

***DRAFT / FOR REVIEW AND IMPROVEMENT ONLY***

**Madison Water Utility**

**Well 15 CAP Meeting No. 1 Notes**

**November 10, 2011**

## List of Attendees

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<b>Name</b>	<b>Affiliation</b>	<b>Telephone</b>
Al Larson	MWU	
Joe Grande	MWU	
Paul Boersma	B&V	
Sue Paster	CAP	
Dan Moser	CAP	
Randy Deering	CAP	
Steve Gaffield	MARS	
Others?		

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### Meeting Notes

- 1) Agenda Repair – None
- 2) Report on Trip to Cedarburg
  - a. Al Larson reported on the trip to Cedarburg to view a low profile air stripper. He presented comments, pictures, and video on the size, operation, maintenance, and noise associated with the low profile air stripper. CAP members noted appreciation that Al and others made the trip to Cedarburg and the report.
- 3) Report of Air Stripper Design and VOC Treatment Memo.
  - a. Paul Boersma reported on revisions made to the Well 15 VOC Treatment Technical Memorandum, including updated costs estimates, 20-year life cycle costs, and more details on liquid phase carbon. A revised VOC Treatment Memo was presented to the CAP. The revised memorandum made a specific recommendation for construction of a low profile air stripper.
  - b. Paul Boersma also presented conclusions of the Well 15 VOC Treatment Memo that offgas treatment was not warranted because the predicted offgas concentrations were at least ten times below the minimum amounts requiring treatment by the WDNR. The CAP concurred with this recommendation but requested that confirmation sampling be done during start-up of the air stripper.
- 4) Further Groundwater Investigations
  - a. Based on a CAP request at the May meeting, the MWU evaluated and then concurred with the CAP recommendation to expend some effort to both:
    - i. Assess if the cause of PCE contamination around Well 15 can be determined and
    - ii. Assess if Well 15 can be modified by extending the casing so that fewer VOCs would enter the well.
  - b. Steve Gaffield of MARs presented a preliminary approach for the investigation.
  - c. Al Larson noted that the MWU is committed to doing the both aspects of the investigation.
- 5) Final Design. Al Larson presented a draft Request for Proposal for the final design of the air stripper. The RFP is expected to be released in mid and late November.
- 6) Next Meeting – to be determined