

## HSPF REVIEWER CHECKLIST

<b>HSPF Reviewer Checklist:</b>	<b>Yes</b>	<b>No</b>
1. Received HSPF project (UCI) files?		
2. Received HSPF WDM (WDM) file?		
3. WDM precipitation data complete?		
4. WDM potential evapotranspiration data complete?		
5. WDM irrigation included?		
6. Simulated Pre-project runoff time series included in WDM?		
7. Simulated Mitigated runoff time series included in WDM?		
8. Simulated Mitigated stage time series included in WDM?		
9. UCI files start and end dates within WDM data period?		
10. Pre-project PERLNDs and IMPLNDs match site conditions?		
11. Mitigated PERLNDs and IMPLNDs match development?		
12. Mitigation facilities match development?		
13. Precipitation MFACT adjusted for site location?		
14. PERLND parameter values appropriate for soils?		
15. PERLND parameter values appropriate for vegetation?		
16. PERLND parameter values appropriate for land slopes?		
17. PERLND SURO and IFWO connected to RCHRES?		
18. Schematic drainage areas match drainage maps/drawings?		
19. RCHRES FTABLE facility dimensions match drawings?		
20. FTABLE discharge values match discharge equations?		
21. FTABLE infiltration column turned on for infiltration facilities?		
22. Precip and PET applied to open mitigation facilities?		
23. Routing connections correct?		
24. DISPLY output of Pre-project annual max runoff values?		
25. Flow frequency calculations based on Weibull?		
26. Flow duration range based on 20% of 5-year to 10-year?		
27. Pre-project DURANL output of flow duration results?		
28. Mitigated DURANL output of flow duration results?		
29. Mitigated flow duration results do not exceed criteria?		
30. Check facility drawdown (if included):		
a. Mitigated stage?		
b. Drawdown times okay?		
31. Other issues?		
<b>HSPF submittal APPROVED?</b>		