

Standard Operations Procedure

On-site Stormwater Detention System

Project Ref. No.: A1002-00001-2019

Development Address & MCST no.:

Location of Detention Tank:

Operating System of Detention Tank: ~~online-gravity/online-pump/offline-gravity/offline-pump*~~

Name of Operations & Maintenance Supervisor:

Contact number:

Date of Inspection:

S/N	Descriptions	Y/N/NA	Inspection findings/ Follow-up actions
1	Monthly/After Significant Storm Events		
a	Access into the detention drain system is secure (out of bounds to public and unauthorized personnel)		
b	No obstruction of maintenance access/ opening		
c	No clogging at inlet/ outlet structures/ trash screens		
d	Structural integrity of detention drain and features are not compromised (check for cracks/ rust/ leaks)		
e	No stagnant water in detention drain		
f	No residual water at inlet/ outlet structures		
g	No mosquito breeding		
h	No pest infestation within the system		
i	No excessive sediment built up in detention drain		
j	Inspect, lubricate and conduct routine test to check reliability of pump(s)	NA	
k	Check condition and conduct function test of all pump starters and their controls including level control systems	NA	
l	Standby generator load test	NA	
2	Annually/ As required (before year-end monsoon season)		
a	Desilting of detention drain has been carried out.		
b	Inspect, service, replace, lubricate and test performance of pump(s)	NA	
c	Inspect protective devices such as overload, earth fault, residual current relays (LEW to certify the safety and condition of the electrical equipment)	NA	
d	Check condition and conduct function test of all pump starters and controls including level control systems. Replace faulty and worn-out parts if required.	NA	
e	Standby generator: service engine, top up engine oil, check radiator, charger, batteries, starting system, etc.	NA	