



## Certification Form for Detention/Water Quality Basin

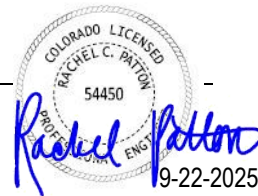
Project Name: LINCOLN PROFESSIONAL PARK  
 Project Description: COMMERCIAL SUBDIVISION W/ 6 LOTS & 2 TRACTS  
 Date: 9/2/25

THIS DOCUMENT MUST BE PREPARED, SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

Description	Design	As-Constructed	Notes/Comments
EURV Volume (Including WQCV)	0.737 acre-ft	0.736 acre-ft	
EURV Water Surface Elevation	5818.93	5818.85	
100-Year Volume	0.990 acre-ft	1.098 acre-ft	
100-Year Water Surface Elevation	5819.70	5819.35	
EURV Weir Elevation	5818.93	5818.96	
Bottom Width of EURV Weir	13.90 ft	13.90 ft	
Water Quality Plate Configuration (Rows/Quantity/Size)	1 ROW/3 HOLES/1-3/8" DIA	1 ROW/3 HOLES/1-3/8" DIA	
Lowest Water Quality Hole Elevation	5814.85	5814.81	
Invert Elevation of Outlet Structure Outlet Pipe	5812.04	5811.95	
Outlet Pipe Orifice Size (Diameter for circular orifice and height from pipe invert for plate orifice)	18 in	18 in	
Emergency Spillway Crest Elevation	5820.04	5820.01	
Emergency Spillway Crest Length	25 ft	22.8 ft	
Emergency Spillway Crest Depth	0.47 ft	0.49 ft	
Emergency Spillway Capacity (With 1 foot min freeboard)	85.51 cfs	91.77 cfs	

**RACHEL PATTON**

Printed Name



9-22-2025

Signature