

Updates for Round 2

Technical Guidance Committees

SRAG-CVP Meeting, December 10, 2013

George Nicholas

Lead - SRP Technical Guidance Development

Round 2

Technical Guidance Committees

1. Off-Site Source Investigation

Chairperson: George Nicholas

2. Co-Mingled Plumes

Chairperson: Mary Anne Kuserk

3. Historic Pesticides Use

Chairperson: Chris Dwyer

4. Capping

Chairperson: Terry Sugihara

5. Performance Monitoring of In-situ GW Rem. Actions

Chairpersons: Joel Fradel and Maria VandeZilver

6. Evaluation of Contaminated GW Discharge to SW

Chairperson: Bill Hanrahan

7. Child Care Centers

Chairperson: Diane Pupa

8. Preparing for Catastrophic Storm Events (starts Jan 2014)

Chairperson: Janine MacGregor

Off-Site Source Investigation

Chairperson: George Nicholas

Document Focus:

Focus is on the technical and administrative approach for documenting that off-site contaminated GW is migrating onto your site.

This Committee shares similar concerns and issues as the Co-Mingled Plumes Committee, but the transition point between this guidance and the Comingled Plumes guidance would be the point where the GW plume combines with another plume.

Est. date for draft issuance (for review)

February 2014

Co-Mingled Plumes

Chairperson: Mary Anne Kuserk

Document Focus:

Focus is on tools that can be used to determine the characteristics of a commingled plume and how to differentiate one or more contaminant sources. Tools include simple approaches and also more complex techniques that may be used to develop credible lines of evidence. The document will also touch on the use of statistical methods, chemical indicators and chemical forensics.

Est. date for draft issuance (for review)

March 2014

Historic Pesticide Use

Chairperson: Chris Dwyer

Document Focus:

Guidance will focus on initial investigation, sampling approaches and blending techniques to mitigate historic pesticide contamination. The document will also address nonagricultural applications of pesticides. The document will not address policy issues. The Committee has recommended language to be included in a RAO to address permitted pesticide applications, and the draft of this is being reviewed by DEP upper management .

Est. date for draft issuance (for review)

End of December 2013

Capping

Chairperson: Terry Sugihara

Document Focus:

Focus on providing information on Low Permeability, Permeable, and Sediment caps and their use in remedial applications. Information is provided on design considerations; advantages and limitations; operation and maintenance issues; construction elements; and cost. The caps are intended to prevent direct contact in a vertical direction and the document assumes the decision to cap the contamination has already been made. The appropriateness of capping as a remedy to protect ground water from soil contamination is being deferred to the “Impact to GW Committee”

Est. date for draft issuance (for review)

February 2014

Performance Monitoring of In-Situ Remedial Actions

Chairperson: Joel Fradel and Maria VandeZilver

Document Focus:

This document builds on the existing GW SI/RI/RA Tech Guidance. The focus is on performance monitoring of in-situ remedial actions (not just GW) with regard to site characterization, remedial design and monitoring considerations. The document will outline the process for applying for a Permit-by-Rule and discuss how to avoid common mistakes. It will also clarify how to submit required information within the context of the overall remedial process and the submission of key documents.

Est. date for draft issuance (for review)

June 2014

Contaminated GW Discharge to SW

Chairperson: Bill Hanrahan

Document Focus:

Focus is on the characterization of contaminated ground water that is discharging to surface water. The document will address how to locate the contaminated GW discharge area using available tools that measure; temperature, conductivity, discharge rate and contaminant concentration.

Est. date for issuance of draft (for Review)

January 31, 2014

Child Care Centers

Chairperson: Diane Pupa

Document Focus:

Focus is on the RAO process as it relates to properties being converted to Child Care or Educational facilities. It will look at considerations for conducting a PA, SI, and implementing a remedial action, and clarify the roles and regulatory authority from a multi-agency perspective. The document will also discuss how the Madden Legislation applies and explain the DOH indoor air policy.

Est. date for draft issuance (for review)

April 2014

Preparing For Catastrophic Storm Events

Chairperson: Janine MacGregor

Document Focus:

Focus will be on SRP Sites and establishing procedures, communications networks, and chain-of-command structures to be used in emergency situations with a focus on preparing for extreme storm events. The document will also address planning in the remedial design phase and retro-fitting of existing remedial actions to increase system resilience to storm events and reduce the cost of restoration and after event response time.

Est. date for draft issuance (for review)

**** Committee to begin work in January 2014**