



New Jersey Department of Environmental Protection
Contaminated Site Remediation & Redevelopment

**INSTRUCTIONS FOR THE REMEDIAL ACTION PERMIT INITIAL APPLICATION –
GROUND WATER**

Please review the Remedial Action Permits for Ground Water Quick Reference Guide (https://dep.nj.gov/wp-content/uploads/srp/rap_gw.pdf) , the Ground Water Remedial Action Permit Guidance (https://dep.nj.gov/srp/guidance/#rap_gw), and the Monitored Natural Attenuation Technical Guidance (https://dep.nj.gov/srp/guidance/#mon_nat_atten) before completing this application.

The New Jersey Department of Environmental Protection (NJDEP) considers the Licensed Site Remediation Professional (LSRP) that submits this Remedial Action Permit (RAP) Application to be the LSRP retained for this RAP after the Response Action Outcome (RAO) is issued. If the LSRP is dismissed or dismisses him/herself for the RAP any time after the issuance of the RAO, the LSRP shall submit the Licensed Site Remediation Professional Notification of Retention or Dismissal Form online and the permittee shall retain another LSRP within 45 days. A permittee that fails to retain a new LSRP within 45 days will be deemed out of compliance and subject to potential enforcement actions.

1. **Applicability.** Use this form to apply for an initial Ground Water RAP for a ground water Remedial Action that includes an engineering and/or institutional control that requires a Classification Exception Area/Well Restriction Area (CEA/WRA) and short or long-term monitoring, maintenance, and evaluation requirements pursuant to N.J.A.C. 7:26C-7.

If the CEA is related to historic fill or historically applied pesticides (HAP) only, then a Ground Water RAP is not required. However, a CEA/WRA Fact Sheet Form is required for a CEA related to historic fill or HAP. The CEA/WRA Fact Sheet Form for historic fill or HAP should be submitted with the Soil RAP Application.

A CEA is not required for ground water contamination associated with an off-site source or from naturally occurring conditions.

2. **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: <https://dep.nj.gov/srp/forms/>.
3. **Signatures.** This form must be signed by the Person Responsible for Conducting the Remediation, the property owner, and the LSRP responsible for completion of the form and attached documents.
4. Completed forms with fee payment should be sent to:

Bureau of Case Assignment & Initial Notice (BCAIN)
Contaminated Site Remediation & Redevelopment
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) according to DataMiner, which can be obtained at <https://njems.nj.gov/DataMiner/Search/SearchByCategory?isExternal=y&getCategory=y&catName=Site+Remediation> ;
- **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 – and should be consistent with what is in the tax database(s) (e.g., etaxmaps.com and https://tax1.co.monmouth.nj.us/cgi-bin/prc6.cgi?menu=index&ms_user=monm&passwd=data&district=1301&mode=11); if not consistent, then indicate why in Section K below;
- **Municipality:** Provide the name of the municipality(ies) in which the site 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(ies) where the site is located;
- **Zip code:** Enter the five-digit code for the physical location of the site;

- **Program Interest (PI) Number(s):** Provide the PI Number assigned by the NJDEP according to DataMiner (see web link above). If this application is being submitted due to a subdivision of the site, please contact BCAIN prior to permit application in order to determine if new PI Numbers are needed. Contact BCAIN by email to SRWM_NJEMS@dep.nj.gov and include the following information along with your request: the subdivided lots, tax maps (current and new), owners of each lot, and the newly designated addresses for the subdivided lots;
- **Case Tracking Numbers:** Provide all NJDEP generated site identification numbers (Hotline incident numbers, UST Notice of Intent to Close numbers, ISRA numbers, etc.);
- **Municipal Block(s) and Lot(s):** Provide the municipal block(s) and lot(s) numbers for the site/property (not just the municipal block(s) and lot(s) numbers of the CEA); this should be consistent with what is in the tax database(s) (e.g., etaxmaps.com and https://tax1.co.monmouth.nj.us/cgi-bin/prc6.cgi?menu=index&ms_user=monm&passwd=data&district=1301&mode=11); if not consistent, then indicate why in Section K below and provide additional documentation as necessary;
- **Federal Case:** Indicate if the site is a federal case. If “Yes,” indicate the case type; check all that apply. Please note that the following Federal Facility case types are ineligible to proceed without the NJDEP’s pre-approval: US Department of Energy sites, US Department of Defense sites, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites (commonly known as NPL/Superfund sites), and Resource Conservation and Recovery Act (RCRA) Government Priority Remedial Action (GPRA) Sites listed at <http://www.epa.gov/epawaste/hazard/correctiveaction/pdfs/2020scc.pdf>. Additional information regarding the Site Remediation Reform Act (SRRA) implementation process for RCRA, CERCLA and Federal Facility Sites can be found at: https://dep.nj.gov/wp-content/uploads/srp/rcra_cercla_fed_facility_sites.pdf.

If you have any questions, please contact the Bureau of Case Management at 609-633-1455.

Section B. Initial Ground Water Remedial Action Permit Application

1. Indicate the reason for the submittal of this Initial Ground Water RAP Application by checking one of the following selections:
 - **To support a Restricted or Limited Restricted Use Response Action Outcome (RAO)**
 - **To support a Post-No Further Action (NFA)**
This applies for sites that received a Restricted or Limited Restricted Use NFA letter (must be an attached document) and were required to apply for a GW RAP by May 7, 2014.
Note: This permit application will not be processed until all RAP annual fees and the Remedial Action Protectiveness/Biennial Certification fee, including any past due fees, have been paid in full. Please see the Compliance Notice: Post-NFA cases requiring remedial action permits which can be found at: https://dep.nj.gov/wp-content/uploads/srp/post_nfa_compliance_notice.pdf.
 - **Subdivision of an Existing Ground Water RAP**
For a new permit due to a subdivision of a restricted area (source) already under a Ground Water RAP, indicate if a Ground Water RAP Termination Application was also submitted. If the permit application is for a subdivision, but a Ground Water RAP Termination Application has not been submitted, then check the “No” box and indicate in section K below why it was not submitted. If the permit application is for a subdivision and the restricted area (source) is limited to just one sub-divided parcel, then a Ground Water RAP Modification Application can be submitted. Be advised that the GW RAP remains associated with the parcel(s) from which the discharge(s) occurred.
 - **Other (provide reason (e.g., pursuant to 7:26C-14.3 for chromate chemical production waste))**
2. You must include the appropriate application fee that is indicated on the form and can also be found in the Fee Guidance Document (<https://dep.nj.gov/srp/guidance/fees-guidance/>). Note that the document must be postmarked by June 30 of each fiscal year to apply that year’s fee. Documents submitted on or after July 1 of each fiscal year will be required to apply that year’s fee. Checks shall be made payable to “Treasurer State of New Jersey.” Include your PI Number on your check.

Note: Pay the Ground Water Active System RAP Fee – Initial for a Technical Impracticability (TI) determination.

Section C. Fee Billing Contact Person

Complete this section for the fee billing contact person. The Annual Permit Fee Invoice will be mailed to this person.

Section D. Person Responsible for Conducting the Remediation – Co-Permittee.

Complete this section for the Person Responsible for Conducting the Remediation (PRCR). A person's name must be submitted as the contact person, not a title. **All contact information provided in this section should be for the PRCR, not the agent/person with power of attorney to complete/sign this application on behalf of the PRCR. "Care of" (C/O) is not acceptable unless it is for a special circumstance (e.g., condo association, person requiring special assistance); if this is the case, then explain why in Section K below and provide additional documentation as necessary.** If there is more than one person, complete Addendum A for the additional person(s).

Note: For a Post-NFA Case, the PRCR will be the person/entity to whom the NFA Letter is addressed. If a PRCR cannot be found, then document a good faith effort to locate the PRCR who received the NFA letter or RAO; this includes but is not limited to, the use of certified letters, business databases, phone logs, and internet searches. If the PRCR who received the NFA letter or RAO no longer exists, provide appropriate documentation; this includes but is not limited to, bankruptcy court filings (e.g., Notices of Discharge, approved Chapter 11 plans, etc.), and business database printouts. If it is documented that the PRCR is not a viable entity, then the Department will not include that entity as permittee on the Ground Water RAP.

Check the box if this entity will be the "Primary Contact for Permit Compliance" (i.e., will be sampling monitoring wells, submitting Ground Water Remedial Action Protectiveness/Biennial Certification Forms, submitting Ground Water RAP Applications). This box should not be checked off in both Section D and Section E.

Section E. Current Owner of the Site – Co-Permittee.

Complete this section for the current owner of the site; this should be consistent with what is in the tax database(s) (e.g., etaxmaps.com and https://tax1.co.monmouth.nj.us/cgi-bin/prc6.cgi?menu=index&ms_user=monm&passwd=data&district=1301&mode=11) if not consistent, then indicate why in Section K below. A person's name must be submitted as the contact person, not a title. **All contact information provided in this section should be for the current owner, not the agent/person with power of attorney to sign this application on behalf of the current owner. "Care of" (C/O) is not acceptable unless it is for a special circumstance (e.g., condo association, person requiring special assistance); if this is the case, then explain why in Section K below and provide additional documentation as necessary.** If there is more than one person, complete Addendum A for the additional person(s).

Check the box if this entity will be the "Primary Contact for Permit Compliance" (i.e., will be sampling monitoring wells, submitting Ground Water Remedial Action Protectiveness/Biennial Certification Forms, submitting Ground Water RAP Applications). This box should not be checked off in both Section D and Section E.

Section F. Attached Documents

All electronic copies should be provided in Adobe PDF file format on a compact disc (CD) except the Ground Water Monitoring Plan, which should be provided in MS Excel file format on a CD. All the documents required below can be combined into a single Adobe PDF file on the CD with the exception of the Ground Water Monitoring Plan, which should be provided in MS Excel file format on the CD.

If this is being submitted as a result of a subdivision, then it is not necessary to submit the Remedial Action Report (RAR), the ground water contour maps, and the table summarizing the monitoring well construction details. If other items listed below are not included in your application, then indicate the reason(s) in Section K below.

Attach the following documents with the Initial Ground Water RAP Application:

- Electronic copy of the completed Initial Ground Water RAP Application using the current form on the NJDEP Website (<https://dep.nj.gov/srp/forms/>).
- The RAR should be submitted through the online portal unless this application is related to a Post-NFA case. Provide the Licensed Site Document (LSD) Activity Number for the RAR online submission; this information can be found on the Acknowledgement Letter received after the completion of the online service. For Post-NFA Cases, submit a CD with an electronic copy of the RAR and any other pertinent reports/letters (e.g., Remedial Action Workplan (RAW) Approval Letters) on it.

Note: In addition to the items listed here in this Section, the RAR should also include a summary of the ground water sampling results by monitoring well in tabular format, including all historical ground water sampling data for the site and any secondary and tertiary lines of evidence to support any Monitored Natural Attenuation (MNA) proposal; the field sampling sheets for at least the four ground water sampling events at the site; and the laboratory data packages for the ground water sampling events not previously provided in a key document online submission (i.e., Remedial Investigation Report).

- Electronic copy of a map or indicate on the form the location in the RAR (*Section #s/Figure #s*) of the map(s) showing area of concern/source and showing and/or explaining horizontal and vertical delineation of the ground water contamination.
- Electronic copy of ground water contour maps for at least the last four ground water sampling events or the location in the RAR with these maps.
- Electronic copy of a table summarizing the monitoring well construction details for all monitoring wells at the site (below ground surface (bgs), not mean sea level) or the location in the RAR with this table.
- Electronic copy of the CEA/WRA Fact Sheet Form.
- Electronic copy of the Ground Water Monitoring Plan (*in "MS Excel" file format*).
- Electronic copy of the NFA Letter (*Post-NFA Cases only*).
- Electronic copy of the Vapor Intrusion (VI) Long-Term Monitoring (LTM) Plan or the VI Change in Use Evaluation Plan, or both, if applicable.
- Electronic copy of the Operation, Maintenance, and Monitoring (OMM) Plan for the vapor intrusion engineering control(s)/mitigation system(s) that are currently in place, if applicable.
- Electronic copy of the OMM Plan for the Point of Entry Treatment (POET) water system(s) that are currently in place, if applicable.
- Electronic copy of the completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate, if applicable, and only indicate one of the following: if the **original** Financial Assurance (FA) mechanism (*hard copy*), including any Amendments, is attached to the Ground Water RAP Application; if the original FA mechanism was already submitted to the NJDEP, including the date it was submitted; or if an electronic copy of the RFS mechanism and the amendment to conform to the Financial Assurance format is included if using an existing RFS mechanism as the FA.
- Electronic copy of the homeowner or condominium association's annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site, if applicable.

Section G. Monitoring, Maintenance and Evaluation Information

Must be completed for all active/long term ground water remediation.

1. Indicate if the ground water contamination has been horizontally delineated in all directions at the site. If "No", provide the location in the RAR (*Section #*) that supports the variance from N.J.A.C. 7.26E-4.3(a)4 and states why the contamination was not horizontally delineated and how it is protective of human health and safety and of the environment.
2. Indicate if the ground water contamination has been vertically delineated at the site. If "No", provide the location in the RAR (*Section #*) that supports the variance from N.J.A.C. 7.26E-4.3(a)4 and states why the contamination was not vertically delineated and how it is protective of human health and safety and of the environment.
3. Indicate if a Technical Impracticability (TI) Determination has been submitted. If "Yes," complete Section 4.b (Active Remediation) below and provide the location in the RAR (*Section #*) that documents this issue. Include any additional monitoring requirements in the Ground Water Monitoring Plan submitted for the site in accordance with Table 1, item 6 of the Technical Impracticability Guidance for Ground Water. The guidance document can be found at https://dep.nj.gov/srp/guidance/#tech_impracticability.
4. Type of Remediation – Check either the box for Monitored Natural Attenuation (MNA) or Active Remediation to identify the type of Remedial Action implemented at the site.
 - a. If you checked MNA, complete questions i. through vii. underneath the check box for MNA as indicated below. Please see the Monitored Natural Attenuation Technical Guidance located at https://dep.nj.gov/srp/guidance/#mon_nat_atten before completing this section.
 - i. Indicate if there is a decreasing trend of contaminant concentrations in the ground water. If "Yes", provide the location in the RAR (*Section #*) that documents this issue. If "No", provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy. MNA effectiveness is determined principally by decreasing contaminant concentrations with time in conjunction with a stable or receding ground water contaminant plume.
 - ii. Indicate if the **behavior** of the ground water contaminant plume is considered shrinking or stable. If "Yes", check off if the ground water contaminant plume is either shrinking or stable and provide the location in the RAR (*Section #*) that documents this issue. If "No", provide the location in the RAR (*Section #*) that justifies

the protectiveness of the remedy. Evidence of a shrinking or stable ground water contaminant plume is required for MNA to be considered as an effective remedy.

- iii. Indicate if secondary lines of evidence have been collected throughout the ground water contaminant plume to support the MNA proposal for the site. If "Yes", provide the location in the RAR (*Section #*) that documents this issue. Secondary lines of evidence are used to evaluate geochemical conditions to ensure they are supportive of natural attenuation.
 - iv. Indicate if tertiary lines of evidence have been collected throughout the ground water contaminant plume to support the MNA proposal for the site. If "Yes", provide the location in the RAR (*Section #*) that documents this issue. Tertiary lines of evidence involve microbiological and isotopic studies that can be used as additional lines of evidence to confirm natural attenuation.
 - v. Indicate if the ground water plume is reaching the sentinel wells. All Ground Water RAPs are required to have a "clean" sentinel well for the monitoring of the fate and transport of the ground water plume. If "Yes", provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy since the sentinel well(s) should be below the GWQS. If you are using an alternate method of justifying protectiveness that is not a sentinel monitoring well, check "Yes" above and provide the location in the RAR (*Section #*).
 - vi. Indicate if all soil contamination in the unsaturated zone has been remediated to the applicable numeric Soil Remediation Standard for all area(s) of concern associated with this CEA. If "No", provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy. Only answer Not Applicable (N/A) this question if soil contamination in the unsaturated zone was never present for the area(s) of concern associated with this CEA.
 - vii. Indicate if all free and/or residual product in the unsaturated and saturated zones as determined pursuant to N.J.A.C. 7:26E-5.1(e) has been treated or removed for all area(s) of concern associated with this CEA. If "No", then a Ground Water RAP Application for MNA should not be submitted. Only answer Not Applicable (NA) to this question if free and/or residual product in the unsaturated and saturated zones was never present for the area(s) of concern associated with this CEA.
- b. If you checked Active Remediation, indicate the type of remediation (e.g. Multiple Phase Extraction System, SVE/Air Sparging, Ozone Sparging, Pump & Treat, etc.). Also, complete questions i. through iv. underneath the check box for Active Remediation as indicated below:
- i. Indicate if there is a decreasing trend of contaminant concentrations in the ground water. If "Yes", provide the location in the RAR (*Section #*) that documents this issue. If "No", indicate if the ground water plume is considered stable and provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy. A ground water plume is considered stable if the concentration trends remain the same over time and the sentinel well concentration remains below the GWQS. Evidence of a decreasing trend of contaminant concentrations in the ground water or a stable plume is required for Monitored Natural Attenuation to be considered as a remedy.
 - ii. Indicate if the ground water plume is reaching the sentinel wells. All Ground Water RAPs are required to have a "clean" sentinel well for the monitoring of the fate and transport of the ground water plume. If "Yes", provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy since the sentinel well(s) should be below the GWQS. If you are using an alternate method of justifying protectiveness that is not a sentinel monitoring well, check "Yes" above and provide the location in the RAR (*Section #*).
 - iii. Indicate if the ground water remedial action is performing as designed. If "No", provide the location in the RAR (*Section #*) that justifies the protectiveness of the remedy.
 - iv. Indicate the expected duration of the active remediation in years.
5. Indicate if any ground water contamination has migrated onto the site/property from an off-site source and that is not being included in the Ground Water RAP. If "Yes", provide the communication center number that was received when called into the Hotline and the location in the RAR (*Section #*) that documents this issue.
6. Indicate if any ground water contamination is being attributed to natural background conditions and that is not being included in the Ground Water RAP. If "Yes", provide the location in the RAR (*Section #*) that documents this issue.
7. Check the monitoring schedule that summarizes your monitoring proposal. This is not a schedule for submitting data to the NJDEP. All monitoring data shall be submitted once every two years with the *Remedial Action Protectiveness/Biennial Certification Form – Ground Water*. Please see the following table from the Monitored Natural Attenuation Technical Guidance for the recommended monitoring well sampling frequency for a Monitored Natural Attenuation Ground Water RAP:

Table 4
Recommended Monitoring Well Sampling Frequency

Situation	Performance Well Sampling Frequency	Sentinel Well Sampling Frequency	Reporting Schedule
Permit issued	Annual years 1-4 *	½ travel time to nearest receptor or annual, whichever is more frequent	With CEA Biennial Certification
After 4 years	Biennial years 5-8 *	½ travel time to nearest receptor or biennial, whichever is more frequent	With CEA Biennial Certification
After 8 years	BTEX: Every 8 years for the remainder of the permit. Contaminants other than BTEX > 10X GWQS: every 4 years Contaminants other than BTEX < 10X GWQS: every 8 years for remainder of the permit	½ travel time to nearest receptor or the same frequency as the performance wells, whichever is more frequent	With next scheduled CEA Biennial Certification

* **Progression through this sampling schedule is appropriate only if contaminant degradation is occurring as predicted during each monitoring event, and the remedy remains protective of receptors. If contaminant degradation is not occurring as predicted, the applicability of the MNA remedy must be reevaluated in accordance with the MNA guidance.**

Section H. Financial Assurance

1. Indicate if the remedial action includes a ground water or vapor intrusion engineering control. **“Engineering control”** means any physical mechanism to contain or stabilize contamination or ensure the effectiveness of a remedial action. An engineering controls may include, without limitation, dike, trench, leachate collections system, absorbent socks, long term air sparging/soil vapor extraction, vapor mitigation systems/sub-slab depressurization systems, POET water systems, and ground water containment system including, without limitation, a slurry wall, grout jet walls, sheet pilings, or an active ground water pump and treatment system.

If the proposed ground water remedial action **does not** include an engineering control, then FA is not required for the permit, skip the rest of this section and go to the next section.

2. If the proposed ground water remedial action includes an engineering control, **FA must be obtained prior to filing this application** (unless all permittees are exempt pursuant to N.J.A.C. 7:26C-7.10(c) or if existing RFS is being used as FA).

The Administrative Requirements for the Remediation of Contaminated Sites, specifically N.J.A.C. 7:26C-10(c), defines certain entities that are exempt from filing FA. Check all that qualifies you to be exempted. If you are exempt skip the rest of this section and go to the next section.

In the event that more than one permittee is required to establish FA and one or more of the permittees is exempt from this requirement, the non-exempt permittee(s) shall establish the full amount of the FA required.

Refer to N.J.A.C. 7:26C-5 for the FA requirements <https://dep.nj.gov/srp/rules/#arrcs>.

3. Indicate whether the current owner of the site is either a homeowner association or a condominium association by including “X” in the appropriate box. If a homeowner association or a condominium association is identified in Section E of this Permit Application, an electronic copy of the association’s annual budget that includes funds for the operation, monitoring, and maintenance of the engineering control(s) at the site should be attached as indicated in Section F above; skip the rest of this section and go to the next section. If the association identified in Section E of this RAP Application is ever unable to meet this requirement, then the person responsible for conducting the remediation is required to establish the FA for the permit if they are not exempt pursuant to N.J.A.C. 7:26C-7.10(c).
4. Include a cost estimate for the operation, maintenance, and monitoring of the engineering control(s) at the site. The amount of funds to operate, maintain, and monitor the engineering control(s) at the site for as long as the control(s) are needed, up to thirty (30) years (minimum of \$30,000 for a 30-year time frame) should be determined. Guidance for acceptable cost estimates can be found in the Remedial Action Permit Guidance Document at https://dep.nj.gov/srp/guidance/#rap_gw.

5. Indicate if permittee(s) and/or co-permittee(s) are using an existing RFS mechanism as the FA for the site. If you are, indicate if ALL THREE of the following criteria have been met:
 - a. The amount of funds needed to operate, maintain, and monitor the engineering control(s) at the site for the duration of the CEA or for 30 years (minimum of \$30,000 for a 30-year time frame) if the duration of the CEA is indeterminant.
 - b. The amount of the funds in the RFS is equal to the amount of the funds required to be posted for RFS and FA.
 - c. The RFS is NOT in the form of a self-guarantee. If the RFS is in the form of a self-guarantee, you cannot use the existing RFS, but must obtain a separate financial mechanism for FA.

Provide the full amount of the current Remediation Funding Source.

6. Enter the full dollar amount established as the FA. The amount posted can differ from the estimated cost if net present value calculations are used. As indicated in Section F above, an electronic copy of the completed Remediation Cost Review and RFS/FA form with a detailed cost estimate should be attached. This form can be found at <https://dep.nj.gov/srp/forms/>. Also, please provide one of the following as indicated in Section F above: attach the **original** Financial Assurance mechanism (hard copy), including any Amendments, to the Ground Water RAP Application; the date the original Financial Assurance mechanism was submitted to the NJDEP; or an electronic copy of the existing RFS mechanism that is being used as the Financial Assurance and the amendment to conform to the Financial Assurance format.

Notes:

If transitioning from RFS to FA (i.e., if closing out old RFS), then also attach a copy of the amendment to conform with the Financial Assurance model document.

If there is a change in the FA the NJDEP will not authorize the release of an existing FA instrument until a new FA instrument is established and in place.

7. Identify the FA Mechanism used as one or any combination of the following: a Remediation Trust Fund, an Environmental Insurance Policy, a Line of Credit, Surety Bond, or a Letter of Credit in accordance with N.J.A.C. 7:26C-5. Be advised that although self-guarantee is acceptable as RFS, it is not acceptable as a FA mechanism.
8. Provide the name, address, and phone number of the contact person at the financial institution for the FA.

Section I. Land Use (for overlying CEA)

1. Check all that apply to indicate the current land use(s) for the site where the discharge originated.
2. Check all that apply to indicate the off-site land use(s) within the aerial extent of the CEA.

Section J. Affected Receptor Summary

1. Indicate if there are any buildings with an Indeterminate Vapor Intrusion Pathway status. If "Yes", provide the location in the RAR (*Section # and Figure #*) that documents this issue. Please see the Vapor Intrusion Technical Guidance Document (<https://dep.nj.gov/srp/guidance/#vi>) for the definition of an Indeterminate Vapor Intrusion Pathway status.
2. Indicate if there is sub-slab soil gas (SSSG) contamination above the NJDEP's Soil Gas Screening Levels (SGSLs) beneath any buildings that require a VI Long-Term Monitoring (LTM) Plan or a VI Change in Use Evaluation Plan, or both. If "Yes", indicate the scenario(s) that apply, and attach an electronic copy of the VI LTM Plan or the VI Change in Use Evaluation Plan, or both, as indicated in Section F above. The VI LTM Plan and VI Change in Use Evaluation Plan should clearly identify the building(s) and/or structure(s), including the address and block and lot of each impacted property. Please see the following table from the Vapor Intrusion Technical Guidance for the recommended long-term vapor intrusion monitoring/sampling plan for a Ground Water RAP with soil gas contamination remaining above the SGSLs beneath a building(s):

Table 6-2

Long-Term Monitoring Sampling Designs

SSSG >10X NJDEP SGSL	SSSG > NJDEP SGSL and ≤10X NJDEP SGSL
<p>First through fifth year Long-Term Monitoring:</p> <ol style="list-style-type: none"> 1. Annual inspection of building. 2. Annual sampling of IA in heating season* <p>Sixth year Long-Term Monitoring & beyond:</p> <ol style="list-style-type: none"> 1. Annual inspection of building 2. Sampling IA every five years in heating season* 	<p>First year Long-Term Monitoring:</p> <ol style="list-style-type: none"> 1. Annual inspection of building 2. Sampling of IA during heating season* <p>After first year Long-Term Monitoring:</p> <ol style="list-style-type: none"> 1. Annual inspections of building 2. Sampling of IA every five years*

* Heating season is from November 1 to March 31 (winter).

3. Indicate if any vapor intrusion engineering controls/mitigation systems are currently installed at any buildings as a result of this ground water contamination.

If “Yes”, indicate the type of vapor intrusion engineering control/mitigation system installed and attach an electronic copy of the OMM Plan for the vapor intrusion engineering control(s)/mitigation system(s) as indicated in Section F above. If a preventative system was put in place, check “No”. The OMM Plan should identify the building(s) and/or structure(s) and vapor intrusion engineering control(s)/mitigation system(s) that are in place (e.g., active or passive), including the address and block and lot of each impacted property. Refer to *Table 6-1 Vapor Mitigation Verification and M&M Criteria* from the Vapor Intrusion Technical Guidance for the recommended long-term vapor intrusion monitoring/sampling plan for a Ground Water RAP with a vapor mitigation system(s) in place. The Vapor Intrusion Technical Guidance Document is available at <https://dep.nj.gov/srp/guidance/#vi>.

4. Indicate if any Point of Entry Treatment (POET) water systems are currently installed at any buildings as a result of this ground water contamination. If “Yes”, attach an electronic copy of the OMM Plan for the POET water system(s) that are in place as indicated in Section F above. The OMM Plan should provide the address and lot and block of each property with a POET water system in place. The sampling of the POET water system(s) should be included in the Ground Water Monitoring Plan for the site.
5. Indicate if any potable wells that do not have a POET water system are currently being sampled regularly as a result of this ground water contamination. If “Yes”, include these potable wells in the Ground Water Monitoring Plan for the site.

Section K. Other Information Provided

List any other pertinent information to support the Initial Ground Water RAP Application, including any other Soil or Ground Water RAPs applied for or obtained. This section can also be used for professional judgement justification, compliance averaging, variances from rules/guidance, etc.

Section L. 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 LSRP 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.

Note: There may be circumstances where the person responsible for conducting the remediation signature cannot be obtained. In these situations, a copy of the completed permit application excluding the person responsible for conducting the remediation signature should be provided to the person responsible for conducting the remediation. To document that the person responsible for conducting the remediation was provided a copy of the permit application, a copy of the letter transmitting the permit application needs to be included with the application submitted to the NJDEP.

Section M. Current Owner of the Site Information and Certification

The certification in this section shall be signed and dated by the person who owns the property. The certification in this section shall **not** be signed by the LSRP 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 who owns the property;
 - Provide the full name of the representative of the person who owns the property, pursuant to N.J.A.C. 7:26C-1. Enter "Same" if the representative is the same person as the person who owns the property;
 - Provide the title of the representative of the person who owns the property;
 - Provide the telephone number, extension number, and fax number of the representative of the person who owns the property;

- Provide the mailing address, including the city/town, state, and zip code of the representative of the person who owns the property;
- Provide the email address of the representative of the person who owns the property;
- The representative for the person who owns the property shall provide:
 - ❖ His/her signature where indicated;
 - ❖ His/her name and title (i.e., President, CEO); and
 - ❖ The date when the signing occurred.

Note: There may be circumstances where the current property owner signature cannot be obtained. In these situations, a copy of the completed permit application excluding the current property owner signature should be provided to the property owner. To document that the current property owner was provided a copy of the permit application, a copy of the letter transmitting the permit application needs to be included with the application submitted to the NJDEP.

Section N. Licensed Site Remediation Professional Information and Statement

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