

Qualification Requirements for Working on Clean Water Act 404/401 Components of ADOT Projects in Development, Maintenance or Construction

General Clean Water Act (CWA) 404/401 Specialist –

Authorized duties include: field reviews; survey for wetland and riparian vegetation, documenting potential jurisdictional Waters of the U.S. (WOTUS) including but not limited to jurisdictional delineations and wetland delineations; preparation of jurisdictional determination requests; preparation of permit assessment memorandum, preparation of permit pre-construction applications for 404 Individual permits, Regional General Permits, and Nationwide permits; preparation of 401 water quality certification applications for project occurring throughout the State, including tribal lands.

GENERAL CWA 404/401 SPECIALIST QUALIFICATION REQUIREMENTS: Successful completion of a full four-year course of study in an accredited college or university leading to a bachelor's or higher degree which included a major field of study in biological sciences, aquatic resources, botany, ecology, or related disciplines appropriate to the services provided or a combination of education and equivalent experience relevant to transportation/construction aquatic resources totaling a minimum of four years.

1. A minimum of one (1) year of experience* including previous work completing jurisdictional delineation and permit application(s) in Arizona or the Arid Southwest
2. A minimum of one (1) year of experience conducting wetland delineations, stream and wetland classifications, habitat assessments, soil assessment, and vegetation identification and management
3. Knowledge of and experience with federal and state rules, laws, and policies that apply to the 401/404 permitting process
4. Knowledge of the US Army Corps of Engineers guidance on Jurisdictional Delineations and Ordinary High Water Mark
5. Knowledge of hydrology and regional riparian and wetland botany
6. Proficiency with GIS software and GPS equipment for delineating water resource features

Senior CWA 404/401 Specialist –

Authorized duties Include: oversight of Clean Water Act Permit Specialists; completion of all activities outlined above for Clean Water Act Permit Specialists plus review and QA/QC on all jurisdictional determination requests and CWA permit applications.

SENIOR CWA 404/401 SPECIALIST QUALIFICATION REQUIREMENTS: Bachelor's degree or higher in biological sciences, aquatic resources, botany, ecology, or closely related field.

1. Minimum of three (3) years of experience* including previous work completing jurisdictional delineation and permit application(s) in Arizona or the Arid Southwest
2. Minimum of three (3) years of experience conducting wetland delineations, stream and wetland classifications, habitat assessments, soil assessment, and vegetation identification and management
3. Completed the Wetland Training Institutes Basic Wetland Delineation training course (or equivalent, minimum 38 hours of class time including in-field training)
4. Proficient understanding and experience with federal and state rules, laws, and policies that apply to the 401/404 permitting process
5. Proficient understanding of US Army Corps of Engineers guidance on Jurisdictional Delineations and Ordinary High Water Mark
6. Proficient with the US Army Corps of Engineers guidance on Wetland Delineations including Arizona and Arid Southwest
7. Proficient understanding of hydrology and regional and wetland botany
8. Experience with preparing CWA Section 404 Permit packages and Section 401 Water Quality Certification Applications
9. Proficiency with GIS software and GPS equipment for delineating water resource features

*Project experience documented on resume or CV sheet