

**Motorola 52nd St. Superfund Site
Community Information Group Webinar Meeting
October 26, 2016 – 6:00 pm**

Project Team and Regulator Attendees:

United States Environmental Protection Agency (EPA): Carlin Hafiz, Rachel Loftin

EPA Contractor: Sue Kraemer, Doug Hulmes, CB&I Federal Services, Inc. (CB&I)

Arizona Department of Environmental Quality (ADEQ): Laura Fischer, Karin Harker, Wendy Flood,
Brian Stonebrink

Moderator: Carlin Hafiz (EPA)

CIG Members:

Todd Schwarz
Steve Brittle

Vic Grace

Additional Attendees:

Andrea Martinez, Salt River Project (SRP)
Brigitte Dufour, Arizona Department of
Health Services (ADHS)
Geofrey Moss, Environmental Resource
Management (ERM)
Jenn McCall, NXP Semiconductor (NXP)
Julie Reimenschnieder, City of Phoenix

Karis Nelson
Matthew Roach
Rick Edwards
Ruthann Marston, Community member
Tao Wu, Honeywell, Inc.
Tom Suriano, Clear Creek Associates, Inc.
(CCA)

Note: Other attendees may have participated by phone.

Meeting Summary Notes:

On October 26, 2016, EPA and ADEQ held a Community Information Group (CIG) meeting utilizing webinar and teleconferencing technology. The meeting began at approximately 6:00 pm and adjourned at approximately 6:35 pm. The primary purpose of the meeting was to update the public on the current status, and provide an opportunity for ADEQ and EPA to present additional data regarding the Motorola 52nd Street Superfund (M52) Site. The meeting also provided a forum for interaction between stakeholders, regulators and the public.

These meeting notes and the PowerPoint presentations presented at this CIG meeting will be emailed to the M52 Site CIG members on the email list and will be posted on EPA's and ADEQ's Motorola 52nd Street project websites:

<https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/AZD009004177>

<http://www.azdeq.gov/environ/waste/sps/reg.html>

Carlin Hafiz (EPA) opened the webinar and reviewed the ground rules, webinar logistics, and conducted a roll call of the CIG members.

Technical Assistance Services for Communities (TASC) Program - Carlin Hafiz (EPA): The TASC program is provided by a third party via a national contract managed by EPA Headquarters. Skeo Solutions in Virginia is the current third party administrator of the program. Skeo met with CIG members, ADEQ, and EPA to poll for activities for the TASC funded work. Skeo will draft recommendations for activities to be funded. A call will be set up between Skeo and the CIG members to review and prioritize the proposed activities to be funded. Skeo will send an email with proposed dates for the prioritization call.

Site Updates - Status updates on the M52 activities were presented (see presentation documents). The presenters and topics included:

- Rachel Loftin (EPA): Remedial Investigation(RI)/Feasibility Study (FS), Operable Unit 1 (OU) Vapor Intrusion (VI) Investigation:
 - Field work has been completed for the OU1 RI and the report is currently being drafted. Upon completion of the RI, a FS will be conducted to determine if any changes or adjustments to the existing remedy are necessary.
 - A pilot test work plan has been submitted to EPA and ADEQ for review. The pilot will evaluate implementability and effectiveness of an in-situ technology to reduce TCE concentrations in groundwater in OU1 to address VI in the Almeria neighborhood.
 - The residential VI investigation is complete. A total of 16 residential buildings required mitigation (19 residences).
 - Agencies are working on Arizona Department of Transportation (ADOT) commercial property deed restriction and mitigation as ADOT may put the property to use in the foreseeable future.
 - Ongoing annual system maintenance checks and indoor air monitoring will be conducted at mitigated homes through February 2016. Indoor air monitoring will change to every two years and the next monitoring round will take place in 2018.
 - The former approximately 90-acre Motorola 52nd Street facility VI investigation was conducted in February, July and August 2016 by NXP/CCA.
 - CCA presented the status and proposed VI work during April 2016 webinar.
 - Data results indicate VI is not occurring at the former M52 Plant/campus property.
- Tom Suriano (CCA) – OU1 VI Investigation:
 - The OU1 M53 Plant/campus property VI investigation is complete; both warm and cold seasons have been sampled. EPA is evaluating the results to verify the overall investigation is complete.

- Karin Harker and Laura Fischer (ADEQ) – OU2 Update:
 - Status of the Honeywell facility was provided. Honeywell is currently reviewing plans for an offsite well to fill a data gap.
 - Soil vapor extraction (SVE) system at the Kachina/Joray facility continues to operate and it is reducing tetrachloroethylene (PCE) in the shallow zone beneath the facility.
 - OU2 Groundwater Treatment system continues to provide plume containment and groundwater VOC concentrations continue to decline.
 - OU2 data and investigations are in the process of being uploaded to the ADEQ website, which is under reconstruction to become more user-friendly to the public.

- Rachel Loftin (EPA) – OU2 VI Investigation target areas were presented, showing locations of soil vapor and indoor air sampling.
 - Recent limited data shows that VI is likely not occurring where samples were collected in OU2. Where PCE levels were detected in indoor air, it was likely due to residents' lifestyle/items as some reported recently bringing home dry-cleaned clothing.
 - Work plans for continuing the VI investigation in OU2 are currently being finalized.
 - NXP and Honeywell are working with the City of Phoenix to obtain access permits for soil gas monitoring wells to be located in the city's streets.
 - Data from the VI investigation will be used with the RI data to develop a site-wide remedy for OU2.

- Rachel Loftin (EPA) – OU3 RI/FS Update:
 - The draft RI, Risk Assessment, and FS reports for OU3 were submitted by the OU3 Working Group in late April 2015; EPA is completing the final RI Report review.
 - In lieu of revising FS, remedial alternative options are being developed for Agencies' review before the revised FS Report is submitted.
 - Groundwater in OU3 is deeper, and has lower VOC concentrations than OU1 and OU2. Data collected to date indicates VI related to the M52 plume has **not** been detected in OU3.
 - A Public Meeting will be held for the preferred remedy in late 2017 or early 2018.

- Rachel Loftin (EPA) – The 2016 Five-Year Review (FYR) was finalized at the end of September 2016.
 - The FYR focuses on OU1 and OU2 because remedial decisions have been made in these operable units.
 - All FYRs are now conducted by the Army Corps of Engineers (ACE). The FYR found that the groundwater concentrations in OU1 and OU2 have been going down, and the size of the plume is decreasing.
 - EPA determined that the remedy for OU1 is protective for the short term and the RI/FS will address long-term protectiveness.
 - OU2 Protectiveness is deferred until VI work is completed, which is in progress.
 - OU3 Does not have a remedy in place yet, so it is not evaluated in a FYR.

The PowerPoint slides are being e-mailed to the CIG and all attendees of this webinar, with these Notes.

Based on the annual CIG meeting schedule, EPA indicated **the next CIG webinar will be Wednesday, October 18, 2017**. Ms. Hafiz asked CIG members to email EPA with proposed dates/times, if the CIG would like an update in April 2017. Ms. Hafiz asked Mr. Brittle and Mr. Schwarz if they had questions. Mr. Schwarz had no questions. Mr. Brittle was not audible during the end of the call, however EPA contacted him and held a brief call immediately following the webinar meeting. Meeting adjourned.