

49. **"Qualified environmental professional"** means a person, including a firm headed by such person, who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases to the surface or subsurface of a site or off-site areas, sufficient to meet the objectives and performance factors for the areas of practice identified by this guidance. Such a person must:

i. hold a current professional engineer's or a professional geologist's license or registration and have the equivalent of three (3) years of full-time relevant experience in site investigation and remediation of the type detailed in this guidance; or

ii. be a site remediation professional licensed or certified by the federal government, a state or a recognized accrediting agency, to perform investigation or remediation tasks identified by this guidance, and have the equivalent of three (3) years of full-time relevant experience. Examples of such license or certificate include the following titles:

(1) Licensed Site Professional, by the State of Massachusetts;

(2) Licensed Environmental Professional, by the State of Connecticut;

(3) Qualified Environmental Professional by the Institute of Professional Environmental Practice; or

(4) **Certified Hazardous Materials Manager, by the Institute of Hazardous Materials Management.**

50. **"Qualitative exposure assessment"** means an evaluation to determine the route, intensity, frequency, and duration of actual or potential exposures of humans and/or fish and wildlife to contaminants.

51. **"Quality assurance"** means the total integrated program for assuring the reliability of monitoring and measurement data which includes a system for integrating the planning, assessment and improvement efforts to meet data end use data quality requirements.

52. **"Quality assurance project plan" or "QAPP"** means a document which presents in specific terms the policies, organization, objectives, functional activities and specific quality assurance/quality control activities designed to achieve the data quality goals or objectives of a specific project or operation.

53. **"Quality control"** means the routine application of procedures for attaining prescribed standards of performance in the monitoring and measurement process.

54. **"Receptor"** means any humans or biota which are, or may be expected to be, or have been, exposed to or affected by a contaminant from a site.

55. **"Regulated wetland"** means any tidal or freshwater wetland regulated by New York State under ECL Articles 15, 24 and 25 and as defined in 6 NYCRR 608.5, 661.4(hh) and 663.2(p)

56. **"Release"** means any pumping, pouring, emitting, emptying or leaching, directly or indirectly, of a contaminant so that the contaminant or any related constituent thereof, or any degradation product of such a contaminant or of a related constituent thereof, may enter the environment, or the disposal of any contaminant. [see 6 NYCRR 375-1.2(am)]. This includes discharges from a pipe, except discharges pursuant to and in compliance with the conditions of a valid state or