

## Sand Filter As-Built Checklist

Project: \_\_\_\_\_

Date: \_\_\_\_\_

	<b>Description</b>	<b>Design</b>		<b>As-Built</b>	
1	Sand Filter Type (Open/Underground)				
2	Percent Impervious				
3	Drainage Area				
4	Water Quality Volume				
a	Adjusted Water Quality Volume				
5	Sediment Chamber Specifications:				
a	Bottom elevation				
b	Depth				
c	Surface area (ft <sup>2</sup> )				
d	Volume (ft <sup>3</sup> ) available				
6	Sand Filter Chamber Specifications:				
a	Elevation at top of filter media				
b	Depth of filter media				
c	Filter bed area				
d	Volume (ft <sup>3</sup> ) available				
e	Type & size of filter media				
7	Percent of water quality volume stored in sediment chamber & facility				
8	Underdrain System Specifications:				
a	Size & type of perforated pipe				
b	Number of branch lines				
c	Invert elevation of underdrain				
d	Invert elevation of outflow pipe at outlet				
e	Depth of gravel jacket				
9	Invert elevation of overflow / bypass structure				
10	Elevation of bypass weir				
11	Dissipator pad length & width				
12	If underground, elevation of top of vault ceiling				
13	If open, All embankments provided with permanent ground cover (Y/N)				
14	Maintenance schedule provided? (Y/N)				
15	Engineer's certification on as-builts (Y/N)				
16	Maintenance agreement Intake Form submitted to City Attorney (Y/N)				
17	Maintenance easement metes & bounds & plat submitted to City Attorney (Y/N)				
18	Marked up as-built drawing included (Y/N)				



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### ENGINEER'S CERTIFICATION OF STORMWATER CONTROL COMPLETION

I certify that, pursuant to generally accepted engineering standards in the community, it is my professional opinion that the stormwater control(s) labeled as \_\_\_\_\_ has been completed in conformance with the plans and specifications approved on \_\_\_\_\_, has its full design volume available, and is functioning as designed and complies with the requirements of 15A NCAC 2H.1000.

P.E. SEAL:

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_