

POST DISASTER NEED ASSESSMENT OF WATER SUPPLY AND SANITATION

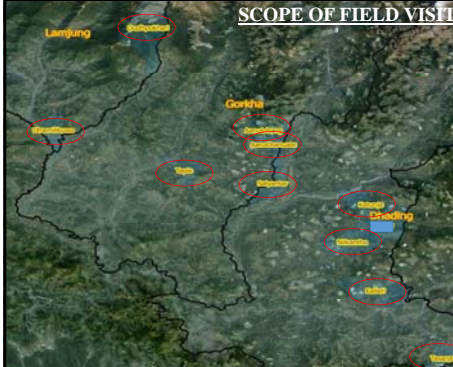
FIELD VISIT FINDINGS

DHADING, GORKHA AND LAMJUNG






SCOPE OF FIELD VISIT





Date	Performance Activities
27-28 May-15	Observation of Damaged WWS Scheme (1) Formal PBD (1) and WUSC (4) Meeting with WSC (1)
28 May-15	Observation of Damaged WWS Scheme (4) Formal FGD (3) Announcement Meeting (1)
29-30 May-15	Meeting with District Officials (2) Observation of Damaged WWS Scheme (3) Formal FGD (1)
26 May-15	Stakeholders Meeting (2) Accountant Review (2) Meeting with District Officer (1)
27-28 May-15	Stakeholders Meeting (1) Observation of Damaged WWS Scheme (2) Formal FGD (2)

	Dhading	Gorkha	Lamjung	Total
VDC	5	8	7	10
Scheme	3	3	2	10
FGD	2	3	2	7
Meetings	17	68	76	116

DWSS ASSESSMENT PROCESS

DHADING



- 99 applications from WUSC received in WSSDO by 23.05
- WSSDO technicians mobilized after receiving the written application.
- Extent of damage in northern VDCs of Dhading is not clear due to inaccessibility.
- Damage of HH toilet is still being calculated.
- WSSDO technicians are also mobilized by DDRC so WSSDO lacking human resources to assess the water supply schemes.

DWSS ASSESSMENT PROCESS

GORKHA



- 60% of total estimated damaged scheme assessed (as per division chief), out of them 23 found cost estimated.
- Total Damaged Number still unknown.
- Status of damage of northern 7 VDCs – Still unreached due to landslide and no road access
- HH Toilet - 40% of damaged households – completely damaged. Toilets pan and underground structure can be re-used in remaining.

DWSS ASSESSMENT PROCESS

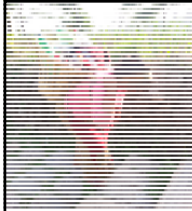

LAMJUNG


- 19 damage schemes identified and assessment completed. Costing ongoing
- WSSDO technicians mobilized in mostly affected 4 VDCs. Description of damage collected through WUSCs in remaining 15 VDCs. Prescribed format of DWSS is not filled
- WSSDO Technicians are also mobilized for relief work by DDRC. So lacking human resources.
- Toilet - 10% of total households completely damaged (estimate)

IMPACTS AND EXPERIENCES OF WOMEN

- Water Fetching Time – Up to 3 hours in damaged scheme
- Personal hygiene and menstrual hygiene compromised
- Problem for elderly and disable persons
- Restaurant business affected
- Green vegetable production







SITE VISIT FINDINGS

EMBASSY OF FINLAND
KATHMANDU

- 4 Schemes – Water Source Dried up (40%)
 - 2 Completely Closed (Tasarpu and Taple)
 - 2 Poorly Functioning (Partial) – (Dudhpokhari and Kalleri)
- 2 Schemes Pipeline damage – 1 Poorly functioning, 1 closed (Aarughat and Kalleri)
- 1 Scheme – Pipeline damage + RVT damage – Functioning (Dhamilikuwa)



SITE VISIT FINDINGS

EMBASSY OF FINLAND
KATHMANDU


- 1 Scheme – IC damage, RVT leaked – Functioning (Nilkantha)
- 1 Scheme – Intake damage, Pipeline damage – Poorly functioning (Salyantar)
- 1 Scheme – Minor damage in mainline – Functioning Properly (Aaruarbang)



STAKEHOLDERS MEETING FINDINGS

EMBASSY OF FINLAND
KATHMANDU

- All people affected equally – Gorkha (Northern), Dhading (Northern), Lamjung (North east)
- Female and disabled are more effected
- Unprotected water source for shelters and dried up scheme area.
- Water tariff raising stopped and VMW not paid in non-functioning schemes
- Personal hygiene for children, female, disable and elderly people.
- Construction materials available, no price hike



STAKEHOLDERS MEETING FINDINGS

EMBASSY OF FINLAND
KATHMANDU


- OD observed, Neighbors' toilet use, reconstruction started in some places
- Demand for School toilet and sanitation campaign (Gorkha)
- Chance of Landslide and damage in schemes during mansoon. Need Re-assessment after Mansoon
- Priority is Residence → School → DWS → Sanitation



BUILD BACK BETTER AND DISASTER RESILIENCE

EMBASSY OF FINLAND
KATHMANDU


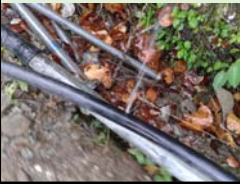
- Avoid masonry structures
- Go for yard connection
- Users capacity enhancement for O&M
- Light superstructure toilets
- Toilet mandatory while building new house



AD-HOC MEETINGS AND OTHER OBSERVATIONS

EMBASSY OF FINLAND
KATHMANDU

- Districts busy in relief, not time to think on recovery
- WASH Cluster Group – Active for relief work
- VDC collecting applications for water scheme repair work (Dhading)
- Temporary Camp
 - Dhadingbesi – water and sanitation not enough
 - Aarughat – Not an issue



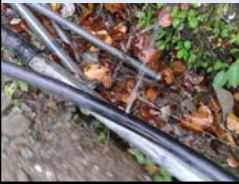
KEY FINDINGS

Assesment Review

- Demand Driven
- Risk of Exclusion of Deprived/Remote (35% from HQ : case Dhading)
- Technician in the field for assessment is needed. Phone calls and WUSC reports may not give real picture.
- Chance of inclusion of already non functional schemes

Economic Impact in closed scheme

- Hotel and Restaurant
- Water Tariff
- VMW not paid

KEY FINDINGS


Impact on Women

- Work Load of Women and Girl Child
- School drop out in future ?
- Personal and menstrual hygiene

BBB and Disaster Resilience

- Ferro cement structure has less damage : need Ferro cement design of CC/DC/IC/BPT
- Light superstructure of toilet
- Capacity enhancement of WUSCs in O&M including Water Tariff and Yard Connection

Landslide is Key Issue : Post Mansoon Re-Settlement of some clusters






Resettlement : When ? And How to plan WASH facilities ?



AARUTAR AARUGHAT WATER SUPPLY SCHEME, AARUCHANAUTE VDC 1-3, GORKHA





LITEKHOLA WATER SUPPLY AND SANITATION SCHEME, AARUARWANG - 5, GORKHA





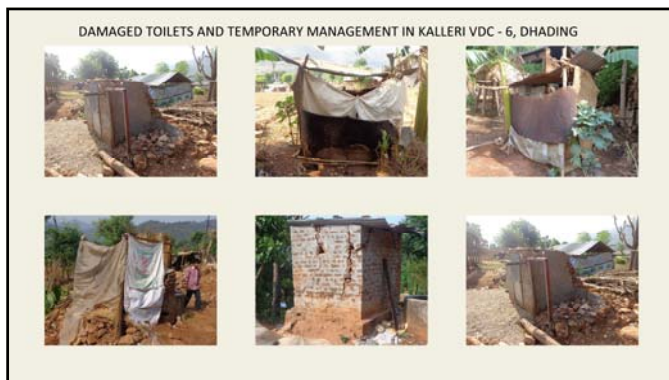



DISTRICT LEVEL MEETINGS, SHELTER AND DHADING BESI WSS SCHEME, DHADING











THANK YOU FOR YOUR ATTENTION

ANY QUERIES ??



EMBASSY OF FINLAND
KATHMANDU



RWSSP-WN II



RVWRMP II
Nepal-Finland Cooperation