for 3 months	60,0
-	Acacia	Tree	Diameter: 5cm	10,0
-	Growing green tea	m ²	22*2	44,0
30	Full name: Hoàng Thành Pillar			
-	Concrete yard	m ³	3*2*0,2	1,2
-	Banana	tree	Has been grown for 3 months	30,0
-	Acacia	tree	DIAMETER: 5cm	1,0
-	Jack-fruit	tree	DIAMETER: 15cm	1,0
-	Kumpat	tree	DIAMETER: 5cm	2,0
-	Barringtonia	Tree	DIAMETER: 5cm	1,0
-	Dracontomelon duperreanum	tree	Diameter: 15cm	1,0
-	Lemon - tree	tree	Diameter: 1,5cm	1,0
-	Wampee	tree	Diameter: 5cm	1,0
31	Full name: Mai Thị Nhân			
-	Banana	Tree	Has been grown for 3 months	15,0
-	Acacia	Tree	Diameter: 10cm	15,0
-	Growing green tea	m ²	35*2	70,0
32	Full name: Mai Văn Thư			
-	Tiled walls	m ³	1,6*0,11* 28	4,9
-	Pillar Tiled walls	m ³	(0,22*0,22*1,6)* 12 Pillar	0,9
-	Melia azedarach	Tree	DIAMETER: 5cm	1,0
-	Melia azedarach	tree	Diameter: 35cm	1,0
-	Growing green tea	m ²	28*2	56,0
33	Full name: Trần Văn Bảo			
-	Mango	tree	DIAMETER: 30cm	1,0
-	Clausena lansium	tree	DIAMETER: 10cm	1,0
-	Annonaceae without fruits	tree	DIAMETER: 10cm	1,0
-	Growing green tea	m ²	28*2	56,0
34	Full name: Lê Văn Tâm			
-	Growing green tea	m ²	13*2	26,0
35	Full name: Vi Đức Nhâm			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Growing green tea	m ²	17*3	51,0
-	Jack-fruit	tree	DIAMETER: 5cm	3,0
-	Peach tree	tree	DIAMETER: 15cm	1,0
-	Clausena lansium	Tree	DIAMETER: 5cm	4,0
-	Pommel	tree	Diameter: 5cm	1,0
-	Bougainvillea	tree	Diameter: 5cm	1,0
36	Full name: Vi Ngọc Đích			
-	Growing green tea	m ²	50*3	150,0
-	Guava	Tree	DIAMETER: 3cm	1
-	Pommel	Tree	DIAMETER: 5cm	10
-	Lemon - tree	Tree	DIAMETER: 1,5cm	10
-	Manilkara zapota	Tree	DIAMETER: 5cm	5
37	Full name: Vi Ngọc Trí			
-	Growing green tea	m ²	25*3	75,0
-	Melia azedarach	Tree	DIAMETER: 30cm	1,0
-	Melia azedarach	Tree	DIAMETER: 15cm	2,0
-	Melia azedarach	Tree	DIAMETER: 5cm	1,0

38	Full name: Vi Vinh Quang			
-	Banana	Tree	Has been grown for 3 months	10
39	Full name: Nguyễn Thị Tuyết			
	Tiled walls	m ³	46*1,8* 0,15	12,42
-	Pillar Tiled walls	m ³	(0.5*0.5* 1.8)* 3 Pillar	1,35
-	Growing green tea	m ²	46*2	96
-	Mango	Tree	DIAMETER:15cm	1
-	Jack-fruit	Tree	DIAMETER:25cm	5
-	Syzygium samarangense	Tree	DIAMETER:15cm	3
-	Banana	Tree	Has been grown for 3 months	23
-	Pommel	Tree	DIAMETER: 15cm	1
-	Kumquat	Tree	DIAMETER: 1,5cm	1
-	Longan	Tree	DIAMETER: 10cm	1
-	Wampee	Tree	DIAMETER: 10cm	2
	Acacia	Tree	DIAMETER: 15cm	1
-	Caryota mitis	Cluster		3
-	Pineapple	Tree		20

No	Properties	Unit	Level	Quantity
I	Address: Group 22, Thịnh Đán ward, Thái Nguyên			
1	Full name: Nguyễn Thị Nga			
-	Concrete yard	m ³	20*3*0,2	12,0
2	Full name: Đào Thị Bái			
-	Concrete yard	m ³	8*3*0,2	4,8
3	Full name: Bùi Thị Huyền			
-	Brick yard 30 cm x 30 cm	m ²	5*3	15
-	Vegetable	m ²	16*2	32
4	Full name: Nguyễn Mạnh Hùng			
-	Concrete yard	m ³	13*3*0,2	7,8
II	Address: Group 4, Thịnh Đán ward, Thái Nguyên			
1	Full name: Nguyễn Văn Giang			
-	Tree fence	md	Pluchea indica tree	21,0
-	Taro	m ²	21*1	21,0
2	Full name: Road to village			
-	Concrete road	m ³	3*2*0,2	1,2
3	Full name: Đào Văn mừng			
-	Tree fence	md	Pluchea indica tree	60,0
-	Longan tree	Tree	DIAMETER: 25cm	2,0
-	Jackfruit tree	Tree	DIAMETER: 30cm	1,0
-	Mango tree	Tree	DIAMETER: 30cm	2,0
-	Tree Cau	Tree	DIAMETER: 15cm	8,0
-	Star apple tree	Tree	DIAMETER: 10cm	1,0
-	Papaya tree	Tree	DIAMETER: 10cm	1,0
-	Bamboo tree	Tree	DIAMETER: 10cm	70,0
4	Full name: Nguyễn Văn Giang			
-	Concrete yard	m ³	3*2*0,2	1,2
5	Full name: Tiên bộ Steel Store			
-	Concrete yard	m ³	11*3*0,2	6,6
6	Full name: Đào Đức Việt			
-	Concrete yard	m ³	7*3*0,2	4,2
-	Star fruit tree	Tree	DIAMETER: 20cm	1,0
7	Full name: Đào Thị Thu Dung			
-	Concrete yard	m ³	13*3*0,2	7,8
-	Terminalia special tree	Tree	DIAMETER: 35cm	1,0
8	Full name: Đường vào xóm			
-	Concrete road	m ³	6*2*0,2	2,4
9	Full name: Lê Văn Vĩnh			
-	Concrete yard	m ³	8*3*0,2	4,8
-	Fence	md		17
10	Full name: Nhà Văn hóa Group 3			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Brick fence	m ³	25*2,5* 0,3	18,75
-	Acacia tree	Tree	DIAMETER:20cm	3
-	Vegetable	m ²	5*2	10
-	Banana tree	Tree	3 month	5
11	Full name: Nguyễn Văn Phương			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Brick gate pillar	m ³	(0,5*0,5* 3)* 2 Tru	1,5
-	Brick card	m ²	(0,5*3)*4 face * 2 pillars	12
-	Brick fence	m ³	3*2,5* 0,22	1,65
12	Full name: Đỗ Văn Thành			
-	Brick fence	m ³	7*0,22*2,2	3,388
-	Brick gate pillar	m ³	0,5*0,5*2,2	0,55
-	Concrete road	m ³	8*2*0,2	3,2
-	Tree fence	md	Pluchea indica tree	11
-	Banana tree	Tree	3 month	2
-	Tree Cau	Tree	DIAMETER: 15cm	1
-	Peach tree	Tree	DIAMETER: 5cm	1
-	Concrete yard	m ³	5*2*0,2	2
-	Brick fence	m ³	1,5*2*0,11	0,33
-	Jackfruit tree	Tree	DIAMETER: 10cm	1
-	Vietnamese curry tree	Tree	DIAMETER: 10cm	3

13	Full name: Nguyễn Trường An			
-	Concrete yard	m ³	3*2*0,2	1,2
-	Brick gate pillar	m ³	(0,5*0,5* 3)	0,75
-	Brick card	m ²	(0,6*3)*2 mái	3,6
-	Concrete roof	m ³	3*0,6*0,3	0,54
-	Vegetable	m ²	3*2	6
-	Papaya tree	tree		1
14	Full name: Đặng Văn Đảm			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Brick gate pillar	m ³	(0,4*0,4* 3,5)*2 pillars	1,12
15	Full name: Đào Văn Toàn			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Brick gate pillar	m ³	(0,5*0,5* 3)*4 pillars	3
16	Full name: Đàm văn Tuấn			
-	Concrete yard	m ³	47*3*0,2	28,2
17	Full name: Road to village(Nguyễn Văn Phong)			
-	Concrete road	m ³	11*3*0,2	6,6
18	Full name: Nguyễn Văn Hoàn			
-	Bamboo tree	Tree	DIAMETER: 10cm	100
19	Full name: Nguyễn Văn Nguyên			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Muntingia tree	Tree	DIAMETER: 20cm	1
-	Brick fence	m ³	(0,8*0,25*3)* 2	1,2
-	Vegetable	m ²	6*2	12
-	Tree sung	Tree	DIAMETER: 10cm	1
-	Peach tree	Tree	DIAMETER: 15cm	1
20	Full name: Nguyễn Trọng Thế			
-	Concrete yard	m ³	5*3*0,2	3
-	Tree Cau	Tree	DIAMETER: 10 cm	3
-	Brick gate pillar	m ³	0,5*0,5*3	0,75
21	Full name: Bùi Thị Tám			
-	Concrete yard	m ³	6*3*0,2	3,6
-	Vegetable	m ²	11*2	22
22	Full name: Nguyễn Thúy			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Vegetable	m ²	5*2	10
23	Full name: Tô Văn Tám			
-	Concrete yard	m ³	10*3*0,2	6,0
24	Full name: Nguyễn Văn Giang			
	Tree fence	md	Pluchea indica tree	19,0
25	Full name: Mai văn Bắc			
-	Concrete yard	m ³	13*3*0,2	7,8
26	Full name: Nghiêm Anh Tuấn			
-	Concrete yard	m ³	5*3*0,2	3,0
-	Tree Sau	Tree	DIAMETER: 15cm	2,0
-	Mango tree	Tree	DIAMETER: 20cm	1,0
-	China-tree	Tree	DIAMETER: 15cm	1,0
-	Banana tree	Tree	3 months	10,0
-	Tree Mai	Tree	DIAMETER: 10cm	10,0
27	Full name: Trần Thanh Hưng			
-	Concrete yard	m ³	17*3*0,2	10,2
-	Tree Moc	Tree	DIAMETER:20cm	1,0
-	Tree Sau	Tree	DIAMETER:10cm	2,0
-	Muntingia tree	Tree	DIAMETER:10cm	1,0
28	Full name: Trần Văn Hùng			
-	Concrete yard	m ³	8*2*0,2	3,2
29	Full name: Trần Văn Thám			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Brick gate pillar	m ³	(2,6*0,6* 2,5)* 6 pillars	23,4
	Brick wall	m ²	10*0,15*2,5	3,75
30	Full name: Concrete road to village(alley No. 2)			
-	Concrete road	m ³	7*3*0,2	4,2
31	Full name: Nguyễn Thi Loan			
-	Concrete yard	m ³	14*3*0,2	8,4

32	Full name: Đào Đức Hồng			
-	Concrete yard	m ³	10*3*0,2	6
33	Full name: Đào Thị Phương			
-	Concrete yard	m ³	10*2*0,2	4
-	Brick gate pillar	m ³	(0,4*0,4* 2)* 2 pillars	0,64
-	Tree Sung	Tree	DIAMETER:10cm	1
-	Brick fence	m ³	1,5*1,5* 0,15	0,3375
34	Full name: Đàm Thị Chanh			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Tree Sau	Tree	DIAMETER: 30cm	1
35	Full name: Đào Đức Phùng			
-	Concrete yard	m ³	4*3*0,2	2,4
36	Full name: Nguyễn Thị Hà			
-	Concrete yard	m ³	6*2*0,2	2,4
37	Full name: Nguyễn Văn Hà			
-	Concrete yard	m ³	17*3*0,2	10,2
-	Muntingia tree	Tree	DIAMETER:25cm	1
38	Full name: Nguyễn Văn Phương			
-	Concrete yard	m ³	5*3*0,2	3
39	Full name: Nguyễn Hữu Duân			
-	Concrete yard	m ³	5*3*0,2	3,0
40	Full name: Nguyễn Xuân Trung			
-	Concrete yard	m ³	5*3*0,2	3,0
41	Full name: Đặng Công Tuyển			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Tree fence	md	Pluchea indica tree	19,0
-	Longan tree	Tree	DIAMETER: 10 cm	1,0
-	Peach tree	tree	DIAMETER: 10 cm	4,0
-	Confetti tree	khóm	DIAMETER: 10 cm	2,0
-	Moringa tree	tree		1,0
42	Full name: Đào Thị Thoa			
-	Concrete yard	m ³	19*3*0,2	11,4
-	Brick gate pillar	m ³	(0,4*0,4*2,5)*6 pillars	2,4
-	Tree Sung	Tree	DIAMETER:20cm	1,0
43	Full name: Concrete road to village (Alley No.3)			
-	Concrete road	m ³	3*2*0,2	1,2
III	Address: Group 3, Thịnh Dân ward, Thái Nguyên city			
1	Full name: Đào Thị Thoa (SN 63)			
-	Concrete yard	m ³	6*2*0,2	2,4
2	Full name: Phạm Hoài Nam			
-	Concrete yard	m ³	11*2*0,2	4,4
-	Brick gate pillar	m ³	(0,4*0,4*3,3)*4 pillars	2,1
-	Brick ground	m ²	11*2	22,0
3	Full name: Nguyễn Thị Hà			
-	Concrete yard	m ³	4*3*0,2	2,4
4	Full name: Ngô Xuân Tuấn			
-	Concrete yard	m ³	7*3*0,2	4,2
-	Brick gate pillar	m ³	(0,5*0,5* 3)*2 pillars	1,5
-	Longan tree	Tree	DIAMETER: 18cm	1,0
-	Star apple tree	tree	Diameter: 10cm	1,0
-	Peach tree	tree	Diameter: 10cm	1,0
-	Kumquat tree	Tree	Diameter: 1,5cm	1
5	Full name: Trần Xuân Quang			
-	Concrete yard	m ³	16*3*0,2	9,6
6	Full name: Lăng Thị Duyên			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Tree Cau Vua	Tree	DIAMETER: 50cm	2,0
7	Full name: Hoàng Thị Huệ			
-	Concrete yard	m ³	5*2*0,2	2,0
-	Fish Poison Tree	Tree	DIAMETER:20cm	1,0
-	Cycadaceae tree	Tree	DIAMETER:25cm	1,0
-	Longan tree	Tree	DIAMETER:10cm	1,0
-	Dalbergia Tonkinensis Prain tree	Tree	DIAMETER:15cm	1,0
-	Guava tree	Tree	DIAMETER:5cm	1,0

-	Tree Sau	Tree	DIAMETER:5cm	1,0
8	Full name: Nguyễn Thị Hoài Thu			
-	Concrete yard	m ³	21*2*0,2	8,4
-	Bamboo tree	Tree	DIAMETER:10cm	30,0
-	Vegetable	m ²	6*3	18,0
9	Full name: Đinh Viết Vĩ			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Jackfruit tree	Tree	DIAMETER:30cm	1,0
-	Mango tree	Tree	DIAMETER:20cm	1,0
-	Tree Sung	Tree	DIAMETER:20cm	1,0
10	Full name: Đào Ngọc Thắng			
-	Concrete yard	m ³	9*3*0,2	5,4
-	Brick fence	m ³	5*0,11*0,22	0,1
-	Brick	m ²	(0,22*5)* 2 face	2,2
11	Full name: Lê Thị Huyền			
-	Concrete yard	m ³	4,5*2*0,2	1,8
-	Brick fence	m ³	4*1,5*0,15	0,9
12	Full name: Nguyễn Thị Ca			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Brick pillar	m ³	(0,5*0,5*2,5)* 2 pillars	1,25
13	Full name: Lưu Thị Huệ			
-	Brick gate pillar	m ³	(0,5*0,5*3,5)* 2 pillars	1,8
-	Concrete proof	m ³	(0,5*5*0,15)* 2 mái	0,8
-	Red tile	m ²	(0,5*5)* 2 mái	5,0
-	Brick fence	m ³	0,15*1,5*10	2,3
-	Coconut tree	Tree	DIAMETER: 50 cm	2,0
-	Brick fence pillar	m ³	(0,3*0,2*2,5)* 3 pillars	0,5
-	Peach tree	tree	Diameter: 5cm	1,0
14	Full name: Phạm Thị Thín			
-	Concrete yard	m ³	25*2*0,2	10
-	Brick fence	m ³	25*1*0,11	2,75
-	Brick fence	m ³	(0,25*0,2*2)* 6 trụ	0,6
-	Brick gate pillar	m ³	(0,5*0,5*3)* 2 trụ	1,5
-	Peach tree	Tree	DIAMETER: 5 cm	1
-	Star fruit tree	Tree	DIAMETER: 5 cm	1
15	Full name: Đinh Thị Huệ Hương			
-	Concrete yard	m ³	5*2*0,2	2
16	Full name: Nguyễn Văn Điệp			
-	Concrete yard	m ³	20*2*0,2	8
-	Tree fence	md	Pluchea indica tree	29
-	Acacia tree	Tree	DIAMETER: 15cm	3
-	Terminalia special tree	Tree	DIAMETER: 15cm	2

No	Properties	Unit	Level	Quantity
I	Address: Bắc Thành village, Quyết thắng commune, Thái Nguyên city			
1	Full name: Hoàng Minh Thành			
-	Concrete yard	m ³	14*2*0,2	5,6
-	Brick fence	m ³	1,5*0,15*2	0,5
-	Vegetable	m ²	5*2	10,0
-	Guava	Tree	Diameter: 10cm-20cm	2,0
-	Jack	tree	Diameter: 10cm	1,0
-	Kumquat tree	tree	Diameter: 1,5cm	10,0
-	Canarium	tree	Diameter: 10cm	1,0
2	Full name: Đinh Văn Thái			
-	Concrete yard	m ³	15*2*0,2	6,0
-	Vegetable	m ²	5*2	10,0
-	Moringa tree	tree	Diameter: 10cm high 5m	4,0
-	Peach	tree	Diameter: 5cm	1,0
-	Apple	tree	Diameter: 25cm	3,0
-	Papaya	tree		2
-	grape-fruit	tree	Diameter: 5cm	3
-	Apple	tree	Diameter: 25cm	3
-	Tea	m ²	19*2	38
-	Apple	tree	Diameter: 20cm	6
-	Guava	tree	Diameter: 5cm	7
3	Full name: Phạm Tiến Dũng			
-	Concrete yard	m ³	12*2*0,2	4,8
-	Brick wall	m ³	0,5*0,22*2	0,22
-	Magnolia	tree	Diameter: 5cm	1
4	Full name: Phạm Văn Hâu			
-	Concrete yard	m ³	21*2*0,2	8,4
-	Brick wall	m ³	(0,5*0,22*2)* 2	0,44
-	Banana tree	tree	3 months	115
-	Baccaurea	tree	Diameter: 5cm	1
-	barringtonia	tree	Diameter: 10cm	1
-	Papaya	tree		2
-	Vegetable	m ²	12*2	24
5	Full name: Hoàng Thị Thủy			
-	Concrete yard	m ³	7*2*0,2	2,8
-	Tree	tree	Diameter: 10cm	2
-	Vegetable	m ²	10*2	20
-	Banana tree	Tree	3 months	100
-	Tea	m ²	18*2	36
-	Sweet potato	m ²	14*2	28
-	Cassava	m ²	20*2	40
-	Longan	Tree	Diameter: 10cm	3
6	Full name: Đinh Thị Hòa			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Brick wall	m ³	(1*0,15*2)* 2 bờ	0,6
7	Full name: Đinh Quang Vũ			
-	Concrete yard	m ³	14*2*0,2	5,6
8	Full name: Nguyễn Thị Hồng			
-	Concrete yard	m ³	6*2*0,2	2,4
9	Full name: Hà Thị Thúy			
-	Concrete yard	m ³	17*2*0,2	6,8
10	Full name: Vũ Thị Thoa			
-	Concrete yard	m ³	15*2*0,2	6,0
11	Full name: Concrete road to village (alley No.1)			
-	Concrete road	m ³	5*2*0,2	2,0
12	Full name: Concrete road to village (alley No.2)			
-	Concrete road	m ³	4*2*0,2	1,6
13	Full name: Phạm Thị Lợi			
-	Concrete yard	m ³	37*2*0,2	14,8
-	Brick fence	m ³	0,15*1,8* 2	0,5
-	Acacia tree	Tree	DIAMETER: 10cm	10,0
-	Vegetable	m ²	10*2	20,0
-	Tree sau	tree	Diameter 5cm	2,0

-	Atemoya	tree	Diameter: 10cm	1
14	Full name: Phạm Văn Dư			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Banana tree	tree	3 months	200
-	Tree xanh	tree	Diameter: 18cm	2
-	Blackboard Tree	Tree	Diameter: 10cm	1
15	Full name: Thuận Văn Quy			
	Banana tree	Tree	3 months	50
II	Address: Trung Thành village, Quyết thắng commune, Thái Nguyên city			
1	Full name: Cementary Bắc - Trung – Nam vilage			
-	Concrete yard	m ³	22*2*0,2	8,8
-	Brick fence	m ³	10*1* 0,22	2,2
-	Tree Tung	Tree	DIAMETER:10cm	4
	Well	Cái	DIAMETER: 10cm, depth 35m	1
	Sewer	md	DIAMETER D60	22
2	Full name: Hoàng Văn Nghĩa			
-	Paddy	m ²	25*2	50
3	Full name: Nguyễn Văn Giang			
-	Concrete yard	m ³	30*2*0,2	12
4	Full name: Vũ Văn Đình			
-	Vegetable	m ²	27*2	54
-	Peach tree	tree	Diameter: 15m	1
5	Full name: Nguyễn Văn Trung			
-	Concrete yard	m ³	5*2*0,2	2
6	Full name: Kiốt xăng dầu Quyết Thắng			
-	Concrete yard	m ³	16*2*0,2	6,4
7	Full name: Nguyễn Thi Loan			
-	Tiles	m ²	8*2	16
-	Tiles	m ²	7*2	14
8	Full name: Concrete road to village (alley No.1)			
-	Concrete road	m ³	3*2*0,2	1,2
9	Full name: Đình Trung Kiên			
-	Concrete yard	m ³	4*2*0,2	1,6
10	Full name: Đình Thị Phương			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Tiles	m ²	1*4	4
-	Brick pillar	m ³	0,4*0,4*3,5	0,56
-	Granit pillar	m ²	(0,4*3,5)*4 face	5,6
11	Full name: Nguyễn Việt Dũng			
-	Concrete yard	m ³	4*3*0,2	2,4
12	Full name: Nguyễn Văn Lợi			
-	Cannaceae	m ²	10*2	20
-	Stone embankment	m ³	30*0,33*1,5	14,85
13	Full name: Hoàng văn Vinh			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Tiles	m ²	7*2	14
14	Full name: Hoàng văn Hiền			
-	Vegetable	m ²	15*2	30,0
-	Kumquat tree	tree	DIAMETER: 1,5cm	1,0
-	Tree Sung	tree	DIAMETER:20cm	1,0
15	Full name: Trần Đại Nghĩa			
	Concrete yard	m ³	10*2*0,2	4,0
-	Muntingia	tree	DIAMETER: 20cm	1,0
-	Mango tree	tree	DIAMETER: 5cm	1,0
16	Full name: Nguyễn Văn Sĩ			
	Concrete yard	m ³	13*2*0,2	5,2
-	Mango tree	tree	DIAMETER: 30cm	1,0
17	Full name: Phạm Xuân Quý			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Brick fence	m ³	2*2* 0,22	0,9
-	Vegetable	m ²	3*2	6,0
18	Full name: Vương Thị Hiền			
-	Concrete yard	m ³	3*2*0,2	1,2
19	Full name: Trần Thanh Hưng			

-	Concrete yard	m ³	8*2*0,2	3,2
20	Full name: Trần Văn Hùng			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Mango tree	tree	Diameter: 40cm	1
-	Tree Sung	Tree	DIAMETER 10cm	1
21	Full name: Concrete road to village (alley No.2)			
-	Concrete yard	m ³	5*2*0,2	2
22	Full name: Vũ Văn Giang			
-	Concrete yard	m ³	16*2*0,2	6,4
23	Full name: Nguyễn Đức Cường			
-	Concrete yard	m ³	5*2*0,2	2
-	Brick fence	m ³	0,2*2* 0,7	0,28
24	Full name: Vũ Văn Lâm			
-	Concrete yard	m ³	12*2*0,2	4,8
25	Full name: Vũ Văn Quang			
-	Concrete yard	m ³	10*2*0,2	4
-	Fence is made of brick	m ³	0,22*2* 1	0,44
26	Full name: Hoàng Văn Nghĩa			
-	Tree Sung	Tree	Diameter: 10cm	2
-	Banana tree	Tree	3 months	5
27	Full name: Phạm Văn Huân			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Fence is made of brick	m ³	0,22*2* 0,5	0,22
-	Mango	Tree	Diameter: 30cm	1
28	Full name: Nguyễn Thị Hà			
-	Concrete yard	m ³	6*2*0,2	2,4
29	Full name: Tạ Văn Hưng			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Fence is made of brick	m ³	0,22*2* 0,5	0,22
30	Full name: Nguyễn Văn Thiêm			
-	Concrete yard	m ³	12*2*0,2	4,8
-	Fence is made of brick	m ³	0,22*2* 2	0,88
31	Full name: Hà Trọng Tứ			
-	Acacia tree	tree	Diameter: 20cm	2,0
-	Banana tree	tree	3 months	3,0
32	Full name: Đào Thị Thoa			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Fence is made of brick	m ³	(0,22*0,2* 2)* 2	0,2
33	Full name: Đào Thị Thoa			
-	Concrete yard	m ³	5*2*0,2	2,0
34	Full name: Đào Thị Thoa			
-	Concrete yard	m ³	8*2*0,2	3,2
-	Tree Sung	Tree	DIAMETER:25cm	1,0
III	Address: Tree Xanh village, Quyết thắng commune, Thái Nguyên city			
1	Full name: Nguyễn Ngọc Lăng			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Vegetable	m ²	2*19	38,0
2	Full name: Dương Tô Hoàng			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Brick pillar	m ³	(0,5*0,5* 3)*2 pillars	1,5
-	Brick pillar	m ³	(0,25*0,25*3)* 5 pillars	0,9
-	Brick fence	tree	9*0,15*1,3	1,8
-	Barringtonia	Tree	DIAMETER: 15cm	1,0
-	Tree Cau	tree	Diameter: 15cm	3,0
-	Star apple tree	tree	Diameter: 20cm	1,0
-	Peach tree	tree	Diameter: 15cm	1,0
-	Magnolia	Tree	Diameter: 10cm	3
3	Full name: Dương Tô Hoàng			
-	Concrete yard	m ³	3*2*0,2	1,2
4	Full name: Nguyễn Văn Lịch			
-	Paddy	m ²	33*2	66,0
5	Full name: Dương Thị Loan			
-	Concrete yard	m ³	14*2*0,2	5,6
-	Barringtonia	Tree	DIAMETER:20cm	3,0

6	Full name: Concrete road to village			
-	Concrete road	m ³	10*2*0,2	4,0
7	Full name: Trần Thị Chúc			
-	Concrete yard	m ³	20*3*0,2	12,0
8	Full name: Hoàng Thị Tuyết			
-	Concrete yard	m ³	4*3*0,2	2,4
9	Full name: Trương Tân Khoa			
-	Concrete yard	m ³	5*3*0,2	3,0
10	Full name: Đào Thị Vân Anh			
-	Vegetable	m ²	5*3	15,0
11	Full name: Nguyễn Thị Tiến Oanh			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Muntingia	Tree	DIAMETER: 10cm	1
-	Crinum asiaticum L tree	Khóm	Diameter: 5cm- ≤ 10cm	1
-	Vegetable	m ²	5*2	10
-	Kumquat tree	Tree	DIAMETER: 1,5cm	1
12	Full name: Đàm Thị Thủy			
-	Concrete yard	m ³	7*3*0,2	4,2
-	Tree fence	md	Pluchea indica tree	10,0
-	Wampee tree	Tree	DIAMETER: 15 cm	1,0
-	Papaya tree	tree	DIAMETER: 10 cm	2,0
-	Litchi tree	tree	Diameter: 15cm	1,0
-	Atemoya	tree	Diameter: 10cm	1,0
-	Moringa tree	tree	Diameter: 5cm high 2 m	2,0
-	Longan tree	tree	Diameter: 5cm	3,0
-	China-tree	Tree	Diameter: 5cm	1
13	Full name: Nguyễn Văn Bắc			
-	Concrete yard	m ³	16*3*0,2	9,6
14	Full name: Trương Trung Kiên			
-	Concrete yard	m ³	8*3*0,2	4,8
15	Full name: Đỗ Tiến Việt			
-	Concrete yard	m ³	4*3*0,2	2,4
16	Full name: Nguyễn Tiến Minh			
-	Tree Đào	Tree	DIAMETER: 10cm	1
17	Full name: Bạch Văn Trung			
-	Concrete yard	m ³	4*3*0,2	2,4
-	Brick pillar	m ³	(0,3*0,5*4)* 2	1,2
18	Full name: Nguyễn Khắc Phú			
-	Concrete yard	m ³	4*3*0,2	2,4
19	Full name: Lương Thanh Bảo			
-	Concrete yard	m ³	4*3*0,2	2,4
20	Full name: Bùi Thúy Vi			
-	Concrete yard	m ³	9*3*0,2	5,4
-	Brick fence	m ³	2*0,25* 1	0,5
21	Full name: Dương Tô Hoàng			
-	Concrete yard	m ³	9*3*0,2	5,4
-	Brick fence	m ³	2*0,25* 1	0,5
22	Full name: Bùi Thúy Nga			
-	Brick fence	m ³	16*0,15* 1	2,4
-	Vegetable	m ²	5*2	10
23	Full name: Concrete road to village (Alley No.3)			
-	Concrete road	m ³	8*3*0,2	4,8
24	Full name: Nguyễn Thị Kha			
-	Concrete yard	m ³	13*3*0,2	7,8
25	Full name: Concrete road to village (Alley No.4)			
-	Concrete road	m ³	4*3*0,2	2,4
26	Full name: Nguyễn Thị Diễm			
-	Concrete yard	m ³	24*3*0,2	14,4
-	Banana tree	Tree	3 months	10
-	Longan tree	Tree	DIAMETER:5cm	2
-	Tree fence	md	DIAMETER:15cm	15
27	Full name: Concrete road to village (Alley No.5)			
-	Concrete road	m ³	4*3*0,2	2,4
28	Full name: Đào Thị Bình Nguyên			

-	Concrete yard	m ³	11*3*0,2	6,6
29	Full name: Đào Trọng Quý			
-	Concrete yard	m ³	12*3*0,2	7,2
-	Barringtonia	Tree	DIAMETER:20cm	1
30	Full name: Vũ Văn Tài			
-	Concrete yard	m ³	30*3*0,2	18
31	Full name: Dương Thị Hằng			
-	Concrete yard	m ³	7*2*0,2	2,8
32	Full name: Dương Thị Huệ			
-	Concrete yard	m ³	10*2*0,2	4
33	Full name: Dương Hoàng Linh			
-	Acacia tree	Tree	DIAMETER:15cm	20
-	Tree fence	md	Tree fence	30
-	Brick fence	m ³	1,2*0,11*12	1,584
-	Brick pillar	m ³	0,25*0,25*1,5	0,09375
-	Concrete yard	m ³	5*2*0,2	2
34	Full name: Nguyễn Văn Lý			
-	Barringtonia	Tree	DIAMETER: 20cm	2
-	Peach tree	Tree	DIAMETER: 8cm	3
-	Barringtonia	Tree	DIAMETER: 25cm	2
35	Full name: Dương Thị Bích Hồng			
-	Concrete yard	m ³	10*3*0,2	6
-	Mango tree	Tree	DIAMETER:20cm	1
36	Full name: Dương Đức Thông			
-	Concrete yard	m ³	10*3*0,2	6
37	Full name: Trần Văn Tuấn			
-	Concrete yard	m ³	15*2*0,2	6
-	Vegetable	m ²	4*2	8
38	Full name: Dương Thị Thâm			
-	Concrete yard	m ³	5*2*0,2	2
39	Full name: Nguyễn Thị Thanh			
-	Concrete yard	m ³	10*2*0,2	4
-	Brick wall	m ³	10*0,11* 1	1,1
-	Magnolia	Tree		3
40	Full name: Vi Chung Khanh			
-	Concrete yard	m ³	14*2*0,2	5,6
-	Muntingia	Tree	DIAMETER: 15cm	1
41	Full name: Nguyễn Thị Thủy			
-	Concrete yard	m ³	5*2*0,2	2
42	Full name: Đoàn Mạnh Cường			
-	Concrete yard	m ³	4*2*0,2	1,6
43	Full name: Nguyễn Quang Huy			
-	Concrete yard	m ³	13*2*0,2	5,2
-	Vegetable	m ²	5*2	10
-	Brick pillar	m ³	0,3*0,3*3	0,27
44	Full name: Nguyễn Thị Mười			
-	Concrete yard	m ³	4*2*0,2	1,6
45	Full name: Trần Thị Tuyết			
-	Concrete yard	m ³	9*2*0,2	3,6
-	Tiles	m ²	1*4	4
46	Full name: Concrete road to village (Nguyễn Thị Vân)			
-	Magnolia	m ³	9*2*0,2	3,6
47	Full name: Nguyễn Thị Nhi			
-	Concrete yard	m ³	4*2*0,2	1,6
IV	Address: Gò Móc village, Quyết thắng commune, Thái Nguyên city			
1	Full name: Tô Thị Liên			
-	Concrete yard	m ³	3*2*0,2	1,2
-	Brick fence	m ³	6*2,5* 0,15	2,25
-	Kumquat tree	Tree	DIAMETER:1,5cm	7
-	Longan tree	Tree	DIAMETER:5cm	2
-	Atemoya	Tree	DIAMETER:10cm	3
-	Banana tree	Tree	3 months	10
-	Tree fence	md	Pluchea indica tree	10
2	Full name: Đàm Thanh Tuấn			

-	Concrete yard	m ³	6*2*0,2	2,4
3	Full name: Đàm Thị Thùy			
-	Concrete yard	m ³	5*2*0,2	2
4	Full name: Đàm Thị Thanh Lan			
-	Concrete yard	m ³	5*2*0,2	2
-	Jackfruit tree	tree	Diameter: 25m	1
-	Tree Sau	tree	Diameter: 25m	1
5	Full name: Đàm Xuân Thịnh			
-	Concrete yard	m ³	25*2*0,2	10
-	Terminalia special tree	tree	Diameter: 25m	1
-	Muntingia	tree	Diameter: 20m	1
6	Full name: Concrete road to village			
-	Concrete road	m ³	5*2*0,2	2
7	Full name: Concrete road to Gò Móc resettlement site			
-	Asphalt Concrete Compound	100m ²	110*2	2,2
8	Full name: Trần Thị Nhung			
-	Concrete road	m ³	12*2*0,2	4,8
-	Blackboard Tree	tree	Diameter: 70cm	1
9	Full name: Trần Văn Phán			
-	Concrete road	m ³	9*2*0,2	3,6
10	Full name: Hương Việt restaurant			
-	Tiles	m ²	36*2	72
11	Full name: Nguyễn Thị Liên			
-	Concrete yard	m ³	19*2*0,2	7,6
12	Full name: Hà Trọng Điện			
-	Tree fence	md	Pluchea indica tree	20
-	Concrete yard	m ³	10*2*0,2	3
-	Confetti	Tree		1
13	Full name: Trần Quốc Bảo			
-	Concrete yard	m ³	10*2*0,2	4
14	Full name: Đường Bê Tông vào xóm			
-	Concrete yard	m ³	4*2*0,2	1,6
15	Full name: Phan Công Anh			
-	Concrete yard	m ³	12*2*0,2	4,8
16	Full name: Hà Mạnh Hùng			
-	Concrete yard	m ³	12*2*0,2	4,8
17	Full name: Vũ Thị Thanh Huyền			
-	Tiles ground	m ²	8*2	16,0
-	Barringtonia	tree	Diameter: 40m	2
18	Full name: Nguyễn Văn Hành			
-	Concrete yard	m ³	28*2*0,2	11,2
19	Full name: Nguyễn Trọng Tấn			
-	Concrete yard	m ³	8*2*0,2	3,2
20	Full name: Trần Thị Phương			
-	Concrete yard	m ³	18*2*0,2	7,2
-	Coconut	tree	DIAMETER: 20 cm	1
21	Full name: Trần Thanh Vân			
-	Vegetable	m ²	12*2	24
22	Full name: Nhà máy Chè Hoàng Bình			
-	Concrete yard	m ³	82*2*0,2	32,8
23	Full name: Đường Bê Tông vào xóm			
-	Concrete yard	m ³	7*2*0,2	2,8
24	Full name: Hà Công Lịch			
-	Vegetable	m ²	15*2	30
-	Concrete yard	m ³	12*2*0,2	4,8
25	Full name: Nguyễn Thị Mị			
-	Vegetable	m ²	6*2	12
26	Full name: Nguyễn Thị Dung			
-	Concrete yard	m ³	5*2*0,2	2
27	Full name: Nguyễn Thị Dung			
-	Concrete yard	m ³	5*2*0,2	2
28	Full name: Nguyễn Văn Vương			
-	Concrete yard	m ³	6*2*0,2	2,4
-	Banana tree	Tree	3 months	10

-	Tree fence	md	Pluchea indica tree	32
-	Clausena	tree	Diameter: 5cm	1
-	Jackfruit tree	tree	Diameter: 5cm	1
-	Blackboard Tree	tree	Diameter: 10cm	2
29	Full name: Nguyễn Xuân Lương			
-	Concrete yard	m ³	4*2*0,2	1,6
-	Vegetable	m ²	10*2	20
-	Banana tree	Tree	3 months	10
-	Moringa tree	Tree	5cm	2
30	Full name: Trần Văn Tuấn			
-	Concrete yard	m ³	4*2*0,2	1,6
31	Full name: Đoàn Xuân Thành			
-	Concrete yard	m ³	4*2*0,2	1,6
32	Full name: Nguyễn Thị Tâm			
-	Concrete yard	m ³	4*2*0,2	1,6
33	Full name: Đào Văn Hiền			
-	Concrete yard	m ³	9*2*0,2	3,6
34	Full name: Hà Đại Độ			
-	Concrete yard	m ³	13*2*0,2	5,2
35	Full name: Quyết Thắng kindergarten			
-	Concrete road	m ³	6*2*0,2	2,4
-	Vegetable	m ²	5*2	10,0
-	Banana tree	Tree	3 months	10,0
-	Tree Cau	Tree	DIAMETER:35cm	1,0
-	Kumquat tree	Tree	DIAMETER:1,5cm	1,0
36	Full name: Nguyễn Đình Diễn			
-	Concrete yard	m ³	22*2*0,2	8,8
37	Full name: Phạm Khánh Toàn			
-	Concrete yard	m ³	6*2*0,2	2,4
38	Full name: Nguyễn Thị Nguyên			
-	Concrete yard	m ³	6*2*0,2	2,4
39	Full name: Road to Quyết Thắng commune cementary			
-	Concrete road	m ³	3*2*0,2	1,2
40	Full name: Hà Văn Doanh			
-	Concrete yard	m ³	8*2*0,2	3,2
41	Full name: Đoàn Quang Thiệu			
-	Concrete yard	m ³	8*3*0,2	4,8
42	Full name: Nguyễn Văn An			
-	Concrete yard	m ³	5*3*0,2	3,0
43	Full name: Lê xuân Ka			
-	Concrete yard	m ³	5*3*0,2	3,0
-	Vegetable	m ²	15*2	30,0
44	Full name: Đào Thị Vân Anh			
-	Vegetable	m ²	5*3	15,0
45	Full name: Nguyễn Thị Man			
-	Concrete yard	m ³	10*3*0,2	6
46	Full name: Vũ Thị Khang			
-	Concrete yard	m ³	3*2*0,2	1,2
47	Full name: Trần Huy Lai			
-	Concrete yard	m ³	27*2*0,2	10,8
48	Full name: Lê Công Hạnh			
-	Concrete yard	m ³	8*3*0,2	4,8
-	Tree fence	md	Pluchea indica tree	11
-	Barringtonia	Tree	DIAMETER:20cm	1
-	Eugenia tree	Tree	DIAMETER:20cm	1
-	Star apple tree	Tree	DIAMETER:20cm	1
49	Full name: Trần Thu Phương			
-	Concrete yard	m ³	6*2*0,2	2,4
50	Full name: Trần Thị Hoa			
-	Concrete yard	m ³	6*2*0,2	2,4
51	Full name: Trương Tùng Lân			
-	Concrete yard	m ³	6*2*0,2	2,4
52	Full name: Trần Thị Quế			

-	Concrete yard	m ³	6*2*0,2	2,4
53	Full name: Trần Thị Tổ Huệ			
-	Concrete yard	m ³	6*2*0,2	2,4
54	Full name: Trần Thị Lan Hương			
-	Concrete yard	m ³	11*3*0,2	6,6
-	Brick fence	m ³	2*0,25* 1	0,5
-	Vegetable	m ²	14*2	28
-	Longan tree	Tree	DIAMETER:5cm	1
-	Jackfruit tree	Tree	DIAMETER:10cm	2
-	Atemoya	Tree	DIAMETER:5cm	1
-	Banana tree	tree		10

Appendix 3: The minutes of the meetings

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

BIÊN BẢN HỌP THAM VẤN CỘNG ĐỒNG DÂN CƯ
CHỊU TÁC ĐỘNG TRỰC TIẾP BỞI DỰ ÁN

Tên dự án: Phát triển hệ thống cấp nước thành phố Thái Nguyên

Thời gian họp: ngày 10 tháng 5 năm 2018

Địa chỉ nơi họp: UBND xã Phúc Tiến

1. Thành phần tham dự:

1.1. Đại diện Ủy ban nhân dân

Ông Trịnh Văn Hùng - Chủ tịch UBND xã Phúc Tiến

1.2. Chủ dự án là đồng chủ trì phiên họp

Ông Ma Đình Lý - Cán bộ PMA

1.3. Đơn vị tư vấn lập báo cáo đánh giá tác động môi trường

1.4. Đại biểu tham dự: đại diện của Ủy ban mặt trận Tổ quốc, các tổ chức chính trị - xã hội, tổ chức xã hội nghề nghiệp, tổ dân phố.

2. Nội dung và diễn biến cuộc họp:

2.1. Người chủ trì cuộc họp thông báo lý do cuộc họp và giới thiệu thành phần tham dự.

2.2. Chủ dự án trình bày tóm tắt báo cáo ĐTM của dự án gồm các nội dung của dự án, các tác động tích cực và tiêu cực của dự án đến môi trường và sức khỏe cộng đồng, các biện pháp giảm thiểu.

2.3. Thảo luận, trao đổi giữa cộng đồng dân cư chịu tác động trực tiếp với chủ dự án, Ủy ban nhân dân về các vấn đề mà chủ dự án đã trình bày tại cuộc họp.

Người dân tố cáo việc xây dựng dự án và xây dựng tuyến đường mới

người dân phản đối dân cư

Đã nghị dự án sớm được thực hiện

Đã nghị thực hiện đầy đủ các biện pháp giảm thiểu để không

ảnh hưởng đến sức khỏe của người dân



Để hội thảo hiện thực các cam kết

Thi công an ninh

- Phân hợp với địa phương để đảm bảo quyền lợi người dân và lợi ích của địa phương

- Người dân sẽ tham gia giám sát dự án



3. Người chủ trì cuộc họp tuyên bố kết thúc cuộc họp

T. Xom

ĐẠI DIỆN UBND
(Ký, ghi họ tên)



TM. UBND XÃ PHƯỚC TRU
CHỦ TỊCH
Trịnh Văn Hùng

ĐẠI DIỆN CHỦ DỰ ÁN
(Ký, ghi họ tên)

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

BIÊN BẢN HỌP THAM VẤN TÁI ĐỊNH CƯ

Tên dự án: Phát triển hệ thống cấp nước thành phố Thái Nguyên

Thời gian họp: ngày 17 tháng 5 năm 2018

Địa chỉ nơi họp: Hô: 100/1, UB.ND. xã Phúc Xuân

1. Thành phần tham dự:

1.1. Đại diện Ủy ban nhân dân

..... Ông Nguyễn Văn Đông - Chủ tịch UB.ND. xã Phúc Xuân

1.2. Chủ dự án là đồng chủ trì phiên họp

..... Ông Lê Đình Lý - Cán bộ PMU

1.3. Đơn vị tư vấn lập báo cáo kế hoạch tái định cư

1.4. Đại biểu tham dự: đại diện của Ủy ban mặt trận Tổ quốc, các tổ chức chính trị - xã hội, tổ chức xã hội nghề nghiệp, tổ dân phố.

2. Nội dung và diễn biến cuộc họp:

2.1. Người chủ trì cuộc họp thông báo lý do cuộc họp và giới thiệu thành phần tham dự.

2.2. Chủ dự án trình bày tóm tắt báo cáo tái định cư của dự án gồm các nội dung của dự án, chính sách của dự án, các tác động thu hồi đất.

2.3. Thảo luận, trao đổi giữa cộng đồng dân cư chịu tác động trực tiếp với chủ dự án, Ủy ban nhân dân về các vấn đề mà chủ dự án đã trình bày tại cuộc họp.

..... Các ý kiến thảo luận của người dân:

..... Khi bị tăng giá công thoát nước, nếu có thể thì
để người thi công luôn để tránh dơ bẩn

..... Để người thi công luôn gọn để tránh ảnh hưởng đến
các hoạt động kinh doanh của người dân



- Phải nghĩ đến từ các vật hiện tại bị ảnh hưởng khi thì nguyên âm.

- Phải trả các lỗi đi kèm thời cho người dân trong quá trình thi công.

Kesimpulan

- Chính quyền địa phương và người dân hoàn toàn tự do dự án

- Để nghỉ thì cũng như gần



3. Người chủ trì cuộc họp tuyên bố kết thúc cuộc họp

ĐẠI DIỆN UBND
(Ký, ghi họ tên)

ĐẠI DIỆN CHỦ DỰ ÁN
(Ký, ghi họ tên)



CHỦ TỊCH

Nguyễn Văn Đông

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

BIÊN BẢN HỌP THAM VẤN TÁI ĐỊNH CƯ

Tên dự án: Phát triển hệ thống cấp nước thành phố Thái Nguyên

Thời gian họp: ngày 11 tháng 5 năm 2018

Địa chỉ nơi họp: UBND xã Quyết Thắng

1. Thành phần tham dự:

1.1. Đại diện Ủy ban nhân dân

Ông Trần Tung Đức - Chủ tịch UBND xã Quyết Thắng

1.2. Chủ dự án là đồng chủ trì phiên họp

Ông Ma Đức Lý - Giám đốc PMU

1.3. Đơn vị tư vấn lập báo cáo kế hoạch tái định cư

1.4. Đại biểu tham dự: đại diện của Ủy ban mặt trận Tổ quốc, các tổ chức chính trị - xã hội, tổ chức xã hội nghề nghiệp, tổ dân phố.

2. Nội dung và diễn biến cuộc họp:

2.1. Người chủ trì cuộc họp thông báo lý do cuộc họp và giới thiệu thành phần tham dự.

2.2. Chủ dự án trình bày tóm tắt báo cáo tái định cư của dự án gồm các nội dung của dự án, chính sách của dự án, các tác động thu hồi đất.

2.3. Thảo luận, trao đổi giữa cộng đồng dân cư chịu tác động trực tiếp với chủ dự án, Ủy ban nhân dân về các vấn đề mà chủ dự án đã trình bày tại cuộc họp.

Các ý kiến thảo luận của người dân

- Đề nghị khi thực hiện tái định cư phải đảm bảo những ảnh hưởng đến người dân

Người dân bị ảnh hưởng đến khu phải đền bù đền đầy theo từng quy định của Nhà nước

- Cần bố trí bồi công hợp lý để không ảnh hưởng đến



hoạt động kinh doanh của người dân.

- Cần có lối đi tạm vào nhà dân khi thi công.

Kết luận:

- Chính quyền địa phương và người dân hiểu và ủng hộ dự án.

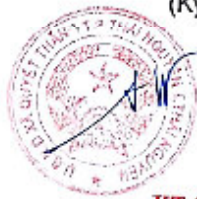
- Đề nghị thực hiện thống các quy định về tôn mìn của Nhà nước.



3. Người chủ trì cuộc họp tuyên bố kết thúc cuộc họp

ĐẠI DIỆN UBND
(Ký, ghi họ tên)

ĐẠI DIỆN CHỦ DỰ ÁN
(Ký, ghi họ tên)



KT. CHỦ TỊCH
PHÓ CHỦ TỊCH
Trần Trọng Đạt

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

BIÊN BẢN HỌP THAM VẤN TÁI ĐỊNH CƯ

Tên dự án: Phát triển hệ thống cấp nước thành phố Thái Nguyên

Thời gian họp: ngày 24 tháng 5 năm 2018

Địa chỉ nơi họp: Hội trường UBND phường Vĩnh Sơn

1. Thành phần tham dự:

1.1. Đại diện Ủy ban nhân dân

..... Ông Nguyễn Đức Cường - Chủ tịch UBND phường Vĩnh Sơn

1.2. Chủ dự án là đồng chủ trì phiên họp

..... Ông Mai Đình Lý - Cán bộ PMU

1.3. Đơn vị tư vấn lập báo cáo kế hoạch tái định cư

1.4. Đại biểu tham dự: đại diện của Ủy ban mật trận Tổ quốc, các tổ chức chính trị - xã hội, tổ chức xã hội nghề nghiệp, tổ dân phố.

2. Nội dung và diễn biến cuộc họp:

2.1. Người chủ trì cuộc họp thông báo lý do cuộc họp và giới thiệu thành phần tham dự.

2.2. Chủ dự án trình bày tóm tắt báo cáo tái định cư của dự án gồm các nội dung của dự án, chính sách của dự án, các tác động thu hồi đất.

2.3. Thảo luận, trao đổi giữa cộng đồng dân cư chịu tác động trực tiếp với chủ dự án, Ủy ban nhân dân về các vấn đề mà chủ dự án đã trình bày tại cuộc họp.

..... Các ý kiến thảo luận của người dân

- Đề nghị làm đúng quy trình chủ ý của hội họp lý ra
phần họp của quy hoạch

- Đề nghị thì công việc được làm đến đâu gọi đến đâu

- Đề nghị đến thu công phải trả công tạm cho dân đi

- Đề nghị với chủ đầu tư để họ theo phướng án chủ đầu

Nh. đã tảo mộ

- Đề nghị chủ dân h. phải thông báo cho người dân tảo mộ khi thi công

- Đề nghị đền bù cho những phần bị ảnh hưởng bởi dự án đi qua

- Sau khi hoàn thành công trình cần hoàn trả lại nguyên trạng các công trình công cộng bị ảnh hưởng

Kết luận:

- Người dân có chủ quyền địa phương hoàn toàn tự do dời an

- Đề nghị thị trấn nhanh gọn, đền bù theo đúng chính sách của nhà nước

3. Người chủ trì cuộc họp tuyên bố kết thúc cuộc họp

ĐẠI DIỆN UBND
(Ký, ghi họ tên)

ĐẠI DIỆN CHỦ DỰ ÁN
(Ký, ghi họ tên)



TM. ỦY BAN NHÂN DÂN
CHỦ TỊCH
Nguyễn Đức Cường