

Checklist for WSW Site Supervision

Woreda: _____ Kebele : _____ Site Code: _____

Section: _____

S.No		Yes	No	If no, Why and what action took
1	Setting out			
1.2	is the setting out as per the design?			
	is there design modification or change?			
	if yes, is the revised design officially approved			
	if yes, is the revised design officially provided for contractor			
1.3	Reference for excavation and masonry work			
	Counter wall reference for each section provided			
	Wall height reference for each section provided			
	mass excavation reference for each section provided			
	main weir counter weir reference			
1.3	Counter wall height			
	above the ground maximum 10 cm			
	below the ground maximum 10 CM			
2	Excavation			
2.1	Mass excavation checked as per the design			
2.2	Trench excavation width & depth check as per the design			
2.3	excavated soil dump down stream			
2.4	Excavated soil should dump at stream above 50 CM far			
3	Masonry Work			
3.1	Foundation (wall trench & counter wall trench)			
	is the excavation checked for start up			
	check mortar mix (1:4 for masonry or 1:2:3 for cyclonic concrete)			
	proper water on the ground for putting of mortar			
	put proper mortar on the ground for start up			
	Put stone but not very close.			
	putting of mortar between stone			
	No need of crush of stone / do not put very crashed stone			

	put proper mortar between stone			
	Proper watering checked			
3.2	Basin, Triangle support and Counter wall			
	Reference for basin height provided / checked as per the design			
	mix ration checked (1:4)			
	construction integration on basin, counter wall and triangle support			
	Proper putting of mortar			
	utilization of big stone			
	closinees of stone			
	Proper watering checked			
3.3	masonry wall construction			
	Each section wall height Reference check			
	integration of basin, triangle support and wall construction			
	if wall height not finished, no need of putting mortar on the top			
	no need of layer by layer construction			
	cheeked proper putting of mortar between stone			
	space between stone should be narrow			
	proper plastering of wall checked			
	use big stone / no stone re-shaping			
	wall alignment checked			
	Proper watering checked			
3.4	Watering, Backfill and remaining construction material clearing			
	proper watering after construction completion cheeked (one week)			
	proper backfill conducted			
	clearing of remaining construction materials such as stone & sand			
3.4	Final takeover			
	is there remaining work as per the design			
	is there any technical problem that can be create problem on the structure			

NB:

- For each section each step is sequential. So, before the first step completed, checked & confirmed by responsible engineer not allowed to pass the second step, and then not pass to third steep before complete, checked and confirmed steep two.
- Responsible engineer should be available on site on time for check and provide confirmation continuation from step one to step two and then from step two to step three
- Summary of the checklist will explain for contractor and will be describe on the logbook & will be sign by responsible engineer and contractor