

Performance Monitoring of In Situ Ground Water Remedial Actions Meeting Summaries

September 19, 2012

Kickoff Meeting– Public Hearing Room - **Attendees** – Maria Van de Zilver, Joel Fradel, Ken Tyson, Jeff Fehr, Jonathan Lisko, Karnam Ramanand, Joe Luty, Tracy Grabiak, Joe Nowak. (Linda Caramichael attended via conference call, Martin Hilfinger could not attend)

Summary of meeting:

Introductions, signup sheet for everyone to provide their e-mail addresses was passed out, discussion of what day of the week would be best for meetings. Everyone agreed on Tuesdays.

Tracy Grabiak took on the task of providing everyone with a link to a relevant existing NJDEP manual, the NJPDES DISCHARGES TO GROUND WATER TECHNICAL MANUAL FOR THE SITE

REMEDICATION <http://www.nj.gov/dep/srp/guidance/njpdcs/>

Also Tracy provided everyone with the link to the new form for DGW proposals/permit-by-rule request on SRP's forms page **Discharge to Ground Water Permit by Rule Authorization Request**

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

Ken Tyson was given the task of beginning to formulate an outline for the guidance document.

Jeff Fehr was given the task of beginning a references sheet with any pertinent documents that he is aware of that can help us throughout the document writing process.

October 2, 2012

Meeting – 4th Floor Conference Room - **Attendees:** Ken Tyson, Linda Caramichael, Jon Lisko, Karnam Ramanand, Joel Fradel, Maria Van de Zilver, Tim Maguire, David Morrow, Tracy Grabiak, Joe Nowak (Martin Hilfinger attended via go-to meeting, Joe Luty was not able to attend, Jeff Fehr was not able to attend)

Summary of Meeting:

Introductions were made, discussion of changing the name of the committee occurred. A new name was not finalized. The outline that Ken had drafted last week was displayed on the overhead and amendments were made. Tentative date for the next meeting was arranged and confirmed following the meeting. The next meeting was scheduled for October 16, 2012. Everyone in the group was assigned the task of reviewing Ken's outline and making individual amendments and comments using Word's track changes. We were to bring the changes to the next meeting to be discussed. Via e-mail following the meeting it was decided that we would have the members of the committee forward their changes and outlines to Maria Van de Zilver prior to the October 16th meeting. Joel combined all outlines into one document to be discussed line item by line item at the October 16th meeting.

October 16, 2012

Meeting – 1st floor conference room Carroll Bldg. **Attendees:** Martin Hilfinger, Ken Tyson, Linda Caramichael, Jon Lisko, Karnam Ramanand, Joe Luty, Joel Fradel, Maria Van de Zilver, Tim Maguire, David Morrow, Tracy Grabiak, Joe Nowak (Jeff Fehr was not able to attend)

Summary of Meeting:

A copy of all the combined outlines were handed out to the meeting members and the combined outline was displayed on the overhead. Items were looked at line by line and determinations were made to remove some items and to make amendments to others. We were able to get through approximately ½ of the outline. A determination was made to continue to meet on Tuesdays and following the meeting dates were solidified through May of 2013. The subsequent meeting dates are October 30, November 13, November 27, December 11, January 8, January 22, February 5, February 19, March 5, March 19, April 2, April 16, April 30, and May 14. Meetings through the remainder of 2012 will

be held in the Carroll Bldg. 1st floor conference room and meetings in 2013 are scheduled for the 5th floor large conference room.

Before the conclusion of the meeting a few people volunteered to begin working on some sections of the outline in more depth. Tracy Grabiak volunteered to expand on the Regulatory Basis Section, Ken Tyson volunteered to expand on the Purpose Section and Linda Caramichael volunteered to expand upon the Summary of Technology Section.

November 13, 2012

Meeting – 1st floor conference room Carroll Bldg. **Attendees:** Jeff Fehr, Joel Fradel, Karnam Ramanand, Martin Hilfinger, Joe Luty, Tim Maguire, David Morrow, Tracy Grabiak, Joe Nowak (Ken Tyson, Linda Caramichael, Jon Lisko, Maria Van de Zilver were not able to attend)

Summary of Meeting:

Continued working on the outline. The basic intent was to move performance monitoring up Section 7.0 and the in-situ technologies section down Section 5.0. We also discussed going into greater detail for specific technologies –for example Chemical oxidation was expanded during the meeting. The idea is that we would do a similar expansion for each technology.

November 27, 2012

Meeting – 1st floor conference room Carroll Bldg. **Attendees:** Jon Lisko, Jeff Fehr, Joel Fradel, Maria Van de Zilver, Tim Maguire, David Morrow, Tracy Grabiak, Joe Nowak (Ken Tyson, Linda Caramichael, Karnam Ramanand, Martin Hilfinger, and Joe Luty were not able to attend)

Summary of Meeting:

Continued working on outline. Outline was put up on overhead and the group went through the outline line by line beginning with Section 1.0. Amendments were made to Section 3.0, Section 4.0, Section 5.0 and Section 6.0. Some sections from the previous outline were combined. Section 5.0 and 6.0 from 11/13/12 outline were combined into one section; Section 5.0. Section 8.0 from 11/13/12 outline was moved up and is now Section 6.0. The meeting concluded after discussing Section 6.5.

December 11, 2012

Meeting – 1st floor conference room Carroll Bldg. **Attendees:** Linda Caramichael, Jeff Fehr, Jon Lisko, Karnam Ramanand, Joe Luty, Joel Fradel, Maria Van de Zilver, Tim Maguire, David Morrow, Tracy Grabiak, Joe Nowak (Martin Hilfinger and Ken Tyson attended via “Go to Meeting”)

Summary of Meeting:

Continued working on outline. Section 4.3.1, 4.3.2 and 4.3.3 were amended to group technologies as referenced in the EPA’s Treatment Technologies Screening Matrix (Biological Processes, Physical/Chemical Processes, and Thermal Processes). Section 6.0: the components of this section were changed to reflect the following order: Overview, Defining Remediation Objectives or Standards, Pilot Testing vs. Full Scale Implementation, Performance Monitoring Plan, Data Evaluation, and Health and Safety Plan. Section 6.4.1 was amended to include the Effects of Fracturing. Section 7.0: the various technologies listed from 7.3-7.27 were grouped into their respective categories. It was agreed that current Section 6 would contain the general performance monitoring objectives and say generally what should be addressed by any performance monitoring plan and Section 7 would contain the detailed “go-to” information for those already clear on the general objectives and looking for detailed guidance on developing a performance monitoring plan for the specific technology they have already chosen. Next meeting was discussed. It will be held on January 8, 2013 on the 5th floor of 401 East State Street.

Agenda for next meeting:

Continue working on outline beginning with Section 7.5 Dewatering for Construction or Remediation

