

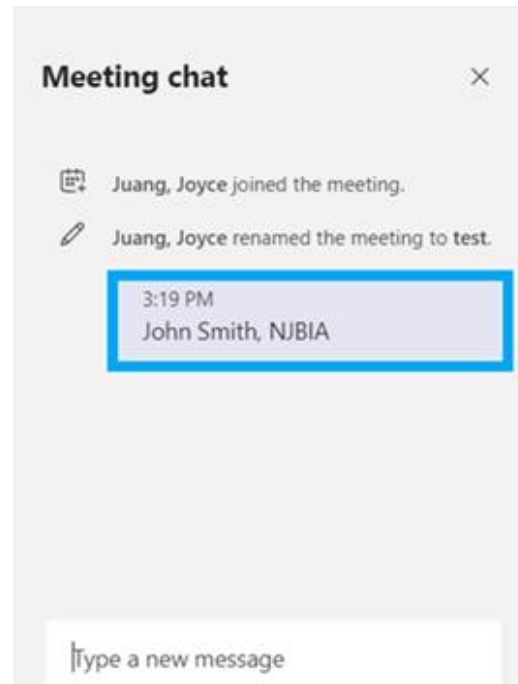
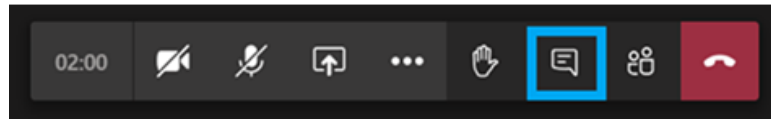
Welcome to the
June 11, 2024
CVP/SRAG Meeting



In-House Rules Friendly Reminder

▶ Attendance:

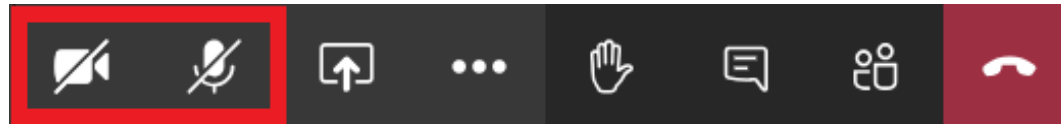
- ▶ Please enter your first and last name and organization you represent in the chat box in lieu of sign-in sheet.
- ▶ *If you have dialed into the meeting, please email Samantha (Samantha.gleisner@dep.nj.gov). We are unable to identify the names of dialed in attendees.*



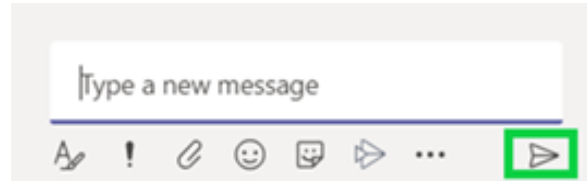
In-House Rules Friendly Reminder

▶ Questions/Speaking Etiquette:

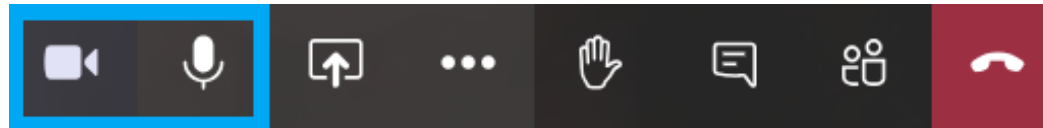
- ▶ Please make sure your microphone is muted and your camera is off.



- ▶ To request the opportunity to ask a question, please enter your name and affiliation in the chat box.



- ▶ When called on to speak, you may un-mute yourself and, if you would like, turn on your camera.



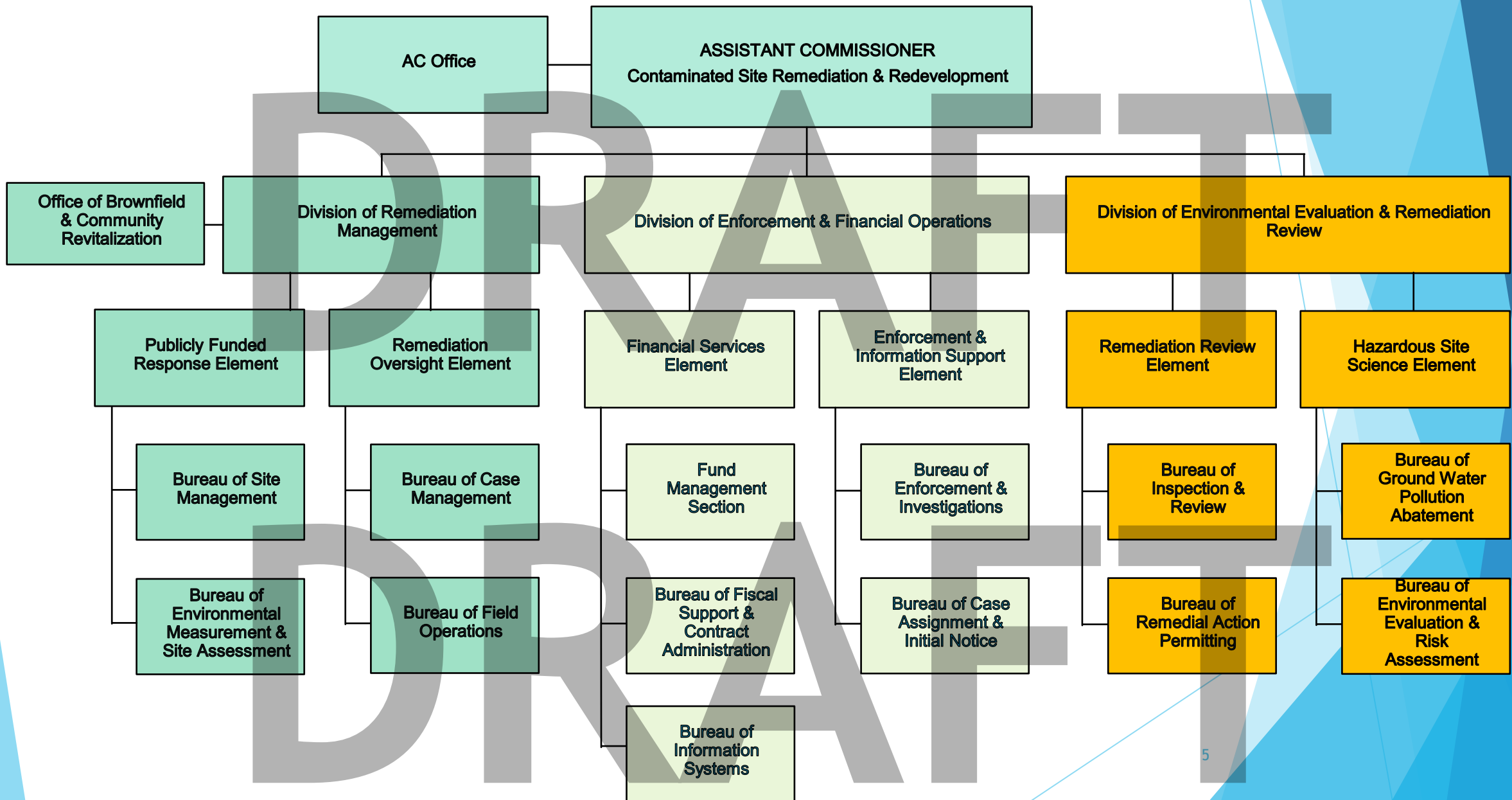
- ▶ When you have finished speaking, please re-mute yourself and turn off your camera.

CSRR Reorganization

Gwen Zervas

Director of the Division of Remediation Management

Gwen.Zervas@dep.nj.gov



The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the right side of the slide, creating a modern, layered effect. The central area of the slide is a plain, light grayish-white.

Questions?

SRPLB Update

Dana Haymes, SRPLB

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Questions?

Site Remediation Metrics

Gwen Zervas

Director of the Division of Remediation Management

Gwen.Zervas@dep.nj.gov

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Questions?

Technical Guidance & Training Update

Kristine Iazzetta, CSRR Training Committee

Bureau of Case Management

Kristine.Iazzetta@dep.nj.gov

Upcoming Training Events

- ▶ Field Sampling Procedures Manual - Chapter 3
 - ▶ To be scheduled, September 2024
- ▶ Rutgers Case Study
 - ▶ January 14th and 15th , 2025
 - ▶ January 28th and 29th , 2025

Technical Guidance Update		
New document development	Tentative Date	Document
Field Sampling Procedures Manual, Chapter 3	Posted February 2024	Final Draft
Updating existing documents	Tentative Date	
SI/RI/RA Soil Technical Guidance	September 2024	
Compliance/Attainment	Late Summer 2024	
Historic Fill	Late- 2024	
Technical Impracticability (TI)	Late-2024	
Analytical Methods	Late-2024	

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Questions?

Rules Update

Judith Andrejko

Office of the Assistant Commissioner

Judith.Andrejko@dep.nj.gov

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Questions?

Remediation Process Improvement Initiative

Gwen Zervas

Director of the Division of Remediation Management

Gwen.Zervas@dep.nj.gov

Remediation Process Improvement Initiative (RPPII) Update

- ▶ Three workgroups were formed to address issues raised by the RPPII stakeholder group
 - ▶ A process for discussing CSRR comments/deficiency letters and technical disagreements
 - ▶ Re-established the Technical Review Panel
 - ▶ 1 Request for a TRP to date
 - ▶ Evaluating CSRR's current processes and criteria for conducting additional reviews
 - ▶ Finalizing a flowchart showing the review process and FAQs
 - ▶ Flowchart and FAQs to be issued Summer 2024
 - ▶ Developing guidance/training for LSRPs on the importance of documentation and the avoidance of common mistakes
 - ▶ Developing training on receptor evaluations to be provided Fall 2024

RPII Update

- ▶ **Updated the Receptor Evaluation FAQs**
 - ▶ Clarified what is required in a ‘door to door survey’
 - ▶ Posted May 30, 2024
- ▶ **Soil RAP LSRP Supplemental Certification Form**
 - ▶ Posted February 9, 2024
- ▶ **Ground Water RAP LSRP Supplemental Certification**
 - ▶ Posted May 23, 2024

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Questions?

LSRP Soil RAP Certification Update and Overview of the LSRP Ground Water RAP Certification

Michael Gaudio

Bureau Chief of Remedial Action Permitting

Michael.Gaudio@dep.nj.gov

LSRP SUPPLEMENTAL CERTIFICATION FOR INITIAL GROUND WATER REMEDIAL ACTION PERMIT (RAP) APPLICATION FOR MONITORED NATURAL ATTENUATION (MNA)



Overview



- Submission of the LSRP Supplemental Certification for Initial Ground Water RAP Application for MNA (“GW LSRP Supp. Cert.”) is voluntary at this time
- The GW LSRP Supp. Cert. consists of the following sections:
 - Initial Ground Water RAP for MNA Certification Criteria
 - Section A – Case Information
 - Section B – LSRP Information and Certification Statement
 - Section C – Additional Information to Support LSRP Certification (Optional)
- The GW LSRP Supp. Cert. can only be submitted if the certification criteria are met, and Section B can be certified
- Instructions for the GW LSRP Supp. Cert. will be created that address FAQs with RAP Stakeholder input

Submission Requirements



- The GW LSRP Supp. Cert. should be completely filled out, including checking off all required boxes and the LSRP signature provided
- Section C is optional and should only be completed if necessary – may delay the processing of the RAP Application
- Submission Requirements:
 - For previously submitted RAP Applications (pending Department review) – submit the completed GW LSRP Supp. Cert. to csrr_brap_submissions@dep.nj.gov
 - For new RAP Applications - attach the completed GW LSRP Supp. Cert. to the RAP Application submitted to BCAIN
- The Department is acknowledging/confirming the receipt of the GW LSRP Supp. Cert. via email

Process



- BRAP will be relying on the GW LSRP Supp. Cert. to support the issuance of the RAP
 - Questions on the GW LSRP Supp. Cert. are not 'triggers' for additional review
 - The GW LSRP Supp. Cert. further supports the Initial Ground Water RAP Application for MNA submitted by the LSRP
- The LSRP will be contacted if:
 - Information provided on the Initial Ground Water RAP Application is not consistent with what is checked off on the GW LSRP Supp. Cert.
 - Additional information or changes are needed to process the RAP Application
- The Department will be evaluating the process and making improvements as necessary

Initial Ground Water RAP for MNA Certification Criteria



For previously submitted Ground Water RAP Applications that are pending Department review (not applicable to new Initial Ground Water RAP Applications), the retained LSRP certifies that the following two (2) statements are accurate by checking the associated boxes:

- ☒ The pending Ground Water RAP Application has no outstanding administrative issues; this can be verified in the DataMiner report (Pending Permit Progress Report by Program Interest ID) if the End Administrative Review task has a complete date.
- ☒ A comment letter (i.e., Notice of Incomplete RAP Application letter or Notice of Technical Deficiency) has not been issued by the Department.

Initial Ground Water RAP for MNA

Certification Criteria (continued)



For both previously submitted Ground Water RAP Applications and new Initial Ground Water RAP Applications, the retained LSRP certifies that the following thirteen (13) statements are accurate for the Area(s) of Concern associated with this RAP application by checking the associated boxes:

- ☐ This site is not a traditional oversight case with an assigned Department case manager.
- ☐ This site is not a landfill case.
- ☐ This site is not a school, childcare, or residence.
- ☐ For the ground water data that is being used to demonstrate MNA, there are no individual contaminant concentrations that are 3 orders of magnitude or greater than the applicable Ground Water Remediation Standard (GWRS) and none of the contaminants exceed 1% of their effective water solubility.
- ☐ There is no competent bedrock ground water contamination above the GWRS.
- ☐ There is not a commingled plume condition for similar constituents.
- ☐ There is no ground water contamination above the GWRS containing per- and polyfluoroalkyl substances (PFAS), including but not limited to perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctane sulfonic acid (PFOS).
- ☐ There are no exceedances of the Acute or Chronic Aquatic Surface Water Ecological Screening Criteria or the Human Health Surface Water Standards in surface water or pore water pursuant to N.J.A.C. 7:26E-5.1(b)2 and (d).
- ☐ The Remedial Action does not include a proposed technical impracticability (TI) determination.
- ☐ The Remedial Action does not currently include an active ground water remediation system.
- ☐ The Remedial Action does not include a Point of Entry Treatment (POET) water system(s).
- ☐ The Remedial Action does not include a vapor intrusion (VI) engineering control(s)/mitigation system(s).
- ☐ The Remedial Action does not include sub-slab soil gas contamination above the NJDEP's Soil Gas Screening Levels beneath any building(s) that require a VI Long-Term Monitoring Plan or a VI Change in Use Evaluation Plan.

Section A

Case Information



SECTION A. CASE INFORMATION

Site Name:

List all AKAs:

Street Address:

Municipality: (Township, Borough, or City)

County: Zip Code:

Program Interest Number(s):

Case Tracking Number(s):

RAP Activity Number, if applicable:

Specific Area(s) of Concern (e.g., UST, dispenser island, floor drains) responsible for the ground water contamination:

Is RAP Contact Information for the Person Responsible for Conducting the Remediation and Property Owner provided on the Initial Ground Water RAP Application current? ☐ Yes ☐ No

If “No”, please attach revised pages 2 and 9 of the Initial Ground Water RAP Application with the updated contact information and signature to this form.



Section B

LSRP Information and Certification Statement



This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

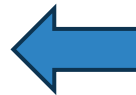
Monitored Natural Attenuation (MNA):

- ☒ Remedial Action Report (RAR) demonstrates that MNA is an effective remedial action pursuant to N.J.A.C. 7:26C-7.5(c)3 and N.J.A.C. 7:26E-5.

Delineation – check one:

- ☒ Ground water contamination has been horizontally and vertically delineated pursuant to N.J.A.C. 7:26E 4.3(a)4 with sample analytical results at or below the applicable GWRS without employing a variance for delineation.
- ☐ Ground water contamination has been horizontally and vertically delineated at the site pursuant to N.J.A.C. 7:26E-4.3(a)4, employing a variance(s) that is documented in the RAR per N.J.A.C. 7:26E-1.7.

Contaminant Trend Analysis – check at least one:



- ☒ Decreasing trends in accordance with Section 6.1.2.3 of the MNA Technical Guidance document.
- ☐ Non-decreasing (stable) levels in accordance with Section 6.1.2.4 of the MNA Technical Guidance document.

Ground Water Contaminant Plume Behavior:

- ☒ The plume behavior along the contaminant path can be considered shrinking or stable in accordance with Section 6.1.1 of the MNA Technical Guidance document.

Section B

LSRP Information and Certification Statement (continued)



Free or Residual Product:

- ☒ All free and residual product as defined in N.J.A.C. 7:26E-1.8 has been treated or removed from the unsaturated and saturated zones pursuant to N.J.A.C. 7:26E-5.1(e). MNA of free and residual product is prohibited.

Soil Contamination:

- ☒ Soil contamination in the unsaturated zone has been remediated to the applicable numeric or narrative Soil Remediation Standard for the Migration to Ground Water exposure pathway pursuant to N.J.A.C. 7:26E-5.2.

Ground Water Monitoring Plan (GWMP):

- ☒ Sufficient monitoring well network included in the GWMP pursuant to N.J.A.C. 7:26C-7.5(c)4 and in accordance with Section VII.2.f of the Ground Water RAP Guidance Document that:
 - monitors the characteristics and movement of contaminated ground water based on the model that calibrated the eventual extent of contaminated ground water, including at least three monitoring wells that account for triangulation for ground water flow confirmation;
 - assesses the effectiveness of the MNA remedy throughout the duration of the RAP;
 - is representative of the entire horizontal and vertical extent of the ground water contaminant plume; and
 - includes at least one area of concern well and at least one clean (below the GWRS) downgradient sentinel well in all directions of ground water flow. An alternate method may be appropriate if a sentinel well is not possible (e.g., surface water sampling).

Section B



LSRP Information and Certification Statement (continued)

Receptors:

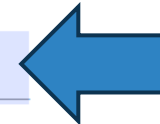
- ☒ All potentially impacted receptors from the ground water contamination associated with this area(s) of concern have been evaluated pursuant to N.J.A.C. 7:26E-1.12.

Remedial Action Protectiveness:

- ☒ Ground Water Remedial Action is protective of public health and safety and of the environment and satisfies all the requirements of N.J.A.C. 7:26E-5.1(d).

I certify that the items checked above are accurate statements for the area(s) of concern associated with the Ground Water RAP Application:

LSRP Signature:



Date:

LSRP Name:

Company Name:

Submission Requirements (Bottom of Page 3) and Section C Additional Information to Support LSRP Certification (Optional)



For sites that have already submitted an Initial Ground Water RAP Application, complete and submit this addendum to: csrr_brap_submissions@dep.nj.gov.

For sites that have not submitted an Initial Ground Water RAP Application yet, complete and include this addendum with the RAP Application that is submitted to BCAIN.

SECTION C. ADDITIONAL INFORMATION TO SUPPORT LSRP CERTIFICATION (OPTIONAL)

This section may be used to provide other pertinent information to support this Initial Ground Water RAP Application for MNA LSRP Supplemental Certification, provide professional judgment justification, to note any inconsistencies with the Initial Ground Water RAP Application previously submitted, etc.

Note: Inclusion of information in this section may necessitate additional inspection and review by NJDEP staff; this inspection and review will focus strictly on the information provided in Section C. Information provided should not exceed this page; do not attach additional pages.



Contact Information



- LSRP Supplemental Certification for Initial Ground Water RAP Application for MNA:
 - Alexander Shelkonovzeff, Ground Water RAP Supervisor
Email: alexander.shelkonovzeff@dep.nj.gov
Phone Number: 609-940-5594
- LSRP Supplemental Certification for Initial Soil RAP Application:
 - Crystal Pirozek, Soil RAP Supervisor
Email: crystal.pirozek@dep.nj.gov
Phone Number: 609-984-6004



Thank you!



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Questions?

Ground Water Quality Standards PQL Update

Greg Toffoli
Section Chief, Bureau of Environmental Evaluation and Risk Assessment
Greg.Toffoli@dep.nj.gov

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Questions?

**Meetings in 2024 will be held
from 9:00 AM - Noon:**

October 9