

Guidance on LSRP Use of Artificial Intelligence – 8/3/26

Artificial Intelligence (AI) is increasingly incorporated into environmental consulting practice. This guidance document is intended to assist LSRPs in understanding how existing Board regulations apply to the appropriate use of AI and Generative AI and offer advice on best practices for the use of AI in Site Remediation. While it is appropriate for LSRPs to utilize AI and Generative AI tools in data analysis and analytics, predictive modeling, remediation optimization, monitoring, and regulatory and technical document preparation, LSRPs must adhere to the ethical and practical considerations set forth in the Regulations of the New Jersey Site Remediation Professional Licensing Board (N.J.A.C. 7:26I).

Compliance with SRPL Board Rules

Three requirements from the SRPL Board Regulations are especially relevant when using AI.

First and foremost, LSRPs must always exercise **independent professional judgment**, document their decision-making, and remain fully responsible for the decisions made and conclusions drawn in the LSRPs' certified work products. [N.J.A.C. 7:26I-6.8, **Exercise of Independent Professional Judgment**].

Second, LSRPs should recognize that because AI tools rely heavily on the quality of the data on which they are trained, poor or biased data can lead to inaccurate predictions and assessments, potentially compromising the remediation process. Therefore, LSRPs must verify AI predictions and assessments against known data in order to exercise **reasonable care and diligence** when using AI in the performance of their duties. [N.J.A.C. 7:26I-6.3(d), **Exercise Reasonable Care and Diligence**].

Finally, the SRPL Board Regulations require that LSRPs shall **not certify** any document unless they make a good faith and reasonable effort to determine that the information is true, accurate, and complete [N.J.A.C. 7:26I-6.24, **Certification**]. LSRPs must ensure that qualified professionals verify AI-generated results to avoid reliance on potentially flawed outputs. [N.J.A.C. 7:26I-6.3(d), **Exercise Reasonable Care and Diligence**; N.J.A.C. 7:26I-6.24, **Certification**].

Additional Recommendations

In addition to compliance with the SRPL Board Regulations, the Board recommends that LSRPs adhere to the following guidelines to ensure ethical use of AI.

LSRPs should always:

- Disclose in writing when AI tools were used to contribute to LSRP-issued documents

The Board acknowledges that as AI continues to evolve over time it may be necessary to update and revise this guidance.

- Utilize AI as a tool only, not relying upon it as if it were a “subject-matter expert”
- Verify AI outputs to avoid errors, inclusion of outdated information, or incorporation of "hallucinations" (fabricated content presented as fact)
- Limit the use of AI to areas within their professional competence, supported by appropriate training
- Avoid conflicts of interest with AI models or vendors
- Ensure that confidential, proprietary, and client information is protected when using AI tools and comply with all contractual, legal, and ethical obligations regarding confidentiality and data security