

WATER SAFETY SURVEILLANCE FORMAT

Scheme:

Review date:

Item	Issues	Remarks	Action/Intervention
1. Water source quality monitoring			
i. Physical chemical parameters (Abstraction standards)			
ii. Biological parameters			
iii. Specific parameters (toxic/heavy metals)			
iv. Test parameters/frequency			
2. Catchment			
i. Illegal deforestation			
ii. Need for protected catchment			
iii. Agricultural pollution (irrigation tanks or within drainage area)			
iv. Un authorized settlements			
v. Any undesirable development activities			

Item	Issues	Remarks	Action/Intervention
3. Water source protection – river, stream, lake, groundwater			
i. Industrial discharges			
ii. Agricultural pollution			
iii. Domestic waste discharges			
iv. Solid waste disposal			
v. Storm drainage systems			
4. Treatment process			
i. Adequacy of plant capacity			
ii. Appropriate treatment process			
iii. Service condition of treatment plant			
iv. Disinfection system			
v. Chemical supplies			

Item	Issues	Remarks	Action/Intervention
5. Storage tanks			
i. Structural condition			
ii. Maintenance			
6. Distribution			
i. Types/age of pipes			
ii. Level of leakage			
iii. System pressure			
iv. RCI levels			
v. Bacteriological quality			
7. Household level			
i. Educational/Awareness programs			
ii. Storage tanks (NWSDB/UNICEF guidelines)			
iii. Water hygiene (NWSDB/UNICEF guidelines)			

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Item	Issues	Remarks	Action/Intervention
Alternative sources (Other than piped water supplies) – Dug wells			
Dug well: No..... i. Compliances to NWSDB/UNICEF guidelines ii. Water quality (sample tests)			
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Item	Issues	Remarks	Action/Intervention
Alternative sources (Other than piped water supplies) – Rain water harvesting			
Rain water harvesting No..... i. Compliances to NWSDB/UNICEF guidelines ii. Water quality (sample tests)			
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Item	Issues	Remarks	Action/Intervention
Alternative sources (Other than piped water supplies) – Hand pumps			
Hand pump No..... i. Operational condition ii. Maintenance of hand pump and tube well iii. Water quality			
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