

Level 3 Qualified Data Collector Requirements - as contained in OAC Rule 3745-4-03

3/1/06

	Stream Habitat Assessment	Fish Community Biology	Benthic Macroinvertebrate Biology	Chemical Water Quality Assessment
General Knowledge	A general knowledge of stream and riverine physical forms and habitat features	A general knowledge of stream and riverine physical forms and habitat features	A general knowledge of stream and riverine physical forms and habitat features	A general knowledge of stream and riverine physical forms and habitat features
Specialized Knowledge		Knowledge of Ohio EPA electrofishing sampling protocols, and data assessment procedures	Knowledge of Ohio EPA macroinvertebrate field sampling, laboratory analysis, and data assessment procedures	
		Knowledge of and the ability to accurately use fish taxonomic references and dichotomous keys to identify midwestern fish to the level of species	Knowledge of and the ability to accurately use macroinvertebrate taxonomic references and dichotomous keys to identify midwestern aquatic macroinvertebrates to the level of taxonomy used by Ohio EPA	
Training by Ohio EPA or Authorized Person	Within the last two years, attended training and achieved a passing mark in the qualitative habitat evaluation index testing offered by Ohio EPA or a person authorized pursuant to this chapter to provide such training	Maintained qualifications to conduct fish assessments and habitat assessments as a Certified Professional in the Voluntary Action Program (pursuant to rule 3745-300-05) or, within the last two years, attended training and achieved a passing mark in an equivalent training program offered by Ohio EPA or a person authorized under this chapter to administer such training.	Maintained qualifications to conduct macroinvertebrate assessments as a Certified Professional in the Voluntary Action Program (pursuant to rule 3745-300-05) or, within the last two years, attended training and achieved a passing mark in an equivalent training program offered by Ohio EPA or a person authorized under this chapter to administer such training.	

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	Stream Habitat Assessment	Fish Community Biology	Benthic Macroinvertebrate Biology	Chemical Water Quality Assessment
College or Practical Experience		College-level course credit in ichthyology or two years practical experience in the identification of midwestern fish species	College-level course credit in aquatic invertebrate zoology or two years practical experience in the identification of aquatic macroinvertebrates	Completed and achieved passing marks in undergraduate core course work in a biological, microbiological, chemical, natural or physical science, or has four years of pertinent laboratory experience performing water quality testing and analysis, or has four years of pertinent experience in chemical water quality data analysis, interpretation and report writing
		Completed and achieved passing marks in undergraduate core course work in limnology, aquatic biology, environmental sciences or a related discipline, or has two years practical experience in environmental assessment work	Completed and achieved passing marks in undergraduate core course work in limnology, aquatic biology, environmental sciences or a related discipline, or has two years practical experience in environmental assessment work	
Practical Experience		Two years of practical experience involving work in developing biological water quality sampling and analysis plans, quality assurance plans, and data quality objectives processes	Two years of practical experience involving work in developing biological water quality sampling and analysis plans, quality assurance plans, and data quality objectives processes	Two years of practical experience involving work in developing microbiological or chemical water quality sampling and analysis plans, quality assurance plans, and data quality objectives processes
		Two years practical experience in using electrofishing sampling techniques		Two years of practical experience involving water quality sampling techniques and water quality sampling equipment