Attachment A – Post-Construction Stormwater Control Review Form

UNL requires that the Architect/Engineer prepare and submit relevant stormwater calculations and narratives relative to Post-Construction Stormwater Controls (PCSWCs) for all new development or significant redevelopment projects on the UNL City and East Campuses that disturb land in excess of 1/2 acre in size. Calculations and narrative shall be provided to FPC and EHS at the beginning stages of the design process. Fill out the appropriate sections of this document and attach any applicable information (e.g. site plans, drainage area summaries) regarding any Low Impact Development (LID) or Best Management Practices (BMPs) being used. PCSWCs must provide water quality to no less than the first one half inch of runoff from the site and water quantity control to the maximum extent practicable. Refer to the Storm Water Drainage Systems – UNL Lincoln Campus design guidelines for stormwater standards and details to the requirements. BMPs and calculations shall conform to the City of Lincoln Drainage Criteria Manual, Chapter 8, Stormwater Best Management Practices.

PCSWC Information: SUBMIT via email to: stormwater@unl.edu

UNL Project Number: _____
Campus: _____
Project Name: _____
Address: _____
_____
_____

Submitted by: _____
Company: _____
Email: _____
Phone Number: _____
Date submitted: _____
Estimated Projected start: _____

Site Area Detail: (Example: Bioretention Basin, Permable Pavers, etc.)

Total Site Area (acres)			
Disturbed Area (acres)		Undisturbed Area (acres)	

Pre-Construction		Post-Construction	
Impervious Area		Impervious Area	
Pervious Area		Pervious Area	

Is a design guideline waiver required? (No) ☐ (Yes) ☐ Please explain:

Attach the design guideline waiver to this document if applicable.

Water Quality:

Prepare and submit calculations and narrative of the amount of water captured and treated on-site by the specifically selected PCSWC(s). The site is required to capture and treat the first one half inch of stormwater runoff from the site. Use the WQCV equation described in City of Lincoln Drainage Criteria Manual, Chapter 8, Stormwater Best Management Practices to determine the required storage volume.

Required Storage Volume: | Storage Volume Provided:

Is the Water Quality storage volume provided by the PCSWC greater than the required storage volume. (YES) ☐ (NO) ☐ Please provide the water quality narrative below:

Water Quantity:

Prepare and submit a narrative describing the key elements for post-development flow control and attach any relevant data or calculations that compare and contrast pre- and post-development site hydrology characteristics. Consideration should be given to the 2-, 10- and 100-year storm events.

Please attach any relevant stormwater quantity calculations that support the narrative.

Plan Review:

Narrative description and use of each proposed post-construction structural stormwater controls, and, if applicable a description of any site constraints that prohibit achievement of UNL's Design Guideline standards for water quality and/or quantity.

Description of design standards relating each proposed post-construction storm water control to the City of Lincoln Drainage Criteria Manual, Chapter 8, Stormwater Best Management Practices City of Lincoln.

Estimates of post-construction structural stormwater controls lifespan and operation and maintenance costs. Identify any specialized equipment that is necessary or that would need access to maintain the PCSWC in perpetuity.