

Social Monitoring Report

Project Number: 43405-028

Bi-Annual Report (July-December 2019)

April 2020

GEO: Urban Services Improvement Investment Program – Tranche 6

Prepared by United Water Supply Company of Georgia LLC for the Ministry of Regional Development and Infrastructure of Georgia and the Asian Development Bank.

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ABBREVIATIONS

ADB – Asian Development Bank

AP – affected persons

DC – Design Consultant

DEPP - Department of Environmental protection and Permit

ES/ SES - Environmental Specialist/ Senior Environmental Specialist

GoG- Government of Georgia

GRC - Grievance Redress Committee

GRM - Grievance Redress Mechanism

IPMO - Investment Program Management Office

USIIP - Urban Sector Improvement Investment Program

IA - Implementing Agency

EA – Executing Agency

IP – Indigenous People

IR – Involuntary Resettlement

LARP – Land Acquisition and Resettlement Plan

MoEPA - Ministry of Environment Protection and Agriculture

MoRDI – Ministry of Regional Development & Infrastructure

NEA – National Environmental Agency

SC – Supervision Consultant

UWSCG – United Water Supply Company of Georgia

WSS – Water Supply & Sanitation

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1. THE PROJECT DETAILS

1.1 Background of the Project

1. The Urban Services Improvement Investment Program was developed as the Government's response to the lack of adequate and/or safe water supply, sewerage and sanitation in urban areas of Georgia. This is intended to optimize social and economic development in selected urban areas through improved urban water and sanitation services and is financed by the ADB through its Multi-tranche Financing Facility. The Ministry of Regional Development and Infrastructure is the Executing Agency and the United Water Supply Company of Georgia, LLC is the Implementing Agency of the Investment Program. UWSCG is a 100% state-owned company.

2. The Investment Program will improve infrastructure through the development, design and implementation of a series of subprojects, each providing improvements in a particular sector (water supply and/or sewerage) in one town. Subprojects will rehabilitate existing infrastructure and/or create new and expanded infrastructure to meet the present and future demand. Water supply improvements will include source augmentation and head works, pumping systems, treatment facilities, transmission and distribution network; and, sewerage improvement works will include sewer network, pumping stations, main collectors and waste water treatment plants.

3. Tranche 6 of the Investment Program includes:

- Construction of Water Supply and Waste Water Systems in Marneuli and Construction of Waste Water System and Collector in Bolnisi (MAR-01);
- Construction of Waste Water Treatment Plant in Marneuli (MAR-02);
- Construction of Water Supply System in Chiatura (CHI-01);

Chiatura

4. The water supply system of Chiatura – constructed 40-50 years ago, with minor monitoring, maintenance and replacement of pipes and electro-mechanical installations - was in urgent need of upgrading and rehabilitation. In addition, the water sources are affected by mountain manganese ore and turbidity during rainfall periods, thus creating a threat to the health of local population.

5. The present design considers a new water source located along the left bank of the Kvirila River in Sachkhere Municipality, laying new water supply network, rehabilitating some of the network retained, rehabilitation of existing reservoirs, construction of new reservoir at Bisi & at Sachkhere, rehabilitation of existing pumping stations, river crossings etc.

Marneuli (MAR-01)

6. Wastewater system of Bolnisi and Marneuli cities is deteriorated and not functioning properly. Currently 20% of Marneuli's population is connected to existing sewage network; Bolnisi's wastewater network is dilapidated and requires rehabilitation. The sewage network is composed of DN200 and DN800 pipes. This sewage network is dilapidated and cannot receive wastewater. There are no wastewater discharge systems and treatment plant in the project-affected zone. The polluted waters are not consistently collected. Therefore, the risks of

contamination of underground and surface waters, as well as, the soil with pollutants is high. It threatens the health of local population.

7. In 2013, KOCKS Design Company prepared water and wastewater systems rehabilitation design for city of Marneuli, and in 2018, the design was changed, and a Bolnisi wastewater system component was added, which was prepared by consultancy company – SAFEGE.

8. The design ensures the following: (i) normalization of water and wastewater systems of Marneuli City; (ii) improvement of Bolnisi's wastewater system; and (iii) help stimulate livelihood standards and improve health and safety of local residents as final recipients of the project.

9. **The objectives of the bi-annual monitoring are:**

- ✓ Evaluate implementation of grievance and redress mechanism at all level (Construction Contractor; Supervision contractor; regional agencies of UWSCG; UWSCG etc.)
- ✓ Identify gaps of implementation of social safeguard program (including the LARP implementation) and grievance and redress mechanism.
- ✓ Assess awareness of staff and APs about Grievance and Redress mechanism.
- ✓ Measure effectiveness of the implemented social safeguard measures.
- ✓ Define changes in the program which are required for improvement of deficiencies.
- ✓ Describe list of corrective actions and measures for solving the problems observed during the monitoring. Etc.

10. This bi-annual monitoring social monitoring report (SMR) provides the monitoring results of Program's Tranche 6 for the reporting period of July-Dec 2019.

1.2 Key Construction Works Envisaged under the Contract

11. Construction of Water Supply and Waste Water Systems in Marneuli and Construction of Waste Water System and Collector in Bolnisi (MAR-01): Mar-01 project envisages the rehabilitation and construction of reservoirs with the total capacity of 12,000M³=(2X3000+3X2000); construction of cast iron transmission pipeline with the diameter of 700 mm - 10 km and 600 mm – 4km; construction of network with Polyethylene pipes of OD 50 to OD 500. The project measures for the sewer network comprise the lying about 150 km new gravity pipes (DN 150 to DN 800) and 2.7 km new pressure pipes (OD 110 and OD 225). There will be 9 new wastewater pumping stations; 600mm to 1000 mm diameter inspection wells (concrete or polyethylene) and 400 mm diameter house connections (polyethylene). Proposed project envisages construction of sewerage system in Bolnisi which will work entirely by gravity (DN 200 and DN 250 HDPE pipes) and will be connected at 3 different points to the future DN 500 HDPE interceptor that will convey the collected sewer from Bolnisi to Marneuli WWTP.

12. Three separate IEEs were prepared for MAR-01 project: Improvement of Marneuli Water Supply System (August 2016); Improvement of Marneuli Wastewater System (August 2016); Improvement of Bolnisi Wastewater System (August 2016) and further updated and approved in January 2019 due to the finalization of the project design (please see para 3 above).

13. The contract No P43405-ICB-MAR-01 was signed on November 20, 2018 with "Akelik Group OJSC" (Azerbaijan), The date of completion of the contract is March 29, 2021.

14. Construction of Waste Water Treatment Plant in Marneuli (MAR-02). The project comprises of the construction of new Wastewater Treatment Plant in Marneuli with the capacity of 9,931 m³/day.

15. The contract No UWSCG-ICB-MAR-02-2019 was signed in October 18, 2019 with Joint venture of Toshiba Water Solutions Pvt. Ltd and IN-SI LLC (JV partner) (India/Georgia). The contract completion date is April 2021. No construction activities started as yet.

16. Construction of Water Supply System in Chiatura (CHI-01). The work under the CHI-01 project comprises the rehabilitation and construction of the water supply network, transmission pipeline and Reservoirs. In particular, Chi-01 project envisages construction of network in Chiatura and Navardzeti, construction of a transmission lines, the rehabilitation of existing reservoirs and construction of 2 new reservoirs one near the intake and one new reservoir in Bisi, construction of pumping stations and replacement of network pipelines, more detailed information is provided in chapter 31 below.

17. The contract No P43405-ICB-CHI-01 was signed on August 21, 2017 with "Akkord Industry Construction Investment Corporation" OJSC" (Azerbaijan), the original completion date 15 April 2019 was extended until the April 2020.

1.3 Social Safeguard and Land Acquisition

Land Acquisition and Resettlement Plans (LARP)

18. Two separate LARPs were elaborated for each Projects: GEO: CHI -01 Chiatura Water Supply System Construction Project and GEO: MAR-01 Construction of Marneuli Water Supply and Wastewater Systems; Construction of Bolnisi Intercepting Sewer and Wastewater System.

19. In the process of LARPs preparation during census and title search the legal status of project affected land parcels have been defined. The licensed land survey company demarcated and surveyed all project affected land parcels and issued cadaster survey maps in compliance with the legal requirement. The APs were provided with free cadaster survey maps, guided and instructed on how to apply to NAPR for updated registration. The UWSCG Resettlement Team put additional efforts to reach out to the APs with suspended registration and provided them with new and correct cadaster survey maps issued by the survey company. Significant attention and correct approach was used during determination of project affected land parcels (including portion of a land parcel subject to partial acquisition for proposed project purposes) through the demarcation of project affected land parcels. Demarcation was undertaken by a licensed company practicing in the field of land surveys. The surveyors used professional equipment and in situ identified the factual location of the boundaries of all project affected land parcels located within the ROW. The initial list of APs was double checked and data added as collected during the census and SES. Members of the household whose project affected land parcel was registered in the name of a deceased owner were provided with updated cadaster survey maps, accompanied to the NAPR and instructed on application procedures to update their titles. Most APs accepted UWCSG assistance with gratitude. Having identified all project-affected land parcels and owners thereof, the remaining surveys were undertaken: census, socio-economic survey, and detailed inventory and valuation of project-affected assets. In addition, a thorough title search was conducted for assessment of land tenure status and for determination of APs' compensation eligibility; identities of deceased or absent owners had been defined earlier. Overall, title search allowed timely detection of all procedural gaps, identified necessary legal actions and bureaucratic steps to be accomplished

prior to LARP commencement and permitted successful handling of time-consuming legal procedures.

20. LARP of GEO: CHI -01 Chiatura Water Supply System Construction Project was elaborated and disclosed in December, 2017, while GEO: MAR-01 Construction of Marneuli Water Supply and Wastewater Systems; Construction of Bolnisi Intercepting Sewer and Wastewater System was elaborated and disclosed in March, 2019.

Chiatura

21. The total project affected area is seventy-four (74) land parcels. Among these 74, only 16 project affected land parcels were subject to full acquisition (among these 16 land parcels one land parcel was acquired through the GRM). The remaining fifty-eight (58) land parcels were subject to partial acquisition with major portion of these land parcels remaining outside of the project RoW. The owners of these 58 land parcels will be able to continue agricultural activities as the remaining portion of these land parcels will still maintain economic viability.

22. The summary impact of the project is:

- a. The total number of project affected land parcels: 74/ affected area 38,581sq.m.
- b. The total of number affected households: 66 (persons: 140 persons; among them 84 male and 56 female)
- c. Physical resettlement 0:
- d. Economic Displacement: 66 AH
- e. Affected agricultural land parcels: 74 / affected area 38,581sq.m.
- f. Affected non-agricultural land parcels: 0
- g. Land parcels subject to full acquisition: 16 / 19,381sq.m.
- h. Land parcels subject to partial acquisition: 58 / 19,200sq.m.
- i. Land parcel attached with affected structure-building: 0.
- j. Land parcel attached with structure (residential and /or commercial) used by the AP: 0
- k. Land parcels with annual crops /hey: 74/38,581sq.m.
- l. Total of severely affected land parcels: 71¹
- m. Total of Vulnerable: 13 AHs.

Table 1: The summary of project affected land parcels and area of land acquisition

Scope of Impact	No of parcels	Total area (sq.m.)	Area to be acquired (sq.m.)	Area remaining with AHs (sq.m.)
Full acquisition	16	19,381	19,381	<u>0</u>
Partial acquisition	58	114,625	19,200	95,425
Total	74	134,006	38,581	95,425

¹ In total 71 land parcels will lose more than 10 % of income generating land.

23. United Water Supply Company of Georgia acquired 71 land plots that received compensation in the amount of 564225 (five hundred and sixty-four thousand two hundred and twenty-five) GEL, in accordance with the budget plan defined in the resettlement plan and GRM. The project-affected 3 land parcels are still to be purchased. The remaining 3 land parcels will be implemented immediately after the owners of the land plots will fix the issues with regard to the various existing obligations, namely:

- According to an extract from the National Agency of Public Register (LEPL), there is an existing lien on two land plots. Corresponding acquisition agreement will be signed as soon as bank credit will be covered.
- The remaining one plot have different type of legal problem. One of the co-owners is old-aged and needs a general power of attorney in order to be able to conclude an agreement on the acquisition of property.

24. Preliminary agreements have been signed with the owners of the above mentioned 3 land plots, following the fact that the company will carry out acquisition procedures according to LARP after all the problems regarding land plots will be solved. Since land ownership issues are complex and require the participation of other institutions and third parties, it is difficult to determine a specific date for the acquisition of these lands.

Marneuli (MAR-01)

25. As per final design, in order to lay Bolnisi design intercepting sewer and to erect sewage pumping station, it became necessary to transfer free of charge 1 piece of state-owned land parcel (1640 square meters) to the Company's capital and to partially acquire 14 pieces of land parcels with total area of 2165 square meters which were in the ROW.

26. The summary of impact of this project:

- a) Number of parcels: 15;
- b) Affected households: 12 (in total, 64 individuals including 37 men and 27 women);
- c) Physical resettlement: 0;
- d) Economic displacement: 12 households;
- e) Number/area of affected agricultural land: 15/3805 square meters.
- f) Number/area of lands to be transferred from the state: 1/1640 square meters.
- g) Number/area of land to be partially acquired: 14/2165 square meters.
- h) Number/area of land with annual crops: 15/13811 square meters.
- i) Permanent/temporary stoppage of business: 0;
- j) Loss of wages/salary: 0;
- k) Affected supplementary structures: fences, walls, etc.: 0;
- l) Severely affected land parcels: 12;
- m) Vulnerable household: 1.

Table 2: The summary of project affected land parcels and area of land acquisition

Scope of Impact	Nos of parcels	Total Area (sq. m)	Affected area (sq. m)	Area remaining under private possession (sq. m)	%
Partial acquisition of land parcel	14	12 171	2 165	10 006	17,8
Free of charge transfer of parcel from the State	1	1 640	1 640	0	100
Total	15	13 811	3 805	10 006	27.5

27. Overall, the APs with the "orphan land", meaning that remaining piece of land which is a result of partial land take has lost previous designation and became economically unviable will be eligible to claim full cash compensation for the entire area of such land parcels.

28. It should be noted that there are no residential dwellings or other types of buildings/structures on the project affected land parcels. Therefore, there will be no physical resettlement of affected households, i.e. they will not have to change their residence. All affected land parcels are exclusively used for producing agricultural products and cultivating crops.

29. The process of land acquisition has been initiated and registration of unregistered land parcels and negotiation with landowners is ongoing. The acquisition process will start in second quarter of 2020.

Marneuli (MAR-02)

30. As a result of the review of available documents, plans and references it can be concluded that for construction of the WWTP no private land or property is to be affected under MAR-02 sub-project. Therefore, there is no involuntary resettlement involved in this subproject. It should be noted, that until 2016, the proposed territory for the construction of WWTP in Marneuli belonged to the state, and since 2016 it is property of the UWSCG, therefore there is no social impact on this territory.

31. No private land or household will be affected and need not to be acquired for the construction of the Project. There is also no population cultivating the proposed land for construction of Reservoir and water supply and sewage network.

32. Since no displacement will be there of the affected population so the livelihood issues will not be involved in this project.

1.4 Physical Progress of the Project Activities

Chiatura

33. Timeline: Commencement Date for the Works Contract was 23 October 2017. The Time for Completion was 540 days, with completion due by 15 April 2019. However, in view of delays suffered by the Contractor due to his inability to construct the new Bisi Reservoir according to the given detailed design – given that the original design contained a conflict with an existing deep box culvert, an extension of the Time for Completion of 240 days has been given under claim No 3, which would take the Completion Date to 21 December 2019.

34. Further new work for laying water supply network in Giorgadze and Mgvimevi streets were assigned to contractor by UWSCG as per drawing & design of UWSCG. Engineer vide Site Instructions SI 006 Dated 18 September 2019 asked the contractor to undertake the work. Contractor vide variation 2 claimed time extension of 112 days. However, the time was extended by 101 days, modifying completion date to 31 March 2020 as per contract amendment 2 signed by employer & contractor.

35. Accordingly, the Defects Notification Period (DNP) of 365 days, ends on 30 March 2021.

36. Works included in Project: The Project includes following works:

- Rehabilitation of the existing water supply system by replacing old pipework;
- Connection of the new pipes to the existing pipes;
- Rehabilitation of the reservoirs Bisi (1,500 m³), Memorial (1,000 m³), Lezhubani (3,000 m³), Rustaveli (350 m³), Perevisi (50 m³) and Tekhisa (1,000 m³)
- Construction of two new reservoirs – one in Sachkhere and another one alongside the existing Bisi reservoir
- Rehabilitation of PSs – one in Lezhubani (170 m³/h) and two in Perevisi (105 m³/h)
- Construction of new transmission lines to the reservoirs: Sachkhere – Bisi and Perevisi – Tekhisa (with the exception of the one going from Central Pumping Station (CPS) to Perevisi reservoir)
- New water supply bore wells 7 nos. near the neighbouring town of Sachkhere
- Rehabilitation and rearrangement of CPS

Physical Progress: The work of transmission lines has been completed.

37. In distribution system work of pipe laying started in newly added areas of Giorgadze and Mgvimevi streets. The distribution system in other areas is almost complete. In all Pipeline has been laid 94.223 m which is about 103% of BOQ quantity. Most of network has been tested. Flushing works has been started at Perevisa area.

38. 5545 house connection have been made in Navardzeti and Chiatura. Single house and apartment building connections (existing network still in operation) are completed at Perevisa area. Connection work in apartments has also started which were facing earlier problem of public resistance.

- Construction of hydraulic chambers, including PRV chambers, air valve chambers and washout chambers has continued with 53% completion.

- Concreting works for Main Pump House, Bisi reservoir, Sachkhere reservoir are completed. Sachkhere reservoir has been filled with water.
- At Sachkhere Wellfield, well drilling, graveling works, well development & pump tests for 7 nos. of wells are completed.
- Asphalt reinstatement works has started and reached 74%.
- River crossing work at Manganese factory has been completed.

Table 3: Physical progress of the project activities

Pipeline	Unit	Quantity (BoQ)	Up to Sept 2019	In Oct Nov & Dec	Cumulative to date	Progress		
Main Transmission Line	m	15.858	15.812	193	16.005	100,9		
Distribution Network	m	66.470	64.337	3518	67.855	102,1		
DN355 Bisi-CPS Transmission	m	745	682	18	700	94		
DN160 CPS-Lezhubani	m	2.165	2.180	0	2.180	100,7		
DN160 CPS-Perevisi	m	1.237	1.800	0	1.800	145,5		
DN225 CPS-Rustaveli	m	1.300	1.264	0	1.264	97,2		
DN225 Lezhubani Res to PS	m	292	341	0	341	116,8		
Q200 ST Lezhubani PS - Memorial Res	m	1.645	1.998	27	2.025	123,1		
Q100 ST Perevisi PS - Tekhisa Res	m	1.710	2.039	14	2.053	120,1		
DN160 Memorial-Navardzeti	m	1.560	1.470	0	1.470	94,2		
Total Laid Pipe	m	91.422	91.923	3.770	94.223	103,06		
House Connection	n	7.700	2.595	2.950	5.545	72%		
Crossings	n	10	6	3	9	90%		
Hydraulic Chambers	m3	1.219	493,52	155,88	649,4	53%		
Hydrants	n	228	0	196	196	86%		
Reinstatement of Asphalt	m2	34.300	12.720	12.528	25.248	74%		
Reinstatement of Concrete Pavement	m2	4.600	0	0	0	0%		
Progress	Cumulative up to Sept 2019				Cumulative up to December 2019			
Structures	Civil	Mech	Elec	SCADA	Civil	Mech	Elec	SCADA

Wellfield	81%	-	-	-	88%	35%		
Sachkhere Reservoir	91%	-	-	-	91%	80%		
Bisi - New Reservoir	65%	-	-	-	90%	65%		
Bisi - Old Reservoir	-	-	-	-	-	-		
CPS	1%	-	-	-	80%	-		
Lezhubani Reservoir	80%	-	-	-	90%	25%		
Perevisi Reservoir	-	-	-	-	10%	-		
Rustaveli Reservoir	-	-	-	-	10%	-		
Tekhisa Reservoir	2%	-	-	-	85%	-		
Memorial Reservoir	17%	-	-	-	85%	-		
Perevisi PS	-	-	-	-	45%	-		
Lezhubani PS	-	-	-	-	-	15%		
Memorial PS	-	-	-	-	35%	-		

Marneuli (MAR-01)

39. Setting up of the Contractor's camp and yard, Site offices, stores, workshops, etc. have been completed. The Contractor has completed transfer of benchmarks, setting out and taking of original ground levels, with both the Engineer and UWSCG's surveyors.

40. Work commenced at Jandari Reservoir on 25 March 2019, with pipe works to bypass the existing reservoir and take it out of service ahead of demolition. The foundation raft & vertical walls of reservoir have been completed up to Dec 2019 & whole works will be completed by March 2020.

41. Foundation concrete works are completed in Kolagiri Pumping Station. The vertical walls are also done. Steel truss will be completed by April 2020.

42. The DCI transmission pipe line from Kolagiri to city reservoir & city reservoir to Jandhari will be started in April as at present pipe procurement process is going on.

43. Water Supply Piping Work started at Zone 1 (14, June 2019) because there is no sewer line in this Zone and continued to Zone 5 and Zone 3 (without sewer lines parts). and Jandari Reservoir during the reporting period. Q2 Sewer line started (DN 300) end of September.

44. Construction Drawings/Shop Drawings, for pipe laying for Zone 4-5 Water Supply Network, sewer lines for Zone 4 & 5 approved by the Engineer. Zone 2 Sewer Network Q2 line were completed- partly.

The water supply & sewer network laid up to Dec 2019 are as follows.

Table 4: Water pipe line required and laid up to December 2019

Zone wist water pipe line required & laid up to December 2019

No	Pipe PE 100, PN 16, SDR 11	Unit	Requirement of Zone 1	Zone 1 Excetuted Pipe Line	Requirement of Zone 2	Zone 2 Excetuted Pipe Line	Requirement of Zone 3	Zone 3 Excetuted Pipe Line	Requirement of Zone 4	Zone 4 Excetuted Pipe Line
1	50 mm	m	89.30	98.63	147.50		394.50	344.33	1,321.10	-
2	63 mm	m	1,565.46	1,562.04	1,347.40		2,228.84	1,600.84	9,090.55	331.34
3	75 mm	m	6,159.04	6,460.83	8,977.07		3,224.54	6,741.36	3,547.22	88.10
4	90 mm	m	783.56	649.16	2,028.00		456.90	114.52	1,528.20	
5	110 mm	m	22,142.08	25,660.28	10,046.90		9,887.44	4,629.82	17,354.60	1,568.18
6	125 mm	m	817.60	325.73	780.60		-		592.40	-
7	140 mm	m	156.80	124.64	-		-		306.20	-
8	160 mm	m	239.20	239.51	503.40		-		-	-
9	180 mm	m	-		-		641.95		917.40	-
10	200 mm	m	1,337.10	925.93	-		-		810.70	-
11	225 mm	m	-		-		-		263.30	-
12	250 mm	m	1,994.30	1,931.79	-		-		-	-
13	280 mm	m	-		-		-		-	-
14	315 mm	m	856.60	840.94	980.80	1,036.74	-		7.00	-
15	355 mm	m	-	-	-		-		-	-
16	500 mm	m	-	-	-	-	1,945.90		-	-
TOTAL			36,141.04	38,819.48	24,811.67	1,036.74	18,780.07	13,430.87	35,738.67	1,987.62

Zone wise water pipe line required & laid up to December 2019

No	Pipe PE 100, PN 16, SDR 11	Unit	Requirement of Zone 5	Zone 5 Excetuted Pipe Line	Requirement of Zone 6	Zone 6 Excetuted Pipe Line	TOTAL	Total Excetuted Pipe Line
1	50 mm	m	816.70	295.76	105.35		2,874.45	738.72
2	63 mm	m	4,301.20	5,775.43	1,245.30		19,778.75	9,269.65
3	75 mm	m	3,767.40	841.36	5,696.10	555.39	31,371.37	14,687.04
4	90 mm	m	1,691.80	316.67	2,949.90	1,026.20	9,438.36	2,106.55
5	110 mm	m	18,439.20	7,458.49	12,750.45	4,150.43	90,620.67	43,467.20
6	125 mm	m	738.70	148.20	926.05	513.42	3,855.35	987.35
7	140 mm	m	374.20		-		837.20	124.64
8	160 mm	m	-	281.83	1,665.60		2,408.20	521.34
9	180 mm	m	227.00	179.31	277.90		2,064.25	179.31
10	200 mm	m	-		-	1,525.05	2,147.80	2,450.98
11	225 mm	m	670.80	330.88	-		934.10	330.88
12	250 mm	m	977.60		1,741.00		4,712.90	1,931.79
13	280 mm	m	277.80		-		277.80	-
14	315 mm	m	516.50	-	1,616.50	1,342.57	3,977.40	3,220.25
15	355 mm	m	-	-	276.90		276.90	-
16	500 mm	m	-	-	610.80		2,556.70	-
TOTAL			32,798.90		29,861.85	9,113.06	1,78,132.20	80,015.70

Zone wise Sewer required & laid up to Dec 2019

No	Particulars	Unit	Requirement of Zone 2	Zone 2 Excetuted Pipe Line	Requirement of Zone 3	Zone 3 Excetuted Pipe Line	Requirement of Zone 4	Zone 4 Excetuted Pipe Line	Requirement of Zone 5	Zone 5 Excetuted Pipe Line
1	Corruqated HDPE Pipes DN 200	m	23,809.00		11,142.00		25,135.00		23,651.00	7,139.48
2	Corruqated HDPE Pipes DN 300	m	5,563.00	2,817.71					432.00	
3	Corruqated HDPE Pipes DN 400	m	385.00				1,569.00		327.00	
4	Corruqated HDPE Pipes DN 500	m	1,355.00							
5	Corruqated HDPE Pipes DN 800	m	957.00							
6	110 PN16 mm, SDR 11	m	515.00						148.00	
7	225 PN16 mm, SDR 11	m							1,660.00	
8	315 PN16 mm, SDR 11	m								
TOTAL			32,584.00	2,817.71	11,142.00	-	26,704.00	-	26,218.00	7,139.48

Sewer required & laid up to Dec 2019

No	Particulars	Unit	Requirement of Zone 6	Zone 6 Executed Pipe Line	Bolnisi Reqd	Bolnisi Executed Pipe Line	Marneuli-Bolnisi Intercepting	Intersecting Executed Pipe Line	Total Reqd	Total Executed Pipe Line
1	Corruqated HDPE Pipes DN 200	m	27,442.00		26,892.50	195.56			1,38,071.50	7,335.04
2	Corruqated HDPE Pipes DN 300	m	1,061.00				3,927.00		10,983.00	2,817.71
3	Corruqated HDPE Pipes DN 400	m	903.00				21,811.00	2,144.91	24,995.00	2,144.91
4	Corruqated HDPE Pipes DN 500	m	1,014.00						2,369.00	-
5	Corruqated HDPE Pipes DN 800	m							957.00	-
6	110 PN16 mm, SDR 11	m	480.00						1,143.00	-
7	225 PN16 mm, SDR 11	m							1,660.00	-
8	315 PN16 mm, SDR 11	m					2,530.00		2,530.00	-
TOTAL			30,900.00	-	26,892.50	195.56	28,268.00	2,144.91	1,82,708.50	12,297.66

2. GRIEVANCE REDRESS MECHANISM

45. UWSCG has functioning GRC and mechanism for grievance redress established under the UWSCG Order No 196, dated October 30, 2018 (please see AppendixNo1) developed in compliance with the Article 8, paragraph 7 of the UWSCG Charter. Grievance Redress Commission (GRC) is established, fully functioning and provided with required administrative support by Project Implementing Units (PIU) through the entire project circle. The role and responsibility of the GRC is to accept claims and complaints, assess its validity, determine the scope of eventual impacts, and timely resolve the issue, including the claims regarding the compensation and maintain grievance redress mechanism as flexible and efficient mechanism to address and resolve the claims as raised during project planning and implementation period, composition of GRC with identification of its positions is provided in Appendix 1. UWSCG has established a three-phased (three-tiered) Grievance Redress Mechanism to be applied during processing the grievances submitted by project affected persons during the implementation for ADB funded projects.

1st phase: at the first phase of grievance redress, an authorized representative of Customers Relations Division/Customers Service Office of Regional Branch/Service Center of United Water Supply Company of Georgia, LLC, is to familiarize him/herself with the content of the complaint, register the complaint by Form adopted by Appendix 1 to Order N196 and submit it to GRC, which will review the submitted complaint within two weeks' time.

2nd Phase: in case the complaint is not resolved at the 1st Phase in two weeks' time, an interested party can address Commission established under Clause 5 of Order N196.

3rd Phase: An interested person is eligible to apply to ADB Resident Mission, in case the GRC fails to resolve problem raised in the complaint and grievance still remains unresolved after two-week time period since its official submission.

46. Temporary offices located at the construction sites keep the Grievance Log to allow aggrieved person file the claim right on spot.

47. Contact Details (telephone numbers and full names of persons in charge) and the daily hours for receiving phone calls of (Affected Person) APs and any interested person is included in the Information Leaflet and also displayed on Public Information Boards in the Local Service Centers and Municipalities within project affected area.

Chiatura

48. During the reporting period 8 complaints were registered. The complaints were registered in Complaint Log according to approved procedures and solved at the First Phase of grievance and redress mechanism.

49. Grievance registration and record keeping procedures are responsibility of Giorgi Chigaldze, social officer of Contraction Contractor. He initiates investigation process together with site engineers.

50. The team of investigators of the grievance is headed by the Engineer of Supervision Company, Kakha Kharebava (mobile: 599657575). If the issue cannot be solved at the site, social safeguard expert of the Supervision company, Ketevan Chubabria (mobile: 599986697) steps in a process and starts the procedures defined by GRC.

Table 5: Registered complaints during the reporting period

1	Date Received	Name of Investigator	Complaints	Executed Action	Justified/Upheld Yes/No	Actions Completed Yes/No
2	02.07.2019	Giorgi Chigladze	Electricity wire is damaged	Wire recovered	Yes	Yes
3	23.07.2019	Giorgi Chigladze	The person has got 30-meter-long fence near the road works in Chiatura. The ground was dropped on this fence due to those road works. Besides, tractor rubbed at this fence and for those reasons the fence is damaged and needs to be recovered as it is bent and water flows in the yard during rains.	Fence recovered	Yes	Yes
4	09.09.2019	Giorgi Chigladze	Pipe was laid till the single house from wrong side and needs to be laid from the right side.	Pipe was removed and put in right direction	Yes	Yes
5	05.11.2019	Giorgi Chigladze	There is pit in front of house wall. That pit is backfilled improperly. Water and dirt flows into house during rains.	The pit was cleaned	Yes	Yes

1	Date Received	Name of Investigator	Complaints	Executed Action	Justified/Upheld Yes/No	Actions Completed Yes/No
6	13.11.2019	Giorgi Chigladze	There is a place that was dug for chamber by mistake. Then contractor backfilled it improperly. After when rain came, the owner's private soil (4 cubic meter) was washed. Owner insists to be compensated.	Negotiated between land owner and Contractor	Yes	Yes
7	16.12.2019	Giorgi Chigladze	Citizen had road to the house, that was dug by Akkord and citizen has no ability to enter his property with car to provide with firewood for winter. Also house connection works are not held properly as the connection is 8 meters away from the connection point that customer asks to be connected. He demands to reinstate the road as it was before and more profitable execution of house connection works.	The road was reinstated and pipe connection repaired	Yes	Yes
8	20.12.2019	Giorgi Chigladze	There is an abandoned trench on Gagarini street. Road need to be reinstated.	The road is reinstated	Yes	Yes

51. During the period female employees of contractor made a complaint to contractor about one of the supervisors. Our social expert talked the persons who made complaint & engineer asked contractor to investigate the matter. The contractor informed that the supervisor has been removed from the site.

Marneuli

52. During the reporting period only one complaint was registered at Camp office of Construction Contractor. The complaints was register in Complaint Log according to approved procedures and solved at the First Phase of grievance and redress mechanism.

53. Grievance registration, record keeping and investigation process are responsibilities of Site Engineer of Contraction Contractor, Vakhtang Birchuladze.

54. The team of investigators of the grievance is headed by the social safeguard expert of the Supervision company, Ketevan Chubabria (mobile: 599986697).



SETTLEMENTS COMPLAINTS REGISTER

Complaint Number	Date received	Name of Investigator	Complaint	Executed actions	Justified/ Upheld (Yes or No)	Actions Completed (Yes or No)	Closed Out (Date & Initials)
1	12.11.2019	V.Burchuladze	On the Mameuli network opened trenches wasn't backfilled on schedule which made an obstacle for passing the road.	Arrangement of temporal pedestriars bridges and backfilling	Yes	Yes	13.11.2019
2							
3							
4							
5							
6							
7							
8							
9							
10							

Signed by Const ruction Manager/Deputy of PM V. Burchuladze

Fig.1: Settlements Complaints Register

2.1 Consultation, Participation and Disclosure

Chiatura

55. During the reporting period one public meeting took place in Chiatura City Hall under CHI-01 sub-project.

56. The meeting was interactive, APs actively participated in and asked lot of questions and raised issues of their concern. The mains concerns were related to installation of meters in the buildings and arrangement of pipe networks inside the apartments. The main questions raised are:

- How the installation works will be administrated and managed inside the apartment?
- How many connections will be arranged in the apartments?
- Is it possible not to install meters and continue paying for water usage a set fee per person? etc.

57. Clarification were provided to the raised questions. Details are given in the table 6 below and Minutes of Meetings (MoM) is attached in Appendix 2.

Table 6: List of public meetings during the reporting period under CHI-01 sub-project

N	Date	Location	Lead	Attendees	Man/woman	Target Audience	Topics Discussed
1	October 8, 2019	City Hall of Chiatura	UWSCG, Engineer, Head of Municipality, APs	20	15/5	Population of Chiatura, APs	Discussion of installation of meters in the apartments

Marneuli (MAR-02)

58. On September 26, 2019, in the village of Sabirkendi, Marneuli municipality, UWSCG held a public meeting within the framework of the Marneuli Wastewater Treatment Plant (MAR-02) sub-project.

59. The public meeting was attended by representatives of the United Water Company of Georgia, the Mayor of Marneuli Municipality and residents living in the immediate vicinity of the WWTP construction site. Minutes of the Meeting, a signed list of participants and photos of the meetings are presented in the Appendix 3, Appendix 4 and Appendix 5 of this report.

60. During the meeting construction works to be carried out as part of MAR-02 subproject were introduced to the participants, the process for operating WWTP and the importance of the project in terms of improving the environmental status and living conditions of the population were also discussed. It should be noted also that during the meeting local participants were informed that no resettlement is envisaged under the MAR-02 sub-project, as the construction site is owned by UWSCG and it is not used by local population for agricultural or non-agricultural purposes.

61. List of public meetings during the reporting period under MAR-02 sub-project is presented in table 7 below.

Table 7: List of public meetings during the reporting period under MAR-02 sub-project

N	Date	Location	Lead	Attendees	Target Audience	Topics Discussed	Meeting Outcome
1	July 19, 2019	Marneuli municipality	UWSCG, PIU	34	Population of Bolnisi and Marneuli cities	Scope and objectives of the projects; Impacts of the WWTP construction in both cities	Introducing the project to the local population

2	September 26, 2019	Marneuli Municipality; village Sabirkendi	UWSCG, PIU; Marneuli Municipality representatives	20	Village Sabirkendi population	Scope and objectives of the projects; Construction process of the WWTP.	Informing the citizens of village Sabirkendi about the upcoming civil works.
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2.2 Changes in the project scope and adjusted safeguard measures

Chiatura

62. During the reporting period there was no need to change scope of work for implementation of additional safeguard measures.

Marneuli (MAR-01)

63. On 12th of November, 2019 local office of Construction Contractor received complaints from the Marneuli residents that due to the delays of trench backfilling activities, crossing the road was impeded and created dangerous condition. Contractor arranged temporary pedestrian bridges.

2.3 Scope and Monitoring Requirements

2.3.1 Scope of the Monitoring

64. The scope of the monitoring includes:

- ✓ Review the grievance logs at Construction Contractors office and status of registered complaints;
- ✓ Review the grievance log at regional office of UWSCG and status of registered complains.
- ✓ Interviewing APs on effectiveness of social safeguard measures and grievance mechanism;
- ✓ Review a number of unregistered requests from APs and steps of cooperation made by Construction Contractor;
- ✓ Inspect environmental, health and safety and social performance of Construction Contractor;
- ✓ ²Review the trust of APs in the Construction Contractor;
- ✓ Review the measures implemented for grievance and redress awareness raising among stakeholders;
- ✓ Review the actions implemented for social safeguard;
- ✓ Identify the measures required for implementation of Grievance and Redress Mechanism and Social Safeguard programme.
- ✓ Inspection status of LARPs implementation

² This was done through systematic meetings and communication with local population

65. The above multilayer procedures are divided between several responsible parties. Construction Manager of Construction Contractor is responsible for periodic monitoring of grievance registration and record keeping practice. Engineer of Construction Contractor tries to ensure to solve the issue onsite and monitor its implementation. He is also responsible for communication of planned activities with APs at least 2 days prior an entering asite.

66. Engineer of Supervision Company monitors implementation of actions assigned for remedy of grievances. He also communicates with residents and identifies their concerns and attitudes toward the Project.

67. Social Safeguard Expert of Supervision Company conducts regular monitoring off all above listed steps. During the site visits she interviews local residents on random bases and asks them about their satisfactions or concerns related to the Project. She reviews the status of grievances, number of closed and opened cases, identifies reason of pending issues and plans corresponding measures. She arranges activities raising the Project awareness of residents. Representatives of local representatives of UWSCG have intensive communication with APs and are well informed on their concerns and issues. They time to time request for updates of grievanceand redress procedures and activities. During the weekly Construction Meetings, all parties review the status of grievances. Discuss new complaints and identifythecorresponding measures.

68. LARPs implementation process is obligation of UWSCG Resettlement Team and the process is almost finalized, Social safeguard Specialists of Engineer and Construction Contractor communicate with UWSCG Resettlement Team and checks the status of LARPs implementation in order to avoid complications with APs.

69. Monitoring activities covers inspection of occupational health and safety conditions of the workers at construction and camp sites. The conditions are checked, first if all, by HS staff of the Engineer and Social Safeguard Expert of the Engineer. The results of the monitoring are communicated with relevant personnel of Construction Contractor and measures are taken accordingly.

2.4 Methodology of Monitoring

70. The approach and methodology of monitoring includes:

- ✓ Desk review of data and compliance with legally binding requirements;
- ✓ Daily inspection of Environmental, Health and Safety performance of construction activities by HSE staff of the Engineer;
- ✓ Weekly inspection of social activities by Social expert of the Engineer;
- ✓ Interviewing complainers;
- ✓ Planned and random interview of APs, workers and other stakeholders;
- ✓ Inspection of status of close-out activities of the previous monitoring;
- ✓ Analyzing the information received from the inspections and the interviews;
- ✓ Planning corrective actions and assigning to appropriate personnel.

Key performance indicators of the monitoring are:

Chiatura

71. **The percentage of registered and closed complaints (100% of complaints shall be registered; 100% shall be reviewed and investigated; more than 90% of complaints shall be closed).**

72. During the reporting period 8 complaint were registered (see the table 1 above) and solved at the First Phase of Grievance and Redress Procedure. **The percentage of issues requested from APs to be implemented by Construction Contractor (More than 60% of requests shall be implemented).**

73. During implementation of construction activities residents regularly ask Construction Contractor to help them and implement certain activities. E.g. arrange accesses to residential houses, arrange secondary roads, gravel public gathering areas etc. Construction Contractor voluntary helps local communities. **The percentage of construction staff informed on Code of Conduct of the company and trained on their rights and obligations (100% of staff shall be covered).**

74. The interview of the construction staff revealed that all of them are aware on their right and obligations. **The number of job-related trainings and awareness raising trainings**

75. During the reporting period there was no need identified for job related training. Daily HSE induction takes place at construction site.

Marneuli

76. **The percentage of registered and closed complaints (100% of complaints shall be registered; 100% shall be reviewed and investigated; more than 90% of complaints shall be closed).**

77. During the reporting period only one complaint was registered (see the table 1 above) and solved at the First Phase of Grievance and Redress Procedure. **The percentage of issues requested from APs to be implemented by Construction Contractor (More than 60% of requests shall be implemented).**

78. During implementation of construction activities local residents regularly ask Construction Contractor to help them and implement certain activities. E.g. arrange accesses to residential houses, arrange secondary roads, gravel public gathering areas etc. Construction Contractor voluntary helps local communities. **The percentage of construction staff informed on Code of Conduct of the company and trained on their rights and obligations (100% of staff shall be covered).**

79. The interview of the construction staff revealed that all of them are aware on their right and obligations. **The number of job-related trainings and awareness raising trainings.**

80. During the reporting period there was no need identified for job related training. Daily HSE induction takes place at construction site.

2.5 Limitations during the Monitoring

81. Limitation of the monitoring program implemented during the reporting period was lack of distribution of monitoring plan within stakeholders. It should be noted that the social expert of the Engineer was replaced and familiarization with the project requirements of the new expert took some time. A new Social safeguard specialist of engineer joined the team in September, 2019. There were couple of month without social safeguard specialist on board but fortunately, no significant social cases were identified during that period of time. The social processes were managed by resident engineers at all times.

3. INSTITUTIONAL ARRANGEMENTS FOR IMPLEMENTING THE MONITORING PROGRAM/PLAN

82. The authorized bodies for implementation of social safeguard and grievance and redress audit program are representatives of UWSCG; Senior Management and Social Expert of the Engineer.

83. Each site has the personnel who are in charge of implementation monitoring program and plan. Those people are:

- Narendra Singh Shekhawat - Team Leader of the Supervision Company. He is responsible for monitoring of overall Project activities, including monitoring of Project related social issues.
- ReficAsfar – Resident Engineer of Supervision Company at Marneuli site. He monitors performance of staff under his supervision who are responsible for social issues.
- Andre Gaio - Resident Engineer of Supervision Company at Chiatura site. He monitors performance of staff under his supervision who are responsible for social issues.
- KakhaKharebava – Engineer of the Supervision Company in Chiatura. His primary obligation is the first response to the grievance and monitoring first actions of Construction Contractor.
- Kety Chubabria – Social Safeguard Expert of Supervision Company. She monitors all activities listed in paragraph 2.3.1

4. CONCLUSIONS

84. Monitoring results concluded that the system works effectively, no modifications are required.

85. Due to its multi-component composition, the Project might face sensitive social issues and risks. All recognized social issues and risks are captured at initial stage of the Project. Social safeguard issues related with construction activities are prevented with measures defined in H&S plan and Environmental Management Plan; issues related with workers condition and

employment are regulated with the Contract requirements, Code of Conduct. All the mentioned documents are elaborated according to local legislation and ADB standards.

86. During the reporting period no issues related to social safeguard associated risks were identified.

87. Semiannual monitoring results showed compliance with ADB social safeguard standards and national legislations.

APPENDIX 1: UWSGC's Order #196, on Grievance Redress Mechanism, 30 October 2018



შპს „საქართველოს გაერთიანებული წყალმომარაგების კომპანია“
UNITED WATER SUPPLY COMPANY OF GEORGIA LLC

ბ რ ძ ა ნ ე ბ ა N 196

თბილისი

30/10/2018

United Water Supply Company of Georgia, LLC

Order #196

Tbilisi

On Grievance Redress Mechanism under projects financed by the Asian Development Bank at United Water Supply Company of Georgia, LLC

In accordance with Safeguard Policy Statement developed by the Asian Development Bank in 2009 and Point 8 of Article 8 of the Articles of Association of United Water Supply Company of Georgia, LLC, I hereby

Decree:

1. Three-stage Grievance Redress Mechanism be approved to redress grievances submitted by project affected people (hereinafter the individual concerned) during the implementation of projects financed by the Asian Development Bank.

2. At first stage of grievance redress, an authorized representative of Customers Relations Division/Customers Service Office of local Service Center/Regional Branch of United Water Supply Company of Georgia, LLC, be obliged to familiarize himself/herself with the content of the complaint, to register the complaint in the form approved by Annex #1 of this Order and to submit it to Grievance Redress Committee (hereinafter the Committee), which will consider the submitted complaint within the two weeks period.

3. The Committee envisaged by the Point 2 of the Order be approved with the following composition:

a) Head (Regional Branch Manager/Service Center Director) of respective territorial unit of United Water Supply Company of Georgia, LLC – Committee Chairman;

b) Representative of Projects Management Department of United Water Supply Company of Georgia, LLC – Committee Member;

c) Representative of Environmental Protection and Permits Department of United Water Supply company of Georgia, LLC – Committee Member;

d) Representative of construction company implementing project/subproject – Committee Member;

e) Representative of supervision company of project/subproject – Committee Member;

f) Representative/Commissioner of the respective municipality – Committee Member;

g) Environmental Specialist of the Asian Development Bank Program – Committee Member;

h) Representative of respective territorial unit of United Water Supply Company of Georgia, LLC – Committee Secretary.

4. In case the problem raised in the complaint is not solved within the two weeks periods at the first stage of grievance redress, the individual concern can

APPENDIX 2: Minutes of Meeting under CHI-01 sub-project, 10 August 2019

Minutes of Meeting

Project: Construction of Chiatura Water Supply System

Subject: Discussion of installation of meters in the apartments

Date-Time: 2019/10/08 12:00 – 14:00 p.m.

Location: City Hall of Chiatura

Issued: 2019/10/08 by Ketevan Chubabria

Attendance:

Chiatura City Givi Modebadze – City Mayor Teimuraz Chumburidze –
Roin Kusiani – Representative of representative of local government
Revenue services Heads of the Tolstoi Street Buildings
Representatives of Local UWSC

Construction Company: Arif Cagatay Karabuga – Akkord
Georgia, Project Manager

Supervision Company: Narendra Singh Shekhawat – Ketevan Chubabria – Social Expert
Team Leader
Andre Gaio – Resident Engineer;

No.	Item Description
1.	<p>City Mayor opened the meeting, he highlighted importance of the Project to the representative of local residents. He also mentioned that Construction Contractor has a low trust within local population as contractor used not to keep the promises but Contractor started improving the attitude and pay more attention to the concerns raised by locals.</p> <p>Engineer explained the main reason of the meeting and talked on issue related with installation of meters in the apartments. Engineer mentioned that Construction Contractor will conclude individual contracts with flat owners and take commitments to repair the damages similar to as before condition within 2 days.</p> <p>The representatives of local community showed high resistance against the installation of the meters, the reasons are listed below:</p> <ul style="list-style-type: none">- Currently there are two or three risers in the apartments but the project offers one riser and distribution pipe network inside the apartments, local residents are afraid that damage will be too much and they also doubt about durability of pipes and condensation which in long term will cause moisture and damage the

	<p>area where the pipes will run.</p> <ul style="list-style-type: none">- In order to reach apartments the water supply system will run through the entrances and porches of the buildings, the residents state that the pipe network destroys the view inside the building.- Presently fee for water usage is fixed amount per person, while metering system introduces payment fixed fee per used water quantity, residents are against it and want to maintain the current system of payment.- Residents requested from the contractor to hire local personal for conduction of construction activities inside the apartments, they say that it will simplify the communication. <p>After the discussions the following decisions were made:</p> <ul style="list-style-type: none">- Contractor has started looking for Georgian sub-contractor for meter installation work;- In order to dispel doubts experimental show case of installation of meters will be done at Tolstoi building 1. The work will be commenced as soon as Georgian sub-contractor is hired.- For advertisement of the Project and rising and an awareness of residents the site visit to the Project area was planned. The Mayor of the City and other officials will attend the visit, local media will be invited and already implemented activities will be highlighted. The date of the visit will be set by Contractor and Engineer.
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Minutes are issued in Electronic form to all the participants.

If no objection is received to the compiled minutes within seven (7) days, the minutes will be taken as a true and correct transcript of events

APPENDIX 3: Minutes of Meeting Under MAR-02 sub-project, 16 September 2019

Construction of the Wastewater Treatment Plant in Marneuli (MAR-02)

Village of Sabirkandi

Public Meeting

Minutes of the Meeting

Date: September 26, 2019

On September 26, 2019, in the village of Sabirkendi, Marneuli municipality, as part of the ADB-funded Urban Services Improvement Investment Program (USIIP), Georgia United Water Supply Company (UWSCG), LLC held a public meeting within the framework of the Marneuli Wastewater Treatment Plant (MAR-02) sub-project.

The public meeting was attended by representatives of the United Water Company of Georgia, the mayor of Marneuli municipality and residents living in the immediate vicinity of the WWTP construction site, a signed list of participants and photos of the meetings are also presented in this Minutes of the Meeting.

Participants from the UWSCG are presented below:

Zaza Sikharulidze - Deputy Director in Technical Issues of United Water Supply Company of Georgia;

Maka Goderdzishvili - Head of Department of Environment Protection and Permits of United Water Supply Company of Georgia;

Lisa Chovelidze - Chief Specialist, Department of Environment Protection and Permits, United Water Supply Company of Georgia;

Nikoloz Vasadze - Manager of Kvemo Kartli Regional Branch of United Water Supply Company of Georgia;

Ketevan Chomakhidze - USIIP Program Environmental Specialist;

The meeting was opened by the deputy director of UWSCG, Mr. Zaza Sikharulidze, who presented the agenda to meeting participants and noted that the proposed project is in the design stage, and the final project will be presented to the local population before starting any construction works.

USIIP Environmental Specialist, presented the audience "Construction work to be carried out as part of subproject MAR-02, the process for operating WWTP and the importance of the project in terms of improving the environmental status and living conditions of the population. Resettlement issues were discussed during the meeting, it was mentioned that no resettlement is envisaged under the MAR-02 sub-project. As the construction site is owned by UWSCG it is not used by local population for agricultural or non-agricultural purposes as well.

After the presentation, a discussion was held between the representatives of the company and the local population attending the public meeting positively assessed the implementation of the project,

In order to avoid further uncertainty, the participants were presented with a site plan of the construction area.

Meeting attendees were also informed, that due to a lack of sewage network and a wastewater treatment plant, the river Algeti, which the local population uses for irrigation, cause discharging of untreated wastewater, which in turn endangers both ecosystems and human health and the implementation of the project is the only solution to this problem.

Further, a public meeting was continued in the project area intended for the construction of WWTP to ensure that there are no resettlement problems on site.

APPENDIX 4: *Photos of meeting*



APPENDIX 5: Signed list of Participants

ქ. მარნეულში ჩამდინარე წყლების გამწმენდი ნაგებობის მშენებლობის პროექტი (MAR-02)
 მარნეულის მუნიციპალიტეტი, სოფელი საბირკენდი
 შპს „საქართველოს გაერთიანებული წყალმომარაგების კომპანია“
 საჯარო განხილვა

Construction of Waste Water Treatment Plant in Marneuli (MAR-02)
 „United Water Supply Company of Georgia“ LLC
 Marneuli Municipality, Village Sabirkendi
 Public Consultations

Осуществление Проекта Строительства Системы Очистки Сточных Вод (MAR-02)
 ООО Обьединенной Компанией Водоснабжения Грузии
 В село Сабиркент, муниципалитет Марнеули
 Общественные Консультации

26 სექტემბერი 2019

სახელი, გვარი Name Имя, фамилия	ორგანიზაცია Organization Организация	საკონტაქტო ინფორმაცია Contact information Контактная Информация	ხელმოწერა Signature Подпись
ჯაფარიძე არიფ	ს. საბირკენდ ვ. მარნეული	555-73-09-90	
ფიქვიძე რამი	ს. საბირკენდ ვ. მარნეული	555-933303	
ბედიანიძე ნოფრა	ს. საბირკენდ ვ. მარნეული	558-65-83-10	
ჯასაიძე რაქარა	ს. საბირკენდ ვ. მარნეული	593 91-11-64	

Иسمى، گۇمبىسى Name Имя, фамилия	تۇرۇشلۇق Organization Организация	تېلېفون نومۇرى Contact information Контактная Информация	بۇيىمىنىڭ Signature Подпись
Аббасгулиев Али	Сабиркенд	577 417202	
Лейлигаде Джабраил	Сабиркенд	555 265439	
Тасанов Имтиязов	Сабиркенд	557 620579	
Тасанов	Сабиркенд	557 31-0461	
Эминагаров	Сабиркенд	593 35-75-99	
Ислам Ислам	Сабиркенд	593 68-0531	
Тасанов Али	Сабиркенд	558 307930	
Радилов	Будийи	557 382938	
Калимов Али	Сабиркенд	557 95 7161	