

## RECEPTOR EVALUATION VERSION 2.5 TO 2.6

### CHANGE LOG

Deleted “Site Remediation and Waste Management Program” and replaced it with “Contaminated Site Remediation and Redevelopment”

#### 1. Applicability

- Deleted “7:26E-1.15” and replaced it with “7:26E-1.12”
- Updated the link to the Receptor Evaluation FAQs
- Deleted the link to the Receptor Evaluation Quick Reference Guide. Deleted “The form should be completed in full with each submission.” and replaced it with “If applicable, the form should be completed in full with each submission listed in 2 below.

#### ○ 2. Timeframe

- Deleted “(IEC)” and capitalized Source Control Report
- Added the word “form” to: “A receptor evaluation form is not...”
- Added: “However, an ecological evaluation is still required pursuant to N.J.A.C. 7:26E-1.16.”

#### 3. Updates

- Updated the link to the forms page

#### 5. Filing

- Added the email address: [Srp\\_submissions@dep.nj.gov](mailto:Srp_submissions@dep.nj.gov)
- Deleted “Site Remediation Program” and replaced it with “Contaminated Site Remediation and Redevelopment”

#### Section A. Site

- Updated the link to the data miner reports page
- Deleted “and/or ISRA numbers” and replaced it with “or ISRA numbers, or both”
- Deleted “as” and replaced it with “that”
- Deleted “confirmed discharge” and replaced it with “confirmed discharge pursuant to N.J.A.C. 7:26E-1.12(c).”
- Deleted ““Updated Receptor Evaluation Submission” and replaced it with “Updated Receptor Evaluation Submission” pursuant to N.J.A.C. 7:25E-1.12(d) and (e).”
- Deleted “pursuant to N.J.A.C. 7:26E-1.12

- Deleted- “IEC Source Control Report” and replaced it with “Immediate Environmental Concern Source Control Report”
- Deleted- The Receptor Evaluation Form must be submitted with the following submissions: IEC Source Control Report, Remedial Investigation Report and/or Remedial Action Report
- Changed locations of descriptions for when the receptor evaluation must be evaluated and updated compared to when the receptor evaluation must be updated and submitted.

## Section B. On site and Surrounding Property Use

- Deleted “Indicate on the Form that none” and replaced it with “Indicated on the form if any”

## Section C. Attached Documents

Added:

This section provides a list of documents that could be required to be submitted with the receptor evaluation.

Note: All electronic copies should be provided in Adobe PDF file format. All the documents required below can be combined into a single Adobe PDF file.

Appropriate tables comparing sampling results to all appropriate remediation standards N.J.A.C. 7:26D, Vapor Intrusion screening levels and ecological screening criteria pursuant to N.J.A.C. 7:26E-1.5.

Map and figures showing all sampling locations, including depths with sample results pursuant to N.J.A.C. 7:26E-1.6(b)8.

N.J.A.C. 7:26E-1.6(b)8: Maps and figures, with map scale and orientation, including:

- i. Site location, land use, receptor evaluation, and area of concern maps;
- ii. Sample location map(s), that include the following: (1) Field identification numbers for all samples; (2) Sample locations, sample depths and contaminant concentrations plotted on the map; and (3) If data for more than 25 samples are presented for an area of concern, soil, ground water and sediment contaminant isopleth maps and cross section diagram(s), including the horizontal and vertical distribution of contaminants in each media, with sample point location numbers and contaminant concentrations; and
- iii. Ground water elevation contour maps showing the location of all monitoring wells, piezometers, or other ground water sampling points, for each set of static ground water level measurements for each aquifer or water bearing zone

- Figures showing Vapor Intrusion investigation areas including ground water contamination plume(s), ground water concentration isopleths, soil-gas sampling locations, indoor air sampling locations, analytical data compared to appropriate screening levels and remediation standards and all other applicable information.
- Figures showing Ecological Evaluation investigation areas including migration pathways, media sampling locations, environmentally sensitive natural resource locations, analytical data compared to appropriate screening levels and all other applicable information.

## Well Search

A well search can be obtained through DEP Dataminer. Pursuant to N.J.A.C. 7:26E-1.14(a)1iv, the well search must include the following: A map of all well locations (except monitoring wells, borings, and other non-pumping wells) identified in the half-mile and one-mile radius searches from each point of ground water contamination; and A spreadsheet of all wells identified, and all the sources of records used to construct the search, including local or county health departments. The template spreadsheet can be downloaded at NJDEP| Contaminated Site Remediation & Redevelopment Program | Forms. Additional guidance can be found under Administrative Guidance at <https://dep.nj.gov/srp/guidance/>

## Door-to-door survey results

All properties within the trigger distances identified in N.J.A.C. 7:26E-1.14(a)1ii. must be evaluated to determine the existence of any unpermitted potable or irrigation wells however not every door must be visited to complete the door-to-door survey. Alternative methods on how to evaluate properties can be found by viewing the [RE FAQs](#) document. Well survey questionnaires should be sent to all properties within the sampling trigger distance via certified mail and standard mail to encourage a maximum neighborhood response to the inquiry. A follow-up inquiry/mailing should occur with any property owner who did not respond to the well survey questionnaire.

Office of Natural Lands Management Natural Heritage program letter or summary of NJDEP GeoWeb Landscape Project data."

Additional information can be found at

<https://www.nj.gov/dep/parksandforests/natural/heritage/request.html>. A Natural Heritage letter is a requirement if a Land Use Permit will be sought after in the future.

Previous NJDEP approvals or, correspondence pertaining to the receptor evaluation.

#### Section D. Description of Contamination

- #1 - Updated the links to the definition of DNAPL and the Ground Water Technical Guidance
- #2 – Deleted – “whether or not” and replaced it with “whether”#2 - Deleted - “Direct Contact Soil Remediation Standard” and replaced with “Soil Remediation Standards for the Ingestion Dermal and Inhalation Exposure Pathways” two times
- #3 – Deleted –“(e.g. IEC Source Control Report, RIR or RAR)” and replaced with “(e.g., Immediate Environmental Concern Source Control Report, Remedial Investigation Report or Remedial Action Report)’

#### Section E. Ground Water Use

- #1 – Deleted “N.J.A.C. 7:26e-3.5” and replaced it with “N.J.A.C. 7:26E-3.5”
- #1 - Deleted - If “NO”, Proceed to Section E
- #2 – Deleted – if “NO”, Proceed to Section E
  - In the Note - Deleted – “use” and (GWRS)
- #3 - Deleted – “groundwater”
- #3 - Deleted – “If “No”, Proceed to Section E” and replaced it with “If “No”, Proceed to Section F”
- #4. –#4 – Added – “is”
- #4 - Added “N.J.A.C. 7:9C”
- #4 - Deleted – “If “No”, Proceed to Section E” and replaced it with “If “No”, Proceed to Section F”
- #5 – Added “pursuant to N.J.A.C. 7:26E-4.3’
- #7 – Updated the link to NJ Geoweb
- #7 – Deleted “wellhead protection area” and replaced it with “Well Head Protection Area”

- #7 – Deleted “(WHPA)”
- #7 – Deleted “WHPA” and replaced it with “Well Head Protection Area”
- #7 – Deleted “GWRS” and replaced it with “Ground Water Remediation Standards”
- #7 – Deleted “IEC” and replaced it with “Immediate Environmental Concern”
- #8 – Updated the link to GIS
- #8 – Deleted “A well location map is also not required to be submitted with the receptor evaluation unless specifically requested by NJDEP after review of the form” to “A well location map is not required, but is recommended, to be submitted with the receptor evaluation”
- #9 – Deleted “physically”
- #9 - Deleted "door to door" and replaced it with “door-to-door”
- #9 - Deleted - (WHPA)
- #9 – Added “Additional information can be found at <https://dep.nj.gov/njgws/programs/#water>”
- #10 – Deleted “Identify if potable or irrigation well sampling has been conducted. The sampling must be conducted in accordance with N.J.A.C.7:26E-1.14(a)2 and the Field Sampling Procedures Manual and analyzed using accepted laboratory methods.” And replaced it with “Potable or irrigation well sampling has been conducted it must be in accordance with N.J.A.C.7:26E-1.14(a)2 and the Field Sampling Procedures Manual and analyzed using accepted laboratory methods.”
- #10 - Deleted – “please note that NJDEP notification on a Potable Well/Indoor Air Sampling Notification Form should be submitted 7 days prior to sampling potable wells ”
- #10 – Added “Provide technical justification as to why the sampling was either not conducted, or not conducted in accordance with N.J.A.C.7:26E-1.14(a)2, the Field Sampling Procedures Manual, or analyzed using accepted laboratory methods.”
- #11 – Deleted “(GWRS)”
- #11 – Updated the link to the Immediate Environmental Concern (IEC) guidance
- #11 – Deleted “(GWRS)” and replaced it with “Ground Water Remediation Standards”
- #11 - Deleted "IEC" and replaced it with "Immediate Environmental Concern"
- #11 – Added the comma (,) after e.g.
- #11 – Deleted “Of” and replaced it with “of”
- #11 – Deleted – “(POETS)”
- #11 – Deleted – “DEP case manager” and replaced it with “NJDEP Immediate Concern Unit case manager”
- #11 – Deleted “managers” and replaced it with “manager’s”
- #12 – Deleted – “(GWRS)”

- #12 – Deleted – “Non-potable” and replaced it with “non-potable”
- #12 – Deleted- “GWRS” and replaced it with “Ground Water Remediation Standards”
- #12 – Deleted “IEC” and replaced it with “Immediate Environmental Concern” two times

#### Section F. Vapor Intrusion – Deleted (VI)

- Deleted “NJDEP’s” and replaced it with “NJDEP” two times
- Updated the link to the Vapor Intrusion Technical Guidance
- #1 – Deleted “VI” and replaced it with “vapor intrusion” two times.
- #1 – Deleted “e.g.” and replaced it with “i.e.”
- #1 – Deleted “Section F” and replaced it with “Section G”
- #2 – Deleted “extent needed to assess the VI ” to “Vapor Intrusion Ground Water Screening Levels to assess the vapor intrusion”
- #2 – Deleted “Document” and replaced it with “document”
- #2 – Updated the link to the Vapor Intrusion Technical Guidance
- #3 – Deleted– “VI” and replaced it with “vapor intrusion”
- #3 – Deleted“vapor intrusion screening levels. The development of site specific screening levels, modeling or other alternative approaches will likely trigger a NJDEP review” to “Vapor Intrusion Ground Water Screening Levels, and is required for alternative Soil Gas Screening Levels and Indoor Air Remediation Standards.”
- #3 – Deleted– “VI” and replaced it with “vapor intrusion”
- #3 – updated the link to the vapor intrusion contacts
- #4 – Deleted “VI Screening Levels” and replaced it with “Vapor Intrusion Screening Levels / Remediation Standards”
- #5 – Deleted– “VI” and replaced it with “vapor intrusion”
- #6 - Deleted- “Matrix” and replaced it with "Flow Chart"
- #6 –Deleted “technically-defensible” and replaced it with “technically defensible”
- #6 - Deleted – “in order”
- #6 – Updated the link to the Vapor Intrusion Guidance
- #7 - Deleted “Screening Levels” and replaced it with “Remediation Standards”
- #8 – Deleted “indoor air screening levels” and replaced it with “Indoor Air Remediation Standards”
- #8 – Added “and not associated with a discharge
- #9 Deleted – “NJDEP’s” and replaced it with “NJDEP”
- #9 – Updated the link to the Immediate Environmental Concern Guidance
- #9 – Deleted “Write” and replaced it with “Add”

- #9 – Deleted - "IEC" and replaced it with "Immediate Environmental Concern"
- #9 – Added "Immediate Concern Unit"
- #10 - Deleted – "NJDEP's" and replaced it with "NJDEP"
- #10 – Deleted "Screening Levels" and replaced it with "Remediation Standards"
- #10 – Deleted "indoor air screening levels" and replaced it with "Indoor Air Remediation Standards"
- #10 Deleted "In accordance with N.J.A.C.7:26E-1.15(d), if contamination is not detected above screening levels in indoor air," and replaced it with "If contamination is not detected above the NJDEP Indoor Air Remediation Standards, in accordance with N.J.A.C.7:26E-1.15(d),"
- #11 - Deleted "VI" and replaced it with "Vapor Intrusion" four times
- #11 – Deleted "address(s)" and replaced it with "address(es)"
- #11 - Deleted " For example," and replaced it with " Justification needs to be provided such as,"
- #11 – Added ")"
- #12 – Deleted "VI" and replaced it with "Vapor Intrusion" six times
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## Section G – Ecological Receptors

- #1 – Deleted "EE"
- #1 – Updated the link to the Ecological Evaluation Technical Guidance
- #2 - Deleted "ESNRs"
- #3 – Deleted "ESNRs" and replaced it with "Environmentally Sensitive Natural Resources"
- #4 - Deleted "ESNRs" and replaced it with "Environmentally Sensitive Natural Resources" two times
- #5 – Deleted "ESNRs" and replaced it with "Environmentally Sensitive Natural Resources"
- #6 – Deleted "EE" and replaced it with "Ecological Evaluation"
- #6 – Added "has".
- #7 - Deleted "an impact" and replaced it with "a potential impact"
- #7 - Added "(COPECs above Ecological Screening Criteria in Environmentally Sensitive Natural Resources)"
- #7 – Deleted "Ecological Receptor(s), Surface water, or Sediment" and replaced it with "ecological receptor(s), surface water, or sediment"
- #7 - Deleted "ESNRs" and replaced it with "Environmentally Sensitive Natural Resources" two times
- #7 – Deleted "(surface water, sediment, soil, and wetlands)" and replaced it with "(surface water, sediment, soil, wetlands, threatened/endangered species and/or other)"

- #8 - Deleted “COPECs have been delineated to the ESC” and replaced it with “Contaminant of Potential Ecological Concern have been delineated to the Ecological Screening Criteria”
- #8 – Deleted “ESNRs” and replaced it with “Environmentally Sensitive Natural Resources”
- #8 – Added “or background concentration or Risk-Based Remediation Goals in any on-site source areas, migration pathways or environmental sensitive natural resource.”
- #9 – Added “in accordance with”
- #9 – Deleted “[“#9 – Added “The Ecological Risk Assessment is required to be completed during the RI phase of the remediation and must be completed within the RI Regulatory Timeframe.
- #10 – Updated the link to the Surface Water Quality Standards two times and to NJ GeoWeb two times
- #10 – Deleted “SWQS” two times
- #11 Deleted “Division of Land Use Regulation (DLUR)” and replaced with “Watershed & Land Management Program” three times
- #11 – Updated the link to the Watershed & Land Management Program
- Note section – Deleted “LURP” and replaced it with “Watershed & Land Management Program” two times
- #12 – Deleted “LURP” and replaced it with Watershed & Land Management Program” two times
- #13 – Deleted “LURP” and replaced it with Watershed & Land Management Program”
- #13 - Deleted “e.g.” and replaced it with “i.e.” two times