

**Phase 2 and 3
Installation of the Equipment and integration into NEA
telemetry system**

Design and construction of hydrological and water quality monitoring stations and rehabilitation of hydrostatic monitoring network in the Chorokhi-Adjaristskali pilot basin of Georgia

Customer: Human Dynamics

Date: 31.08.2015

1) Chorokhi River at village Erge - Automatic Hydrological Monitoring Station

GPS Coordinates:

N: 41 34 05.38

E: 41 40 06.79

Installation area:

- Datalogger Enclosure on the rail of the bridge
- Water Level Sensor - On the railing of the bridge



Figure 1: Side View
ELKO LLC



Figure 2: General View

2) Adjaristskali River at village Maghlakoni - Automatic Hydrological Monitoring Station

GPS Coordinates:

N: 41 32 50.79

E: 41 45 23.44

Installation area:

- Datalogger Enclosure on the rail of the bridge
- Water Level Sensor - On the railing of the bridge



Figure 3: General View



Figure 4: Water Level Sensor

3) Machakhela River at village Adjarisaghamarti - Automatic Hydrological Monitoring Station

GPS Coordinates:

N: 41 31 06.95

E: 41 47 08.23

Installation area:

- Datalogger Enclosure installation: At the end of the bridge
- Water Level Sensor Installation: On the railing of the bridge



Figure 5: General View

4) Kintrishi River at village Kokhi - Automatic Hydrological Monitoring Station

GPS Coordinates:

N: 41 48 07.96

E: 41 53 52.95

Installation area:

- Datalogger Enclosure installation: At the end of the bridge
- Water Level Sensor Installation: On the railing of the bridge



Figure 6: Datalogger General View



Figure 7: Water Level Sensor

5) Adjaristskali River at town Keda - Automatic Hydrological Monitoring and Flood Risk Assessment Station

GPS Coordinates:

N: 41 35 35.12

E: 41 55 22.34

Installation area:

- Datalogger Enclosure installation: On the railing of the bridge
- Precipitation Sensor: On the railing of the bridge
- Water Level Sensor Installation: On the railing of the bridge



Figure 8: General View



Figure 9: Water Level Sensor View

6) Adjaristskali River at town Shuakhevi - Automatic Hydrological Monitoring and Flood Risk Assessment Station

GPS Coordinates:

N: 41 37 29.14

E: 42 10 56.51

Installation area:

- Datalogger Enclosure installation: At the beginning of the bridge
- Precipitation Sensor: At the beginning of the bridge
- Water Level Sensor Installation: On the railing of the bridge



Figure 10: General View