

USGS Field Form 3. Reach Characterization

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[Fill out one form for each reach. Items in **bold** are required for NAWQA national data aggregation. Circle units of measure where appropriate. Abbreviations in parentheses refer to parameter codes in the NAWQA data dictionary]

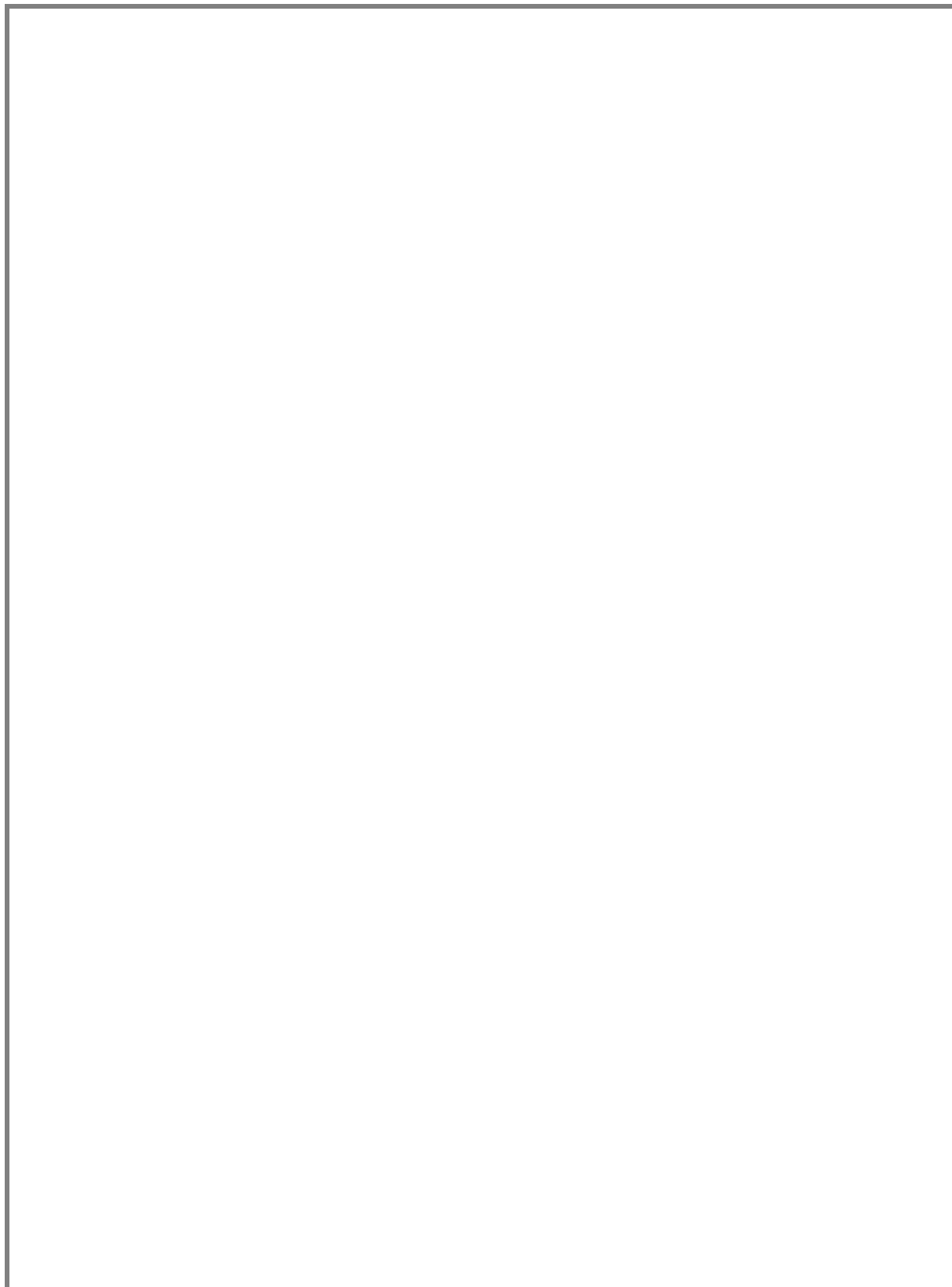
1. Study Unit (SUID): _____
2. Station ID (C001 or STAID): _____
3. Date (DATE): ____ - ____ - ____ (mm-dd-yyyy)
4. Reach (REACHSEQ): **A B C D E**
5. Station name (C900): _____
6. Description of reference location (REFLOC): _____
7. Investigators (INVEST): _____
8. Quality of habitat sampling effort (RCHQUAL): (circle one) **excellent good fair poor**
9. Comments on habitat sampling or conditions (REACHCOM): _____

10. Stage (STAGE): _____ meters feet
11. Method (STAGEMD): **ADR staff tape-down**
12. Instantaneous discharge (DISCH): _____ **m³/s ft³/s**
13. Method (DISCHMD): **gage wading rod estimated other** _____
14. Channel modification at reach (CHMOD): **concrete lined stabilized dredged**
channelized, not stabilized wing dams lightly affected not modified
15. Mean channel width (MCW): 1 ____ 2 ____ 3 ____ mean ____ meters feet
16. Curvilinear reach length (REACHLEN): _____ **meters feet**
17. Distance between transects (TRANDIS): _____ meters feet
18. Curvilinear distance from reference location to reach (upstream is negative, downstream is positive):
 Upstream end (USRCHEMD) _____ **meters feet**
 Downstream end (DSRCHEMD) _____ **meters feet**
19. Location of boundary markers (circle one for each):
 Upstream boundary (USBMBK) left right both
 Downstream boundary (DSBMBK) left right both
20. Boundary marker descriptions (USBMDESC, DSBMDESC): _____

21. Water-surface gradient (RCHGRAD): _____ **thalweg gradient (THGRAD):** _____
22. Method for reach gradient (RCHGRAMD): **surveying level clinometer hand level other**
23. Geomorphic channel units (in "Gcu" file), length measured in (circle one): **meters feet**

Sequence (GCUSEQ)	Type (circle one) (GCUTYPE)	Length (GCULEN)	Sequence (GCUSEQ)	Type (circle one) (GCUTYPE)	Length (GCULEN)
1	pool riffle run		11	pool riffle run	
2	pool riffle run		12	pool riffle run	
3	pool riffle run		13	pool riffle run	
4	pool riffle run		14	pool riffle run	
5	pool riffle run		15	pool riffle run	
6	pool riffle run		16	pool riffle run	
7	pool riffle run		17	pool riffle run	
8	pool riffle run		18	pool riffle run	
9	pool riffle run		19	pool riffle run	
10	pool riffle run		20	pool riffle run	

24. Diagrammatic map: Station ID _____ Reach A B C D E Date ____-____-____

A large, empty rectangular box with a thin black border, intended for a diagrammatic map. It occupies the majority of the page below the header information.