



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS NA YAMAN



FEB 26 2026

DENR ADMINISTRATIVE ORDER

No. 2026 - 10

**SUBJECT : GUIDELINES ON THE INSTALLATION AND USE OF
STATIONARY WATERSHED MONITORING INSTRUMENTS**

Pursuant to Presidential Decree (PD) No. 705, as amended, otherwise known as the "Revised Forestry Code of the Philippines," Executive Order (EO) No. 192 Series of 1987, otherwise known as the Reorganization Act of DENR, DENR Administrative Order (DAO) No. 99-01 entitled, "Adoption of Watershed and Ecosystems Planning Framework", DAO No. 2005-23 entitled "Adoption and Implementation of Collaborative Approach to Watershed Management", and DENR Memorandum Circular (DMC) No. 2008-05, otherwise known as "Guidelines in the Preparation of Integrated Watershed Management Plans", the following guidelines for the installation and use of watershed monitoring instruments are hereby promulgated:

SECTION 1. Basic Policy. It is the policy of the State to protect and advance a balanced and healthful ecology in accord with the rhythm and harmony of nature and to promote sustainable management of natural resources through the installation of stationary watershed monitoring instruments that will generate real-time data and information relevant to the characterization of the watershed condition for effective watershed management.

SECTION 2. Objectives. The general objective of this Order is to ensure the effective management of watersheds through the establishment of stationary watershed monitoring instruments that will provide standard monitoring information and reliable data collection. The specific objectives are as follows:

- 2.1. Provide guidelines for the establishment of Stationary Watershed Monitoring Instruments (SWMI) including its engineering designs and standard costing;
- 2.2. Develop collaboration between and among various government agencies, Local Government Units (LGUs), and other concerned stakeholders in the management of Watershed Monitoring Instruments; and



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- 2.3. Adopt and operationalize the Watershed Ecosystem Management Information System (WEMIS).**

SECTION 3. Scope and Coverage. This Order shall be applicable to the installation and use of SWMI in all watersheds in the country, which includes the Automated Weather Station, Automated Water Level Station, and Conductivity, Temperature, and Depth (CTD) Groundwater Sensor.

SECTION 4. Definition of Terms. As used in this Order, the following terms shall be defined as follows:

- 4.1. Automated Weather Station (AWS)** – collects meteorological data such as temperature, humidity, rainfall, wind speed, and direction. It provides valuable information about weather conditions within the watershed area and collects meteorological data essential for understanding weather conditions within the watershed. It includes various components such as anemometer, pyranometer sensor, rain gauge, barometer, soil moisture sensors, solar panels, and data loggers.
- 4.2. Automated Water Level Station (AWLS)** – collects water levels in rivers, streams, or other water bodies within the watershed. It monitors water levels and flow patterns, helping track flood events, water availability, and flow characteristics in watersheds. It consists of two main components: a water level sensor and a data logger.
- 4.3. Conductivity, Temperature, and Depth (CTD) Groundwater Sensor** - collects groundwater characteristics, including conductivity, temperature, and depth. It is designed to measure groundwater parameters, and assess groundwater quality and availability, contributing to effective groundwater resource management. It assesses conductivity (indicating dissolved salts and minerals), temperature (in Celsius or Fahrenheit), and depth (groundwater table or water level below the ground surface).
- 4.4. Stationary Watershed Monitoring Instruments (SWMI)** – instruments used for collecting and supplying hydrometeorological data related to a watershed, primarily for monitoring purposes. These include the Automated Weather Station (AWS), Automated Water Level Station (AWLS), and Conductivity, Temperature, and Depth (CTD) Groundwater Sensor.

- 4.5. Watershed** – a land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface run-off. This includes small watersheds with areas below ten thousand hectares (<10,000 ha); medium-scale watersheds with areas of ten thousand hectares to fifty thousand hectares (10,000 ha - 50,000 ha); and large-scale watersheds with areas above fifty thousand hectares (>50,000 ha).
- 4.6. Watershed Ecosystem Management Information System (WEMIS)** – a web-based system designed to serve as a comprehensive and long-term repository for watershed-related data. Its primary purpose is to store, manage, maintain, and analyze datasets derived from the Watershed Characterization Report cum Vulnerability Assessment (CRVA), Integrated Watershed Management Plan (IWMP), and Watershed Stationary Monitoring Instruments.
- 4.7. Watershed Management** – is the process of guiding and organizing land and other resource uses in a watershed to provide desired goods and services without adversely affecting soil, water, and other natural resources.

SECTION 5. Criteria and Requirements. The DENR Regional Offices in coordination with the concerned CENRO/ Implementing PENRO should ensure that the establishment of SWMI must be based on the following guiding criteria:

- 5.1 Location.** SWMI shall be located within identified watersheds and shall be strategically positioned to provide comprehensive and accurate data, considering factors such as accessibility, safety, geohazards, and relevance to their specific monitoring purpose.
 - 5.1.1** The AWS is strategically located in upstream, midstream, and downstream areas of the watershed. This distribution ensures the collection of weather-related information across the entire watershed.
 - 5.1.2** The AWLS is strategically placed in bridges oriented downstream to accurately represent the watershed's water levels and flow patterns. Its sensor should have a maximum distance of twelve (12) meters above the water surface.
 - 5.1.3** The CTD Groundwater Sensor is strategically installed in representative locations accurately reflecting groundwater characteristics. It shall be at least one (1) kilometer away from the watershed outlet and near water bodies to minimize the influence of water quality at the main outlet.

5.2 Security and Telecommunication. Instruments shall be installed in secured areas, such as but not limited to schools or LGU compounds, with reliable telecommunication signal reception.

5.3 Minimal Obstructions. Instruments shall be placed in open areas with minimal obstructions, such as buildings and trees.

SECTION 6. Engineering Designs and Cost Estimation. The design, bill of materials, and cost estimate for the establishment of SWMI, as provided in *ANNEX A*, shall include specifications for the fences to be installed as encasement and protection of the instruments. The estimated cost serves as a reference for planning and budgeting purposes and may be subject to adjustments depending on prevailing inflation rates.

SECTION 7. Installation, Operation and Maintenance. The concerned DENR Regional Office shall facilitate the installation, operation, and maintenance of SWMI. The FMB shall assist in the monitoring of the data provided and functionalities of the SWMI.

Operationalization details, including training on the use of the instruments to be provided by the service provider, shall be outlined in the Memorandum of Understanding (MOU). A sample MOU is attached as *ANNEX B*.

SECTION 8. Sustainability and Maintenance. The following procedures are necessary to ensure the long-term functionality and reliability of SWMI:

8.1 Memorandum of Understanding (MOU). The DENR Regional Office, through the Conservation and Development Division (CDD), shall enter into a Memorandum of Understanding (MOU) with the Local Government Units (LGUs). The purpose of the MOU is to formalize their collaboration, delineate responsibilities, and specifically outline the roles of the parties in the sustainability and maintenance of SWMI. The concerned DENR Regional Executive Director shall have the authority to sign the MOU on behalf of the DENR Secretary. In cases where the SWMI will be placed on academic premises instead of LGU premises, the CDD shall enter into a collaboration with the academic institution. The MOU should clearly define the roles and responsibilities of the academic institution involved, ensuring that the sustainability and maintenance of the SWMI are adequately addressed.

8.2 Maintenance. The concerned DENR Regional Office, in coordination with the concerned parties under the MOU, shall be responsible for conducting routine maintenance activities for the SWMI. In cases of structural or other damages, the DENR Regional Office shall promptly initiate necessary repairs to restore the instruments to full working condition.

8.2.1 Calibration. The DENR Regional Office shall facilitate the conduct of annual calibration of the monitoring instruments through the Department of Science and Technology - Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA) to maintain accurate and precise data collection. Calibration intervals and procedures shall adhere to industry standards and manufacturer guidelines.

8.2.2 Routine Maintenance Activities. This includes weeding, battery replacement, pest control, and repainting

8.3 Relocation. In case instrument relocation is deemed necessary to optimize data collection and ensure its relevance to the watershed's conditions, the decision to relocate shall be made based on the installation criteria, expert assessments, and program requirements.

8.4 Repair and Replacement. The expected service life of SWMI is determined to be six (6) years. In case of instrument malfunctions or damages, the concerned DENR Regional Office shall promptly initiate repairs to restore the instruments to their proper working condition. If the damage is no longer repairable and/or requires additional budgetary allocations for the repair, replacement, and relocation of the SWMI, the DENR Regional Office shall submit a damage report with a corresponding budget request to the Central Office through the FMB, subject to approval based on fund availability.

SECTION 9. Data Analysis. The CENRO/Implementing PENRO, in collaboration with DOST-PAGASA, shall conduct the following activities to analyze the data collected by SWMI:

9.1 Annual Data Review. Annual data review shall be conducted to identify trends, patterns, or anomalies requiring immediate attention.

9.2 Consolidation of Data. The data generated from various instruments, including Automated Weather Stations (AWS), Automated Water Level Stations (AWLS), and Conductivity, Temperature, and Depth (CTD) Groundwater Sensors shall be stored in WEMIS.

9.3 Comparison with Baseline Data. The data collected shall be compared with established baseline data and historical data to assess changes in environmental conditions and identify potential areas of concern and ensure timely and effective watershed management.

SECTION 10. Capacity Building. The DENR Regional Offices in collaboration with FMB and with relevant stakeholders, shall conduct capacity-building programs and training for personnel responsible for the maintenance of SWMI, data interpretation and analysis.

SECTION 11. Watershed Ecosystem Management Information System. The Department shall adopt the Watershed Ecosystem Management Information System (WEMIS) to enhance data capture, consolidation, monitoring, analysis, and report generation for watershed management and align data standards with other agencies to minimize duplication and enhance integration across government offices.

The Conservation and Development Division (CDD) of the DENR Regional Office shall designate a Database Manager for WEMIS through the issuance of a Regional Special Order. The Database Manager is tasked with overseeing and managing the data within the system. This includes creating, updating, and deleting data records, as well as ensuring data quality, integrity, and security. The CDD shall be guided by the user account manual (*ANNEX C*) to effectively utilize the WEMIS.

SECTION 12. Data Privacy, Protection, and Security. The DENR shall ensure confidentiality in the management of privilege information pursuant to RA 10173 or the Data Privacy Act and its Implementing Rules and Regulations (IRR), as well as other existing laws, rules and regulations.

SECTION 13. Monitoring, Evaluation, and Reporting. The concerned CENRO/Implementing PENRO shall conduct quarterly monitoring to ensure the functionality of established SWMI and prepare a quarterly report using the prescribed reporting format (*ANNEX D*) to the concerned DENR Regional Office within fifteen (15) days of the ensuing month. The Regional Office shall prepare an annual report which shall include data analysis and recommendations using the prescribed reporting format (*ANNEX E*). The said annual report shall be submitted to the FMB. FMB shall submit a substantive consolidated report to the Office of Undersecretary for Field Operations.

SECTION 14. Funding. The DENR shall allocate funds for the procurement, installation and maintenance of SWMI as well as the operationalization of WEMIS, capacity building and other related activities within its annual budgeting program.

SECTION 15. Separability Clause. If any provision or part of this Order shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

SECTION 16. Repealing Clause. This Order repeals FMB Technical Bulletin Nos. 17, 28, 33, and all other similar issuances inconsistent herewith.

SECTION 17. Effectivity. This Order shall take effect after fifteen (15) days after its publication in a newspaper of general circulation and upon filing of three (3) certified copies hereof with the Office of the National Administrative Register (ONAR), UP Law Center.

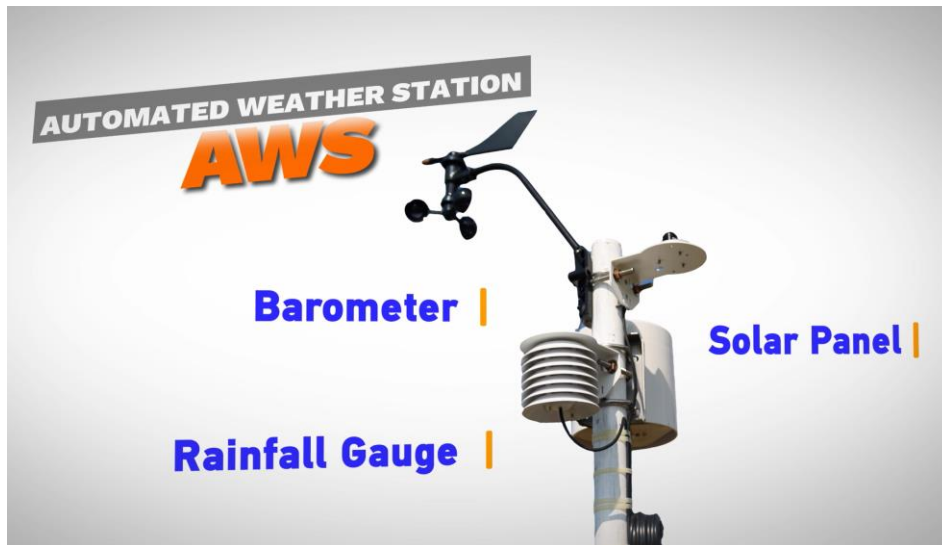

RAPHAEL P.M. LOTILLA
Secretary



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Acknowledgement: ONAR, UP Law Center
March 09, 2026

ANNEX A: Engineering Designs and Cost Estimation



Automated Weather Station equipment

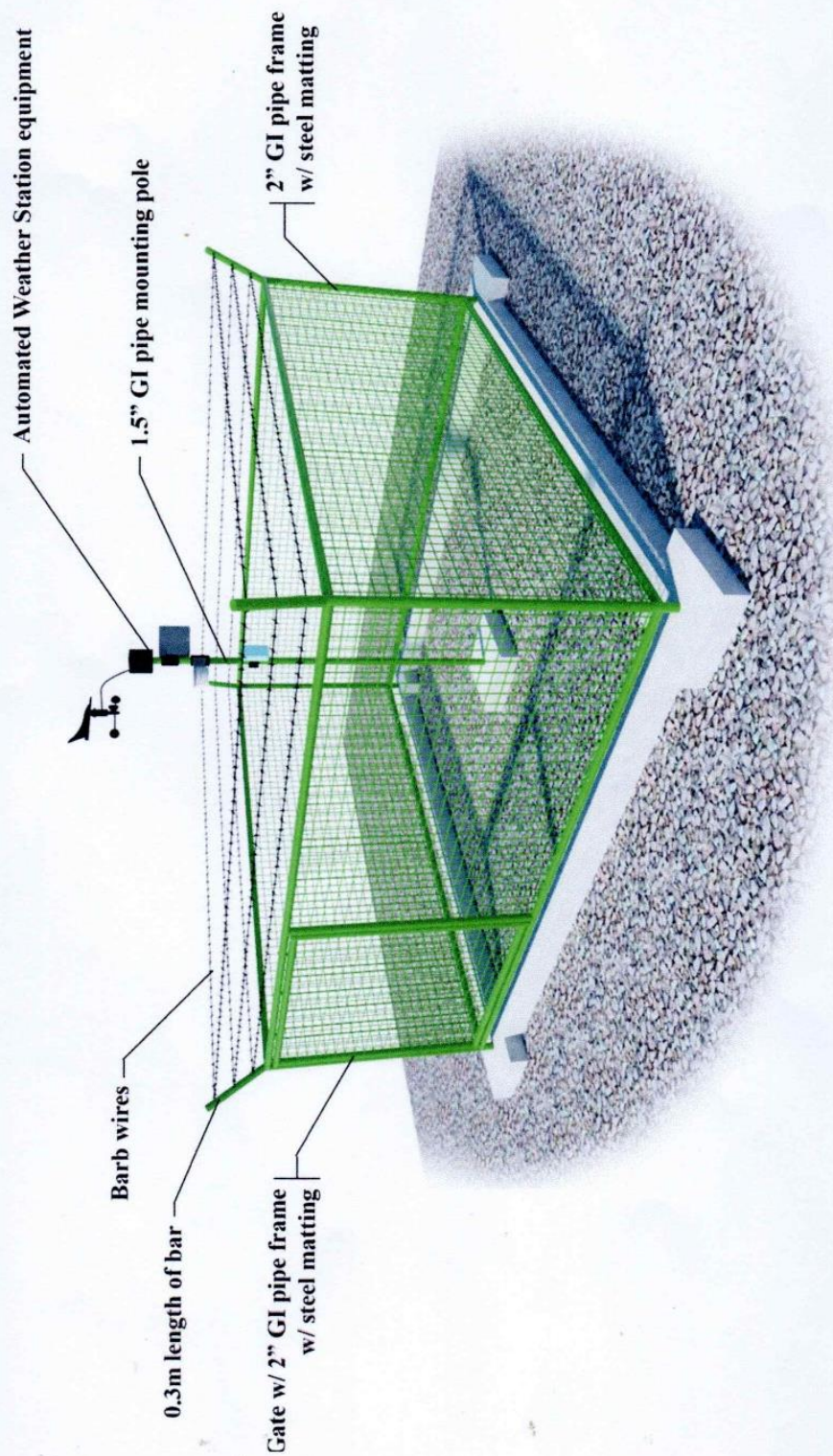
1.5" GI pipe mounting pole

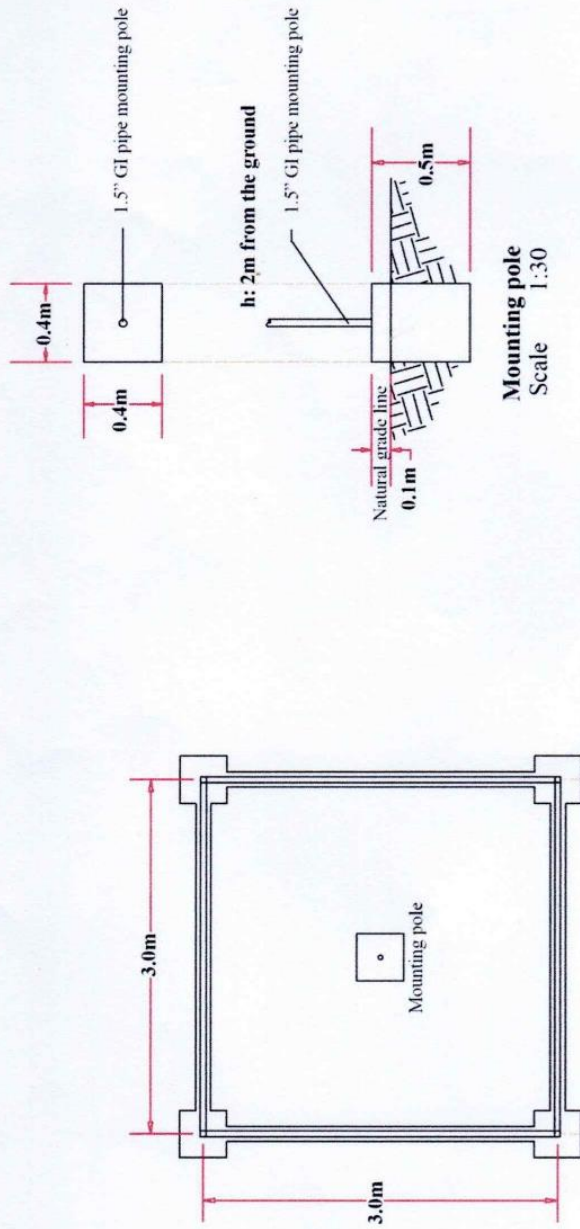
2" GI pipe frame w/ steel matting

Barb wires

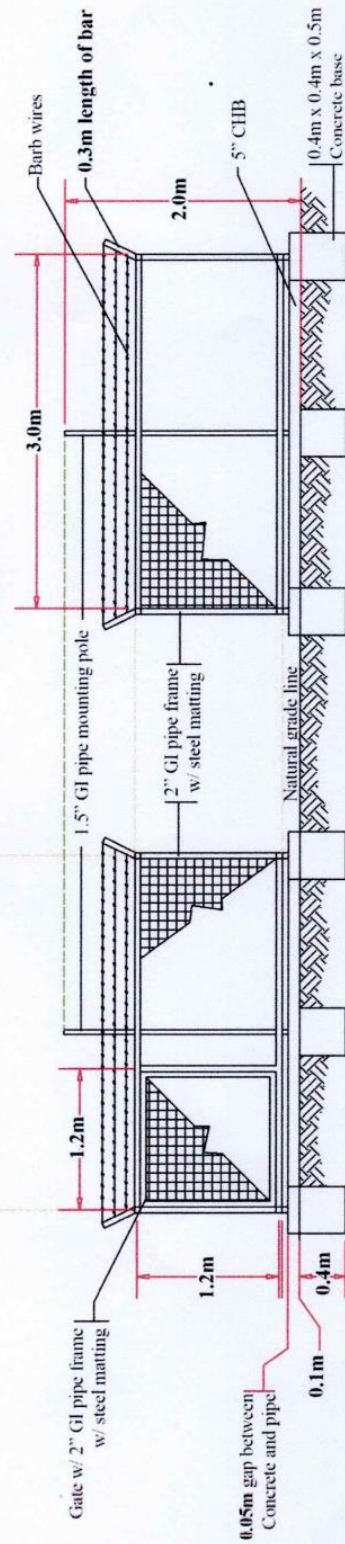
0.3m length of bar

Gate w/ 2" GI pipe frame w/ steel matting





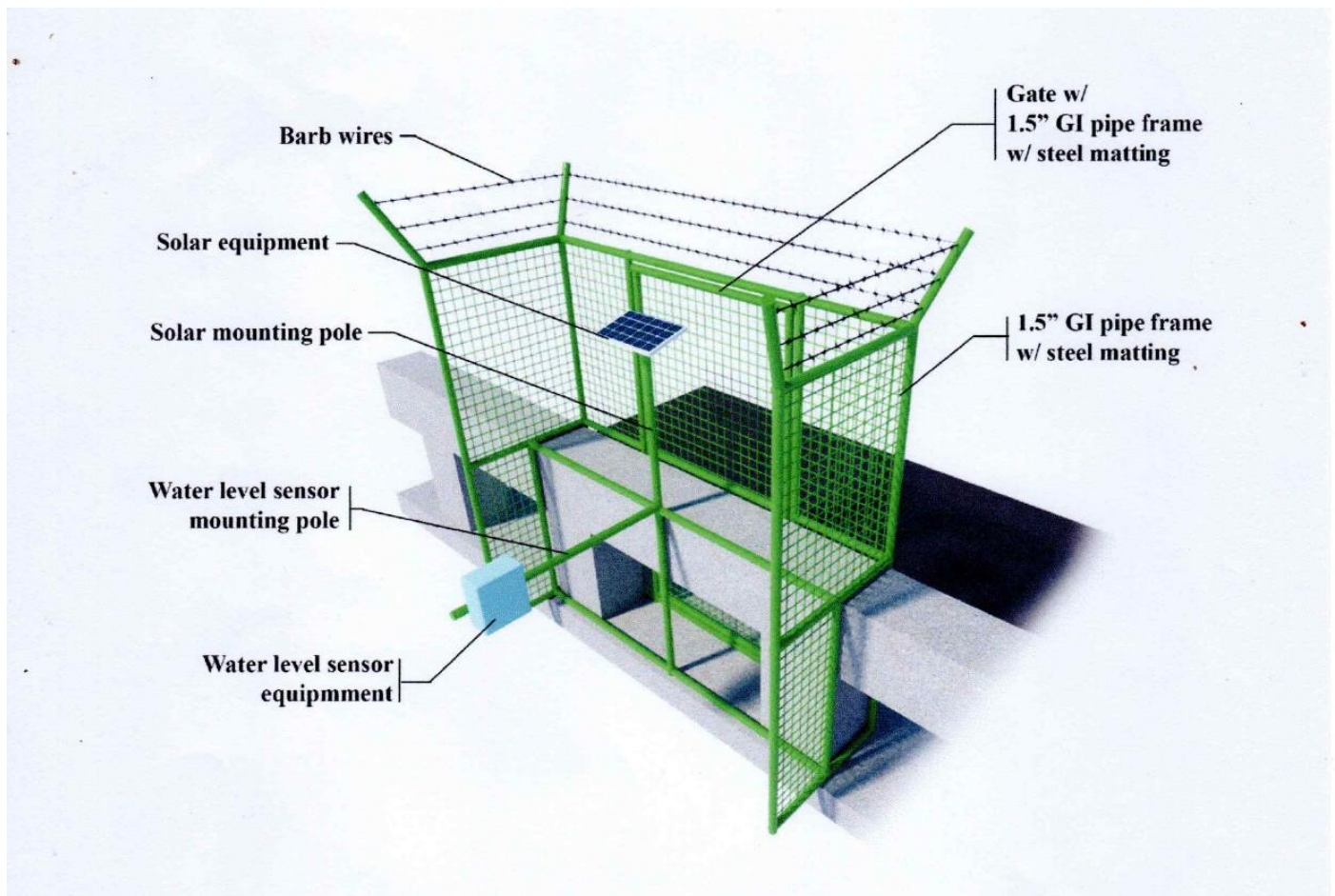
Mounting pole
Scale 1:30

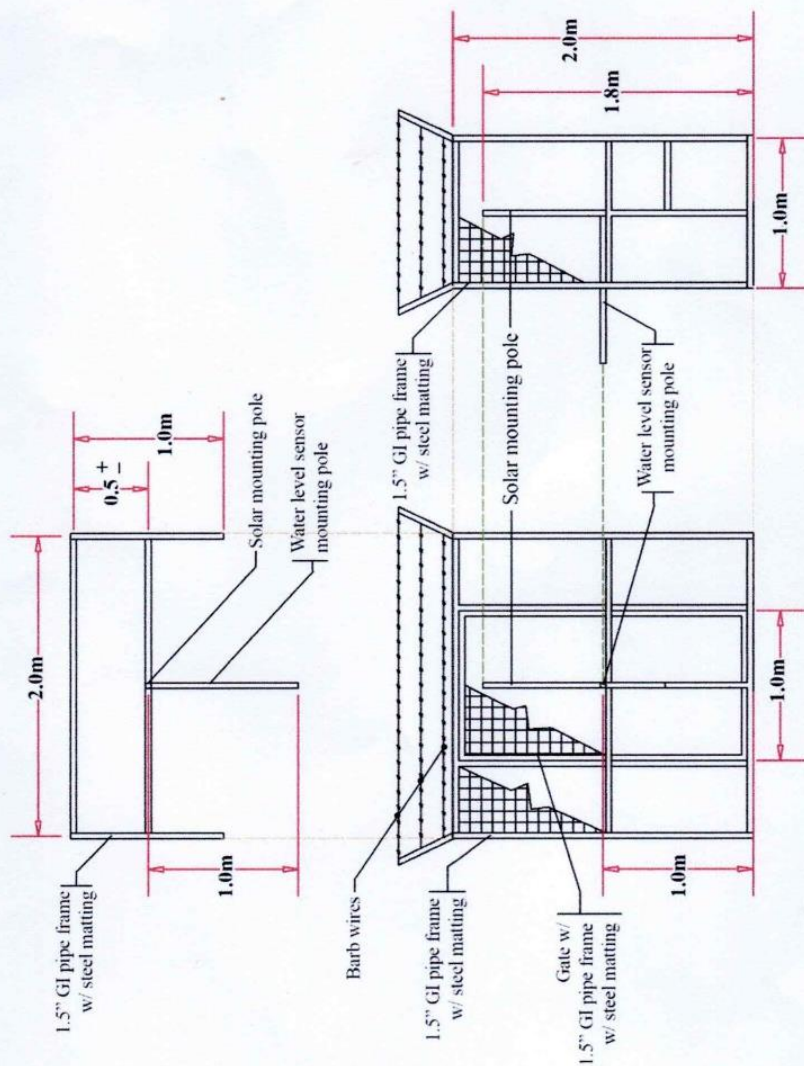


Automated Weather Station Plan, Front Elevation and Side Elevation
Scale 1:50

Bill of Materials and Labor Cost for Automated Weather Station (AWS) Fencing				
Qty	Unit	Materials	Amount	Total (Php)
8	pcs	GI Pipe 2" dia x 20ft schd 20	1,700.00	13,600.00
1	pcs	GI Pipe 1 1/2" dia x 20ft schd 40	1,400.00	1,400.00
6	pcs	Steel Matting 4' x 8' size 4.5mm	800.00	4,800.00
8	pcs	Flat Bar 1/4" x 1" x 20ft	300.00	2,400.00
4	pcs	Reinforced Steel Bar 10mm x 6m	200.00	800.00
1	roll	Barb wire	1,800.00	1,800.00
9	bags	Cement	275.00	2,475.00
35	pcs	CHB 5" x 8" x 16"	20.00	700.00
0.5	cu.m	Gravel	1,800.00	900.00
0.5	cu.m	Sand	1,500.00	750.00
3	pcs	Cylindrical Hinge 1"	200.00	600.00
1	pcs	Heavy Duty Padlock	900.00	900.00
5	kgs	Welding Rod	130.00	650.00
5	pcs	Cutting disc	150.00	750.00
5	pcs	Hacksaw Blade	150.00	750.00
1	pcs	Grinding disc	150.00	150.00
2	gal	Epoxy Primer Gray w/ catalyst	800.00	1,600.00
2	liter	Rust Converter	350.00	700.00
4	pcs	Paint Brush 2"	100.00	400.00
2	pcs	Paint Roller 4"	110.00	220.00
1	pcs	Rolling Pad	105.00	105.00
Total Material Cost				36,450.00
40 % Labor Cost				14,580.00
5% Handling of Material				1,822.50
Site Preparation				
		Cleaning and Grabbing		5,000.00
		Excavation		5,000.00
Total Direct Cost (DC)				62,852.50
15% Contractor's Profit				9,427.88
10% Overhead, Contingency & Miscellaneous (OCM)				6,285.25
Total Indirect Cost (IDC)				15,713.13
VAT (DC + IC) 12 %				9,427.88
Total Project Cost				≈88, 000.00

Specification of Fence of Automated Waters Level Station for Standard Design of Reinforced Concrete Bridge





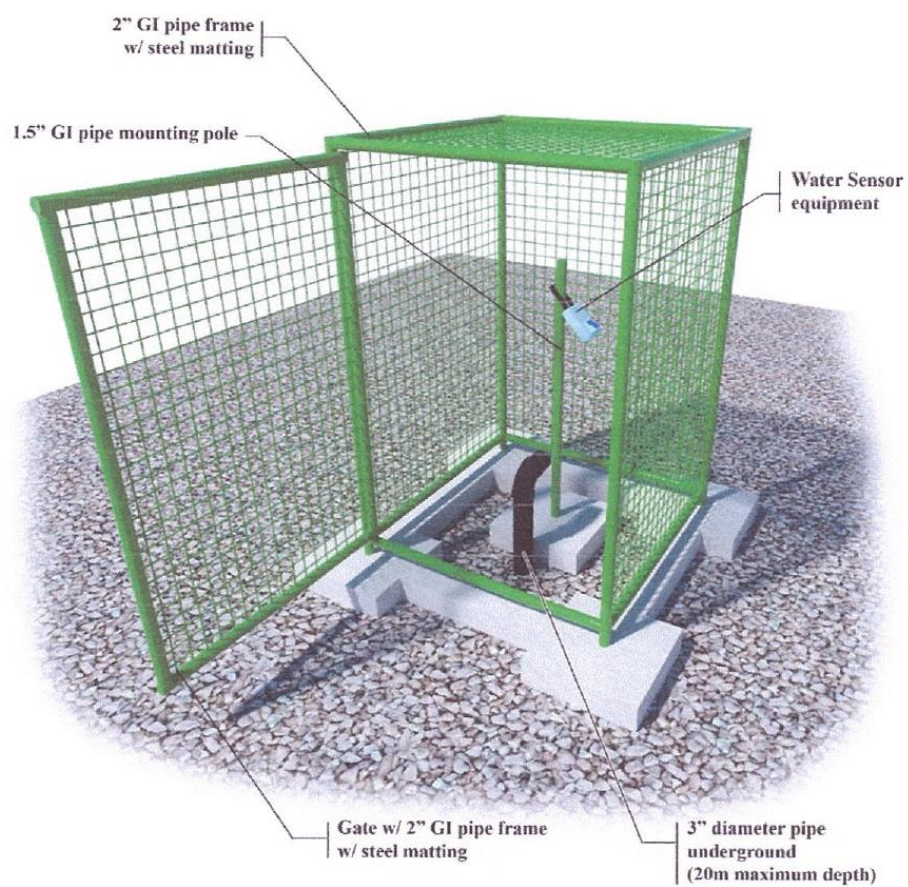
Automated Water Level Monitoring Station Plan, Front Elevation and Side Elevation

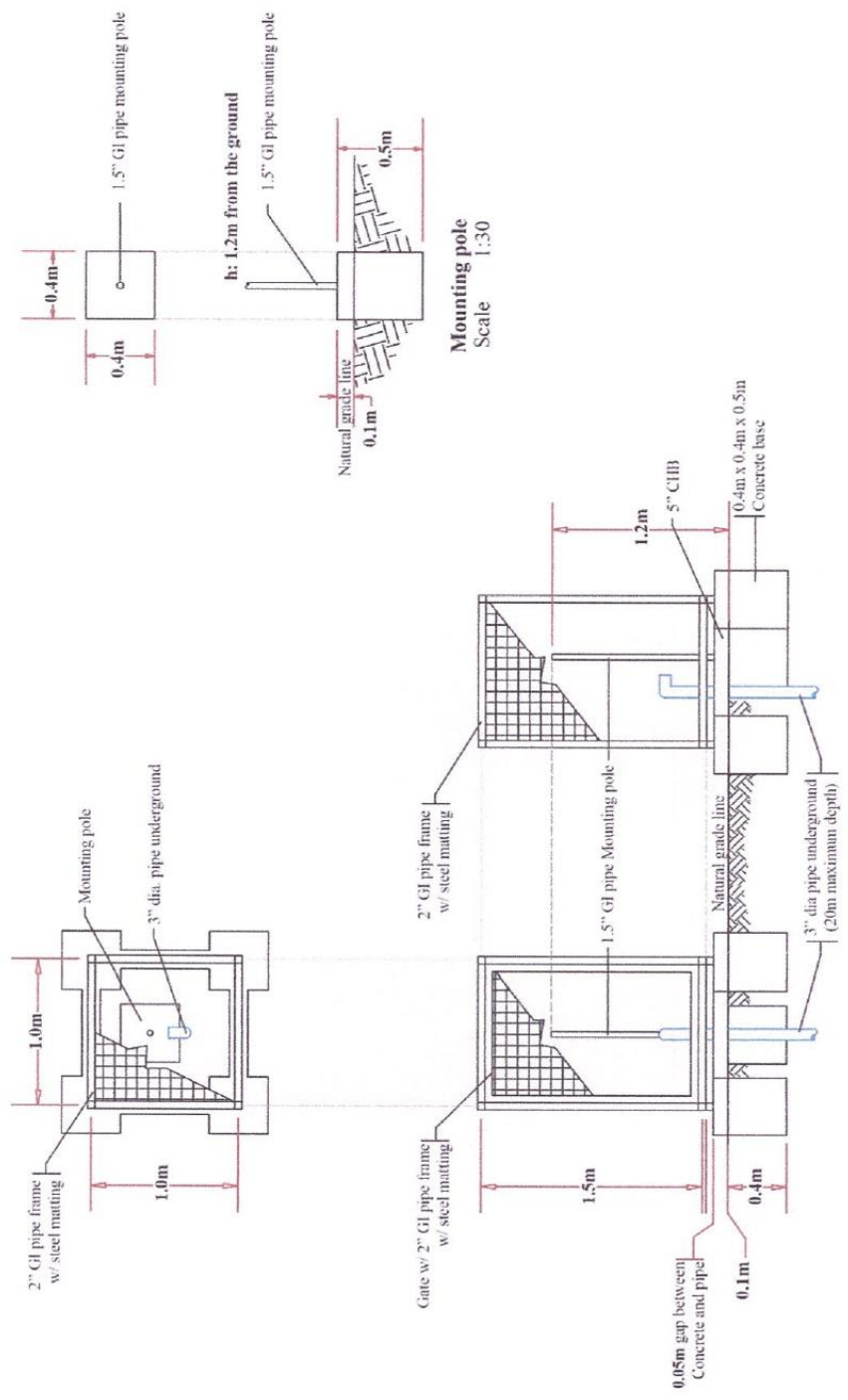
Scale 1:40

- The mounting pole for the ultrasonic water level sensor, and the joints of the fences should be assembled through bolts, not fully weld, in case the AWLS and the fence should be transferred to another suitable site.
- Should the design of the bridge be different from the standard, the Region may opt to make adjustments that will suit the design of the bridge. However, such design should have the same total cost on the provided bill of materials.

Bill of Materials and Labor Cost for the Automated Water Level Station (AWLS) Fencing				
Qty	Unit	Materials	Amount	Total (Php)
7	pcs	GI Pipe 1 1/2" dia x 20ft schd 40	1,400.00	9,800.00
5	pcs	Steel Matting 4' x 8' size 4.5mm	800.00	4,000.00
9	pcs	Flat Bar 1" x 1/4" thick 20ft	300.00	2,700.00
1	pcs	Angle Bar 2" x 2" x 1/4" thick 20ft	600.00	600.00
1	roll	Barb wire	1,800.00	1,800.00
3	pcs	Cylindrical Hinge 1"	200.00	600.00
35	pcs	Nut and Bolt 3"	100.00	3,500.00
1	pcs	Heavy Duty Padlock	900.00	900.00
5	kgs	Welding Rod	130.00	650.00
5	pcs	Cutting disc	150.00	750.00
5	pcs	Hacksaw Blade	150.00	750.00
1	pcs	Grinding disc	150.00	150.00
1	gal	Epoxy Primer Gray w/ catalyst	800.00	800.00
1	liter	Rust Converter	350.00	350.00
4	pcs	Paint Brush 2"	100.00	400.00
2	pcs	Paint Roller 4"	110.00	220.00
1	pcs	Rolling Pad	105.00	105.00
Materials Total				28,075.00
40 % Labor Cost				11,230.00
5% Handling of Material				1,403.75
Total Direct Cost				40,708.75
15% Contractor's Profit				6,106.31
10% OCM				4,070.88
Total Indirect Cost (IDC)				10,177.19
VAT (DC + IC) 12 %				6,106.31
Total Project Cost				≈57,000.00

Standard Design of Fence for the CTD Ground Water Sensor





CTD Ground Water Sensor Station Plan, Front Elevation and Side Elevation

Scale 1:35

Bill of Materials for the Installation of CTD Ground Water Sensors

Bill of Materials and Labor Cost for CTD Fencing and Well Drilling				
QTY	Unit	Materials	Amount*	Total (Php)
4	pcs	GI Pipe 2" dia. x 20 ft sched 20	1,700.00	6,800.00
1	pcs	GI Pipe 1 1/2" dia. x 20 ft sched 40	1,400.00	1,400.00
3	pcs	Steel Matting 4' x 8' size 4.5mm	800.00	2,400.00
6	pcs	Flat Bar 1/4" x 1" x 20 ft	300.00	1,800.00
4	pcs	Reinforced Steel Bar 10 mm x 6 m	200.00	800.00
4	bags	Cement	275.00	1,100.00
15	pcs	CHB 5" x 8" x 16"	20.00	300.00
0.5	cu.m	Gravel	1,800.00	900.00
0.5	cu.m	Sand	1,500.00	750.00
3	pcs	Cylindrical Hinge 1"	200.00	600.00
1	pcs	Heavy Duty Padlock	900.00	900.00
4	kgs	Welding Rod	130.00	520.00
5	pcs	Cutting Disc	150.00	750.00
5	pcs	Hacksaw Blade	150.00	750.00
1	pcs	Grinding disc	150.00	150.00
2	gal	Epoxy Primer Gray w/ catalyst	800.00	1,600.00
2	liter	Rust Converter	350.00	700.00
4	pcs	Paint Brush 2"	100.00	400.00
2	pcs	Paint Brush 4"	110.00	220.00
1	pcs	Rolling Pad	105.00	105.00
Sub Total				22,945.00
Shallow Well Drilling (20-meter average depth; depth varies in different sites)				
4	pcs	3" dia. GI Pipe x 20 ft sched 20	2,550.00	10,200.00
3	pcs	3" dia. GI Pipe coupling	250.00	750.00
2	pcs	3" dia. GI Pipe Elbow	250.00	500.00
Sub Total				11,450.00
Total Material Cost				34,395.00
40% Labor Cost				13,758.00
5% Handling of Material				1,719.75
Site Preparation				
Cleaning and Grubbing				5,000.00
Excavation				5,000.00
Labor Cost for Well Drilling				120,000.00
Total Direct Cost (DC)				179,872.75
15% Contractor's Profit				26,980.91
10% OCM				17,987.28
Total Indirect Cost (IDC)				44,968.19
VAT (DC+IC) 12%				26,980.91
Total Project Cost				251, 822.00

ANNEX B. SAMPLE MEMORANDUM OF UNDERSTANDING

MEMORANDUM OF UNDERSTANDING

“INSTALLATION, MAINTENANCE AND PROTECTION OF STATIONARY WATERSHED MONITORING INSTRUMENTS WITHIN _____WATERSHED”

KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Understanding is made and entered into by and among:

The **Department of Environment and Natural Resources Region _____**,
with _____ office _____ address _____ at _____,
represented herein by its Regional Executive Director, _____
hereinafter referred to as the “**FIRST PARTY**”

- and -

The **Local Government Unit of the Municipality of _____**, with office address _____ at _____,
represented by its
Municipal Mayor, **HON. _____** and theBarangay Council of _____
represented by its Punong Barangay **HON. _____**
hereinafter referred to as the “**SECOND PARTY**”.

-and-

The _____, with office address at _____,
represented by its _____,
, hereinafter referred to as the “**THIRD PARTY**”

WITNESSETH THAT:

WHEREAS, it is the policy of the state as embodied in the 1987 Philippine Constitution to promote and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, E.O. No. 192 mandates the FIRST PARTY to be primary government agency responsible for the conservation, management, development and proper use of the country’s environment and natural resources, specifically forest and grazing lands, mineral resources, including those in reservation and watershed areas and lands of the public domain, as well as the licensing and regulation of all natural resources as may be provided for by law in order to ensure equitable sharing of the benefits derived therefrom for the welfare of the present and future generations of Filipinos;

WHEREAS, the FIRST PARTY is mandated under E.O. No. 192 Section 17 (d) to generate technologies and provide scientific assistance in the Research and Development of technologies relevant to the sustainable uses of Philippine Ecosystems and Natural Resources;

WHEREAS, the FIRST PARTY spearheaded the watershed management and development of _____ Watershed and to this effect installing other relevant instruments to gather data to generate more information on the proper management of the watershed.

WHEREAS, the FIRST PARTY, shall install a one (1) unit _____ (AWS/AWLS/CTD Groundwater Sensor) at _____ as part of the instrumentation of the above-mentioned project;

WHEREAS, the SECOND PARTY and THIRD PARTY has committed to assist the FIRST PARTY in providing assistance in securing the instrument from thieves and vandalism;

NOW THEREFORE, for and in consideration of this Memorandum of Understanding and mutual covenants and stipulations hereinafter set forth, the parties have agreed to recognize and undertake the following:

ARTICLE I – PURPOSE

Section 1. This Memorandum of Understanding expresses full knowledge and agreement concerning the responsibilities of the parties with regard to the installation, maintenance and protection of Automated Weather Station (AWS), Automated Water Level Station (AWLS), and Conductivity, Temperature, and Depth (CTD) Groundwater Sensor for the instrumentation as part of the project of the watershed management;

Section 2. AWS collects meteorological data such as temperature, humidity, rainfall, wind speed, and direction. It provides valuable information about weather conditions within the watershed area. AWLS collects water levels in rivers, streams, or other water bodies within the watershed. This data helps monitor water flow patterns, flood events, and water availability. (CTD) Groundwater Sensor collects groundwater characteristics, including conductivity, temperature, and depth. These are essential for understanding the quality and availability of groundwater resources.

Section 3. These instruments are intended for baseline information generation following a standardized characterization and instrumentation technique and will serve as a venue for collection and monitoring of key watershed resources and services for long-term watershed database in support of science-based policy and management decision making; and

Section 4. These instruments monitor real-time or on-site data storage, consumes low power, transmit data automatically and is low maintenance.

ARTICLE II- ROLES AND RESPONSIBILITIES OF THE PARTIES

Section 5. The **FIRST PARTY** is hereby vested with the following roles and responsibilities:

5.1 Facilitate the installation of _____ (AWS/AWLS/CTD Groundwater Sensor) using a fabricated steel post preferably in an open area with minimal obstructions (i.e. building, trees, etc.) and with consistent signal reception;

5.2 Ensure the security of the _____ (AWS/AWLS/CTD Groundwater

- Sensor) by constructing a fence to protect the equipment;
- 5.3 Shoulder the expense with respect to the monthly post-paid SMS service as well as the maintenance of the equipment;
- 5.4 Capacitate the focal person/LGUs on technical matters and importance of Database management of _____ (AWS/AWLS/CTD Groundwater Sensor);
- 5.5 Endeavor to educate the people of ____, especially the community living near the watershed and its impact on the people;
- 5.6 Discharge such other functions, duties and responsibilities as may be necessary to carry out the objective and purpose of this MOU.

Section 6. The **SECOND PARTY** is hereby vested with the following roles and responsibilities:

- 6.1 Consent to the installation of the one (1) unit of _____ (AWS/AWLS/CTD Groundwater Sensor) at _____;
- 6.2 Provide assistance to the **FIRST PARTY** in safeguarding and securing the instrument from any unlawful activities such as robbery and vandalism;
- 6.3 Ensure the security of the _____ (AWS/AWLS/CTD Groundwater Sensor) within the ____premises;
- 6.4 Endeavor to educate the people of _____, especially the students and communities living along the vicinities of ____ Watershed about the importance of maintaining a healthy watershed and its impact to the people of ____; and
- 6.5 Report immediately to the **FIRST PARTY** any incident that may be prejudicial to the security and proper functioning of the equipment; and
- 6.6 Access viewing of all data from the instrument through the website using the access code given by the DENR Central Office, provided that said access code should not be disclosed to persons other than herein parties.

Section 7. The **THIRD PARTY** is hereby vested with the following roles and responsibilities:

- 7.1 Installation of one (1) unit _____ (AWS/AWLS/CTD Groundwater Sensor) within the ____site of _____in _____;
- 7.2 Provide technical assistance to ensure the efficient data collection of the Stationary Watershed Monitoring Instruments;
- 7.3 Ensure that the field personnel are adequately equipped with the knowledge and skills required for the operation and maintenance of the monitoring instruments throughout the duration of this agreement.

ARTICLE III – CONFIDENTIALITY

Section 8. Sharing of proprietary technology used in the instruments to be installed is allowed, subject to existing laws, rules, and regulations.

ARTICLE IV – FINANCING

Section 9. The costs and expenses to be incurred in the implementation of this MOU shall be charged against the respective funds of the Parties, subject to the usual accounting and auditing rules and regulations.

ARTICLE V – SEPARABILITY CLAUSE

Section 10. If any part or provision of this Memorandum of Understanding is held invalid or unconstitutional, other provisions not affected thereby shall remain in force and effect.

ARTICLE VI – EFFECTIVITY AND OWNERSHIP

Section 11. This Memorandum of Understanding shall take effect immediately upon signing hereof by the parties and shall remain in force for the duration of the project unless otherwise revoked or cancelled by the **FIRST PARTY**. However, in case this Memorandum of Understanding shall be terminated, revoked, or cancelled by the **FIRST PARTY**, the ownership of the instrument/equipment including its improvements installed herein shall remain the property of the Government and shall be returned to the **FIRST PARTY**.

IN WITNESS WHEREOF, the parties hereunto set their hands this _____ day of _____, 20XX at _____. Philippines.

FOR THE FIRST PARTY _____: FOR THE SECOND
PARTY/LGU _____:

Regional Executive Director

Mayor

FOR THE THIRD PARTY:

NAME _____

*Position/Designation Third
Party*

WITNESSES:

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)
CITY OF _____)S.S

BEFORE ME, a Notary Public, for and in the above jurisdiction, personally
appeared the following:

NAME	COMPETENT EVIDENCE OF IDENTITY

Known to me to be the same persons who executed the foregoing Memorandum
of Understanding and acknowledge to me that the same is their own, free and voluntary
act and deed as well as the entities they represent.

This Memorandum of Understanding consist of 5 pages including this page
wherein this Acknowledgement is written, and is signed by the parties and their
instrumental witnesses on each and every page hereof.

WITNESS MY HAND AND SEAL this _day of _____, 20XX
at _____.

Doc. No. _____
Page No. _____
Book No. _____
Series of 20XX;