



## New Jersey Department of Environmental Protection Site Remediation and Waste Management Program

### INSTRUCTIONS FOR THE ALTERNATIVE OR INTERIM REMEDIATION STANDARD AND/OR SCREENING LEVEL APPLICATION FORM

#### General Instructions

**Applicability:** Use this form to:

- Request New Jersey Department of Environmental Protection (NJDEP) pre-approval for those alternative or interim standards, ecological risk-based remediation goals, ecological risk management decision goals, or screening levels that require NJDEP pre-approval.
- Notify the NJDEP of the implementation of alternative or interim new standards or screening levels that do not require NJDEP pre-approval.

See the Remediation Standards, N.J.A.C. 7:26D-8 ([http://www.nj.gov/dep/srp/regs/rs/rs\\_rule.pdf](http://www.nj.gov/dep/srp/regs/rs/rs_rule.pdf)), Technical Requirements N.J.A.C. 7:26E-4.8, and Section C of this document to determine when NJDEP pre-approval is and is not required.

1. **Updates:** The NJDEP may update this form periodically. Please ensure you are using the latest version of this form. Download the latest version of this form from the NJDEP Website: <http://nj.gov/dep/srp/srra/forms/>.
2. **Signatures:** The form must be signed by the person responsible for conducting the remediation and the Licensed Site Remediation Professional (LSRP).
3. **Submittal:**

Completed forms and supporting documentation should be sent to:

Bureau of Case Assignment & Initial Notice  
Site Remediation Program  
NJ Department of Environmental Protection  
401-05H  
PO Box 420  
Trenton, NJ 08625-0420

#### Section A. Site Name and Location

- **Site Name:** Provide the name of the site (i.e., ABC Corporation);
- **List all AKAs:** Provide all other known names for the site;
- **Street Address:** Provide the street address for the site. NOTE: This should be the physical location of the site - not the mailing address;
- **Municipality:** Provide the name of the municipality in which the facility is physically located and indicate if it is a township, borough, village, or city. NOTE: This should be the name of the incorporated municipality and not the local name;
- **County:** Provide the name of the county where the site is located;
- **Zip code:** Self-explanatory;
- **Program Interest (PI) Numbers:** The PI Number is assigned by the NJDEP and can be obtained via the web at <http://www.nj.gov/dep/srp/> (DEP DATA MINER REPORTS). If this is a new site with no previous SRP involvement, leave blank.
- **Case Tracking Numbers:** Provide all NJDEP-generated site identification numbers (Hotline incident numbers, UST Notice of Intent to Close numbers, ISRA numbers, etc.);

#### Section B. Remediation Standard Notification Spreadsheet

A completed **Remediation Standard Notification Spreadsheet** must be submitted with this form. This form will not be processed by the NJDEP if the spreadsheet is not attached. The spreadsheet can be found at:

<http://nj.gov/dep/srp/srra/forms/> .

## Section C. Purpose for Submission

Select the reason for submitting this form. The Remediation Standards/Goals that require NJDEP pre-approval are listed first. The Remediation Standards/Screening Levels that do not require NJDEP pre-approval are listed second. Additional information about when NJDEP pre-approval is required can be found in the Remediation Standards, N.J.A.C. 7:26D-8 at: [http://www.nj.gov/dep/srp/regs/rs/rs\\_rule.pdf](http://www.nj.gov/dep/srp/regs/rs/rs_rule.pdf), the Technical Requirements N.J.A.C. 7:26E-4.8, and the information provided below. The ARS guidance documents and calculators are found at <https://www.nj.gov/dep/srp/guidance/rs/>.

### 1. Pre-Approval Required - Supporting Documentation

Provide a detailed rationale and documentation to support each proposed Remediation Standard, Goal, or Screening Level, including but not limited to the following:

- a. Development of an interim remediation standard;
- b. New risk assessment methodology or models;
- c. Alternative land use planned for the site; and/or
- d. Site-specific conditions that support modification of input parameters used to develop the alternative soil remediation standards for the ingestion-dermal, inhalation, and migration to ground water exposure pathways, and/or indoor air remediation standard for the vapor intrusion exposure pathway pursuant to N.J.A.C. 7:26D Appendices 6 through 9.

#### Ingestion-Dermal Exposure Pathway

- Alternative soil remediation standard developed for the ingestion-dermal exposure pathway.
- Interim remediation standards developed pursuant to N.J.A.C. 7:26D-6.2.

#### Inhalation Exposure Pathway

- Alternative soil remediation standard developed for the inhalation exposure pathway based on exposure factors.
- Interim remediation standards developed pursuant to N.J.A.C. 7:26D-6.2.

#### Migration to Ground Water Exposure Pathway

- Alternative remediation standards developed using a site-specific DAF and spreadsheet as described in "Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway."
- Alternative remediation standards using the SESOIL model as described in "Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway."
- Alternative remediation standards developed using the SESOIL/ AT123D model as described in "Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway."
- Alternative remediation standards developed using a Ground Water Quality Standard for Class I or Class III classification.
- Interim remediation standards developed pursuant to N.J.A.C. 7:26D-6.2.

#### Vapor Intrusion Exposure Pathway

- Alternative indoor air remediation standard developed for the vapor intrusion exposure pathway.
- Interim remediation standards developed pursuant to N.J.A.C. 7:26D-6.2.

#### Ecological Risk Based Remediation Goal and Ecological Risk Management Decision Goal

- Cleanup goals based on a background study, an Ecological Risk-Based Remediation Goal, or an Ecological Risk Management Decision Goal, and shall be developed pursuant to the NJDEP Ecological Evaluation Technical Guidance ([http://www.nj.gov/dep/srp/guidance/#eco\\_eval](http://www.nj.gov/dep/srp/guidance/#eco_eval)).

### 2. NO Pre-Approval Required - Supporting Documentation

Provide a detailed rationale and documentation to support each proposed Remediation Standard or Screening Level including but not limited to the following: Site-specific conditions that support modification of input parameters used to develop the alternative soil remediation standards for the inhalation and migration to ground water exposure pathways pursuant to N.J.A.C. 7:26D Appendices 7 and 8, and/or vapor intrusion screening levels pursuant to the "Vapor Intrusion Technical Guidance" (VIT).

### **Inhalation Exposure Pathway**

While pre-approval of the following alternative remediation standards is not required, it is likely they will be reviewed by the NJDEP.

- Alternative soil remediation standards developed based on site-specific conditions that support modification of input parameters used to develop alternative remediation standards pursuant to N.J.A.C. 7:26D-Appendix 7 and using the NJDEP “Inhalation Exposure Pathway Alternative Remediation Standards Calculator” (<https://www.nj.gov/dep/srp/guidance/rs/>).

### **Migration to Ground Water Exposure Pathway**

While pre-approval of the following standards is not required, it is likely they will be reviewed by the NJDEP.

- Alternative remediation standards developed using SPLP guidance and SPLP calculator as described in “Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway” except where site-specific DAF is used.
- Alternative remediation standards developed using the Soil-Water Partition Equation and calculator as described in “Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway” except where site-specific DAF is used.
- Site-specific soil organic carbon content developed using the calculator as described in “Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway” (also indicate the ARS option where this is utilized).
- Narrative Standards
  - Site-specific data for immobile chemicals as described in “Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway.”
  - Site-specific data for metals, semi-volatile contaminants, and volatile contaminants as described in “Alternative Remediation Standards Technical Guidance for the Migration to Ground Water Exposure Pathway.”

### **Vapor Intrusion Exposure Pathway**

- Although NJDEP pre-approval is not required, NJDEP recommends pre-approval for any alternative or interim vapor intrusion screening level, including Ground Water Screening Levels (GWSLs), Soil Gas Screening Levels (SGSLs), and Rapid Action Levels (RALs) for indoor air. The use of site-specific screening levels, modeling, or other approaches will likely trigger a NJDEP review. SGSLs and RALs for indoor air are derived directly from their respective Indoor Air Remediation Standards; therefore, a pre-approved alternative indoor air remediation standard is also necessary. The NJDEP “Vapor Intrusion Technical Guidance” (VIT) and applicable contacts for questions on the pathway and site-specific options may be accessed at <https://www.nj.gov/dep/srp/guidance/vaporintrusion/>.

### **Alternative Ecological Screening Criteria**

- Although NJDEP pre-approval is not required, NJDEP recommends that any use of alternative ecological screening criteria be reviewed by NJDEP prior to use. This includes using a severe effects level (SEL) or effects range – median (ER-M) in place of a lowest effects level (LEL) or effects range low (ER-L).

## **Section D. Person Responsible For Conducting the Remediation Information and Certification**

The certification in this section shall be signed and dated by the person responsible for conducting the remediation. The certification in this section shall **not** be signed by the licensed site remediation professional or law firm hired to assist the owner or operator with their compliance obligations. The certification required in this section shall be executed as follows:

1. For a corporation or limited liability company, by a principal executive officer of at least the level of vice president; or
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, state, Federal or other public agency, by either a principal executive officer or ranking elected official; or
4. By a duly authorized representative of the corporation, partnership, sole proprietorship, municipality, state or Federal or other public agency, as applicable. A person is deemed to be a duly authorized representative if the person is authorized in writing by an individual described in 1, 2 or 3 above and the authorization meets the following criteria:
  - i. The authorization specifies either an individual or a position having responsibility for the overall operation of the industrial establishment or activity, such as the position of plant manager, or a superintendent or person of equivalent responsibility (a duly authorized representative may thus be either a named individual or any individual occupying a named position);

- ii. The written authorization is submitted to the NJDEP along with the certification; and
- iii. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the industrial establishment or activity, a new authorization satisfying the requirements of this section shall be submitted to the NJDEP prior to or together with any reports, information, or applications to be signed by an authorized representative.
  - Provide the full legal name of the person responsible for conducting the remediation;
  - Provide the full name of the representative of the person responsible for conducting the remediation, pursuant to N.J.A.C. 7:26C-1. Enter “Same” if the representative is the same person as the person responsible for conducting the remediation;
  - Provide the title of the representative of the person responsible for conducting the remediation;
  - Provide the telephone number, extension number, and fax number of the representative of the person responsible for conducting the remediation;
  - Provide the mailing address, including the city/town, state, and zip code of the representative of the person responsible for conducting the remediation;
  - Provide the email address of the representative of the person responsible for conducting the remediation;
  - The representative for the person responsible for conducting the remediation shall provide:
    - ❖ His/her signature where indicated;
    - ❖ His/her name and title (i.e., President, CEO); and
    - ❖ The date when the signing occurred. See N.J.A.C. 7:26C-1 to determine who can sign the form.

#### **Section E. Licensed Site Remediation Professional Information and Statement**

- LSRP ID Number: Note the Licensed Site Remediation Professional ID Number.
- Provide the name, phone number, email and mailing address (city/town, state, zip code) of the Licensed Site Remediation Professional.
- The certification in this section shall be signed and dated by the Licensed Site Remediation Professional.