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MINUTES FROM TIER 1 AND 2 MEETING DATED 22 JUNE 2011 NIROP FRIDLEY MN
6/22/2011
NIROP FRIDLEY

Fridley Tier 1/2 Partnering Meeting Minutes
USEPA Region 5 Offices
Chicago, IL
June 22, 2011

Meeting Attendance:

Sandeep Burman, MPCA (Tier 2)
Deepa deAlwis, MPCA (Tier 1)
Syed Quadri, USEPA Region 5 (Tier 2)
Mary Tierney, USEPA Region 5 (Tier 1)

Mark Schultz, NAVFAC Midwest (Tier 2)
Howard Hickey, NAVFAC Midwest (Tier 1)
John Trepanowski, Tetra Tech (Tier 2)
Paul Rice, The Management Edge (Facilitator)

INTRODUCTION

This document presents a summary of the June 2011 joint Tier 1/Tier 2 partnering meeting. The meeting was held at the USEPA Region 5 offices in Chicago, Illinois. The meeting convened at approximately 9:30 a.m. and closed at approximately 2:00 PM.

CHECK-IN AND AGENDA

The attendees were welcomed by Paul. Participants were introduced and checked-in. Paul reviewed the meeting logistics. John T. agreed to serve as the scribe for the meeting. Paul indicated he had four objectives for the meeting:

- Establish (and/or confirm) the Fridley Vision and Goals
- Define the scope of the system optimization study
- Define hydraulic containment
- Develop an exit strategy

VISION

As a starting point, the Team's 2002 Vision was reviewed. It was:

"Use the partnering process to shrink the plume faster, cheaper, and better"

Tier 2's role was discussed. At the previous meeting, Tier 2 established its role as:

- Provide feedback
- Communicate via a link at each meeting
- Measure and assess Tier 1 progress
- Committed to support Tier 1

After much discussion, the Team's Vision was updated by consensus to:

"Achieve MCLs throughout the plume; protect human health and the environment until MCLs are achieved."

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TEAM GOALS

As a starting point, Team Goals previously agreed upon were reviewed. After much discussion, the following six goals were established by consensus:

1. *Reliable O&M operation by September 2012*
2. *Complete the pump and treat system evaluation and implement upgrades by September 2012*
3. *Confirm that all wells installed prior to September 2012 are operating in accordance with their design, by September 2013*
4. *Capture COCs above 100 ppb by September 2012*
5. *Meet Class 2B surface water standards in compliance wells by September 2018*
6. *Achieve MCLs throughout the plume in a reasonable timeframe.*

Several discussions took place while the goals were being established, including the following. The City of Minneapolis may look at groundwater extraction for drinking water use in the long-term, as it is one of the few entities using surface water remaining in Minnesota. If they do, they would likely look at extraction near their current potable water treatment plant near the site for efficiency's sake. If this were to occur, it would increase the pressure to restore site groundwater. Groundwater treatment for VOC removal at the potable water treatment plant is also an option. Deepa noted the aquifer is rich in magnetite, which could impact fate and transport.

Use of groundwater for drinking water purposes was placed on the parking lot. The potential demand by the community for use of groundwater will be added to the Tier 1 October 2011 agenda for an update.

Goal 1 refers to what has been installed to date, both extraction wells and plant, system maintenance and preventative maintenance.

Regarding Goal 2, the Draft System Evaluation Report to be delivered by September 30, 2011 is the vehicle to conduct the system evaluation. However, the report will have a hole in it since it won't contain well AT-3A replacement data. Well AT-3A replacement data won't be available for the analysis until December 2011. The AT-3A replacement well installation has been pushed 3.5 weeks from the latest schedule given to the regulators. The evaluation will need to be finalized early in CY 2012 to meet Goal 2.

ACTION ITEM: Mark will send a letter discussing the revised schedule to all of Tier 2 by September 2011.

Regarding Goal 6, the following action item was established by consensus:

ACTION ITEM: Review Goal #6 and determine a reasonable timeframe to achieve MCLs across the plume by January 2013, using groundwater modeling as one component.

Mark stated that the Navy is on board with doing a source investigation.

Mary stated that defining hydraulic containment rigidly (e.g., East River Road) is not as important as is progress towards restoring the aquifer to MCLs while protecting human health and the environment.

Howard feels the source investigations conducted to date are not sufficient to justify a TI Waiver.

Deepa stated that MPCA is not absolutely requiring treatment of a source area if found. The area most important to investigate is the East Plating Area.

Mary mentioned that Rick identified three potential source areas in a white paper. Howard needs to look again at the white paper to see if he agrees with the recommendations. The three RPMs agreed to the following action item.

ACTION ITEM: The three RPMs will review the white paper and make recommendations on the way forward for source investigation by January 2012.

EXIT STRATEGY

It was agreed this topic could not be completed due to time constraints. MPCA's draft exit strategy [no discussion was held on MPCA's exit strategy] is to make sure the pump and treat system is working, meet the Class B standards, do the source investigation, possible source treatment or TI Waiver, perform a risk assessment, turn off the extraction wells, and allow MNA to completely restore the aquifer.

ACTION ITEM: Deepa will send out the draft MPCA exit strategy recommendations to the team by June 24, 2011.

TIER 2 ITEMS

Tier 2 established a goal of having a phone call within one week of each Tier 1 meeting. The link for the Tier 1 meeting will set up the call.

The next Tier 2 meeting will be held in September 2012.

The next Tier 1 meeting is October 13 and 14, 2011. Mark will be the Tier 2 Link (Syed alternate).

MEETING CLOSE-OUT

The team next identified positive and negative aspects of the meeting. The following table is a synopsis of this exercise.

Plus (+)	Delta (-)
Good cooperation	Agenda out a bit late
Consensus on vision	Facilitator late from break
Strategy tied into discussions	Start/end on time
Nice to have different location	
No car issues	
Got a lot accomplished	
Identified goals	
Good facility	
Good dynamic among Tier 1 and Tier 2	
Trust – via communications	
Smaller group and having John attend	

Joint/scheduled Tier 1/Tier 2 Team	
Flexibility adjusting agenda	
Identified challenging goals	
Attitude of solving problems	
Pre-meeting questionnaire	
Able to be flexible	