July 29, 2014

Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

Attn: Ms. Robin Harrover

RE: STATUS REPORT: NO. 47, APRIL THROUGH JUNE 2014 ACTIVITY PERIOD
BOEING AUBURN FACILITY
WAD 041337130, RCRA CORRECTIVE ACTION AGREED ORDER
NO. 01HWTRNR-3345

Ms. Harrover:

References:

1. April 9, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Robin Harrover, Washington State Department of Ecology. Re: *RES027 Yard Sampling Final Data Lette*r. [Attachments: Final data letter for the property owner of RES027 (due on April 10) and current list of addresses for the yard sampling respondents].

2. April 14, 2014. Email message from Sarah Fees, Landau Associates, to Robin Harrover, Washington State Department of Ecology. Re: *Letter to RES019 and RES022 (no further attempts at yard water sampling).* (Attachment: Draft wording for the letters to RES019 and RES022 about yard water sampling).

3. April 14, 2014. Letter: *Ecology comment regarding the Additional Algona Remedial Investigation, Spring 2014, Boeing Auburn, Auburn, Washington; prepared for the Boeing Company by Landau Associates: Dated February 27, 2014; FS #2018; CS #5049; EPA WAD041337130*. From Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company.

4. April 15, 2014. Report: *Status Report: No. 46, January through March 2014 Activity Period, Boeing Commercial Airplane Group, Auburn Plant, WAD 041337130, RCRA Corrective Action Agreed Order No. 01HWTRNR-3345.* Prepared by Landau Associates, submitted to Robin Harrover, Washington State Department of Ecology.

5. April 16, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *VI winter sampling*. (Attachment: Graph of current water level data from the Chicago Avenue ditch and adjacent shallow zone groundwater monitoring wells in Algona).

6. April 18, 2014. Email message from Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company. Re: *Groundwater Monitoring Plan.*

7. April 24, 2014. Email message from Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company and Jennifer Wynkoop, Landau Associates. Re: *Final Ecology Response Letter to RES019 and RES022*. (Attachment: Ecology's final response letter to residents RES019 and RES022 about yard water sampling).

8. April 29, 2014. Email message from James Bet, The Boeing Company to Robin Harrover and Neal Hines, Washington State Department of Ecology. Re: *YMCA Data Letter*. (Attachment: Draft letter for YMCA explaining vapor intrusion sampling results from December 2014).

9. May 1, 2014. Letter: *Amendment to the Phase V Groundwater Monitoring Program, Boeing Auburn, Auburn, Washington*. From Sarah Fees and Jennifer Wynkoop, Landau Associates to Robin Harrover, Washington State Department of Ecology.

10. May 2, 2014. Report: *Work Plan, Additional Algona Groundwater Investigation, Spring 2014 Boeing Auburn, Auburn Washington*. Prepared for The Boeing Company.

11. May 2, 2014. Memorandum: *2014 Wet Season Surface Water Results, Boeing Auburn, Auburn, Washington*. From Sarah Fees and Jennifer Wynkoop, Landau Associates to Robin Harrover, Washington State Department of Ecology.

12. May 6, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Robin Harrover, Neal Hines, and Thea Levkovitz, Washington State Department of Ecology. Re: *Drilling flyer 05052014_draft.docx*. (Attachment: Draft of flyer for drilling in Algona).

13. May 14, 2014. Email message from Neal Hines, Washington State Department of Ecology to James Bet, The Boeing Company. Re: *YMCA Data Letter*. (Attachment: Ecology edits for the YMCA data letter).

14. May 14, 2014. Letter: *Request for Variance, Continuous Multi-Channel Tubing Multi-level Wells, Boeing Auburn Facility, Auburn Washington.* From Jennifer Wynkoop, Landau Associates, to Noel Philip, Washington State Department of Ecology.

15. May 15, 2014. Letter: *Ecology approval letter for the work plan: Additional Algona Groundwater Investigation, Spring 2014, Boeing Auburn; FS #2018; CS #5049; WAD041337130*. From Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company.

16. May 19, 2014. Email message from Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company. Re: *Need access to complete Boeing GW Database*.

17. May 21, 2014. File transfer from Jennifer Wynkoop, Landau Associates, to Robin Harrover and Neal Hines, Washington State Department of Ecology. Re: *Boeing Auburn Database*.
18. May 23, 2014. Email message from Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company. Re: *Revision to Phase V of the Groundwater Monitoring Plan*. (Attachment: Wells to be analyzed for PCE by Method 8260C SIM).

19. May 2014. Ecology Fact Sheet. Re: *Opportunities to Engage with the Project*. (Received by Landau Associates on May 27, 2014).

20. June 2014. Ecology Questions and Answers Flyer. Re: *Additional Wells to Be Installed in Northern Algona*. (Received by Landau Associates on June 10, 2014).

21. June 4, 2014. Letter: *Variance request from Washington Administrative Code (WAC) for installation of a product not meeting various requirements. The project is located at multiple locations in City of Algona right-of-way in Sections 23, 24, and 25, Township 21, Range 04E, W.M. in King County*. From Jacqueline Klug, Washington State Department of Ecology, to Jennifer Wynkoop, Landau Associates.

22. June 10, 2014. Email message from Jeanette Ordonez, Futurewise, to Megan Hilfer, The Boeing Company and Jennifer Wynkoop, Landau Associates. Re: *Fishing Derby Report.* (Attachment: Kid's Fishing Derby report).

23. June 12, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *Evaluation of VI Screening Levels for children at YMCA.* (Attachment: Spreadsheets for calculations of child screening levels for vinyl chloride at YMCA).

24. June 12, 2014. Draft Report: *Phase II Vapor Intrusion Summary (Winter-Spring 2014), City of Algona, Algona, Washington*. Prepared for the Boeing Company.

25. June 12, 2014. Email message from Neal Hines, Washington State Department of Ecology, to James Bet, The Boeing Company. Re: *Chicago Ave. ditch air sampling*.

26. June 13, 2014. Email message from Sarah Fees, Landau Associates, to Robin Harrover and Neal Hines, Washington State Department of Ecology. Re: *YMCA Data Letter*. (Attachment: Draft of YMCA data letter updated based on Ecology comments from May 14).

27. June 19, 2014. Technical Memorandum: *Algona Neighborhood Ditch Sampling Investigation, Boeing Auburn Facility, Auburn, Washington*. From Jennifer Wynkoop and Sarah Fees, Landau Associates, to James Bet, The Boeing Company.

28. June 19, 2014. Technical Memorandum: *July 2013 Surface Water Investigation, Boeing Auburn Facility, Auburn, Washington*. From Sarah Fees and Jennifer Wynkoop, Landau Associates, to James Bet, The Boeing Company.

29. June 20, 2014. Email from James Bet, The Boeing Company, to Robin Harrover and Neal Hines, Washington State Department of Ecology. Re: Updated Drilling Schedule. (Attachment: Drilling schedule updated with direct-push drilling along Interurban Trail moved to July 7).

30. June 23, 2014. Email message from Neal Hines, Washington State Department of Ecology, to Sarah Fees, Landau Associates and Robin Harrover, Washington State Department of Ecology. Re: *YMCA Data Letter*.

31. June 24, 2014. Letter: *Indoor Air and Sub-Slab Soil Vapor Sampling Results, YMCA Building, Auburn, Washington*. From Jennifer Wynkoop, Landau Associates, to Jason Berry, YMCA.

32. June 24, 2014. Email message from Robin Harrover, Washington State Department of Ecology, to James Bet, The Boeing Company. Re: *Quarterly Report*.

33. June 25, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *Figures for June 30th Meeting*. (Attachment: Two figures Ecology requested for the June 30th meeting with Auburn City Council).

34. June 26, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *Surface Water map for edits, Auburn City Council mtg*. (Attachment: Updated surface water figure for the June 30th meeting with Auburn City Council).

35. June 27, 2014. Draft Report: *Agency Review Draft, Supplemental Remedial Investigation Data Summary Report Fall 2012 to Fall 2013, Boeing Auburn Facility, Auburn, Washington.* Prepared for The Boeing Company.

The Auburn Agreed Order became effective on August 14, 2002. As required under Section VI.12 of the Auburn Agreed Order, The Boeing Company (Boeing) is providing Status Report No. 47, which covers the 3-month activity period of April through June 2014.

WORK CONDUCTED

General Site-wide Corrective Action Activities

On April 15, 2014, Landau Associates submitted Status Report No. 46 regarding first quarter 2014 activities to Washington State Department of Ecology (Ecology) and other stakeholders[1] for their records (Reference #4).

Boeing is continuing calibration of the site-wide numerical groundwater model. Boeing plans to present the draft model to Ecology in the third quarter of 2014.

Ecology project managers, Robin Harrover and Neal Hines, continued to attend regularly scheduled weekly conference calls with Boeing, Landau Associates, and the City of Algona's environmental consultant, ICF International (ICF). The primary purpose of these calls is to discuss technical aspects of the project scope and schedule, data results, and public outreach. Boeing and Ecology communication personnel also attend these calls. Meeting notes continue to be recorded and distributed by Landau Associates.

Site-wide Vapor Intrusion Assessment

Boeing submitted a site-wide *Draft Vapor Intrusion Evaluation and Assessment Approach* report (site-wide vapor intrusion approach report) to Ecology for review and comment in February 2013. Ecology provided comments on the site-wide vapor intrusion approach report in April 2013 and requested the report be resubmitted. In the second quarter 2013, Boeing and Ecology agreed to delay finalizing the

[1] A list of stakeholders that receive paper copies of quarterly status reports are listed at the end of this document. Ecology also forwards quarterly status reports via email to representatives of the City of Algona, City of Auburn, City of Pacific, South King County Health Department, and Washington State Department of Health (WDOH).

site-wide vapor intrusion approach report until completion of the residential vapor intrusion work in Algona, Washington (Algona). The site-wide vapor intrusion approach report will be resubmitted to Ecology in the third quarter of 2014.

Algona Residential Vapor Intrusion Assessment

This section describes residential vapor intrusion activities including sampling and data submittal activities for Phase II (2014 winter sampling) work and final reporting for vapor intrusion.

Residential Vapor Intrusion Phase II (Winter 2014) Sampling and Data Submittal

Phase II (winter 2014) vapor intrusion sampling took place between January 27, 2014 and April 23, 2014. Phase II sampling was completed for seven residences. Summa canisters were collected at all seven residences and 21-day Radiello® samples were collected at two residences. Ecology requested water level data in order to determine if winter vapor intrusion sampling should be extended. Boeing provided a graph of the current water level data from the Chicago Avenue ditch and adjacent shallow zone wells on April 16, 2014 (Reference #5). Ecology determined that winter vapor intrusion sampling would not be extended; the last winter vapor intrusion sampling was completed on April 23, 2014.

Validated and quality assured data were submitted to Ecology within 7 days after the last samples were collected at each home. Draft data letters and final data summary reports for each residence were submitted to Ecology within 15 days after the last sample was collected at each home. Ecology provided comments on the data letters within 23 days after the last sample was collected at each home. Final data letters were provided to Ecology and Ecology sent final data letters to each residence 28 days after the last sample was collected at each home. Data submittal email references are provided in Attachment 1. A data table showing the progress of sampling and submittals for all 24 residences at the end of the Phase II sampling is provided in Table 1-1. This table was updated weekly and distributed with the meeting agendas for the weekly conference calls.

Residential Vapor Intrusion Reporting

In an effort to provide the public with an update on the results of the Phase II sampling, Ecology and Boeing agreed that the Phase I vapor intrusion summary report be updated with the results from the Phase II sampling. Boeing submitted a draft of the Phase II vapor intrusion summary report on June 2, 2014 (Reference #24). Ecology comments are expected to be received in the third quarter 2014. Boeing is preparing a technical report describing the results of both Phase I and Phase II sampling and expects to submit this report to Ecology in the third quarter 2014.

Commercial Vapor Intrusion Assessment

At the request of Junior Achievement and YMCA, Boeing agreed to conduct indoor air confirmation sampling at these facilities to follow up on sub-slab soil gas sampling that was conducted in February 2012. Indoor air sampling was completed at both facilities in July 2013. Indoor air and sub-slab resampling at the YMCA occurred on December 17 and 18, 2013. Boeing submitted a draft data letter to Ecology regarding the resampling at the YMCA on April 29, 2014 (Reference #8). Ecology provided comments and edits to the data letter on May 14, 2014 (Reference #13). One of Ecology's comments included a request for a comparison of screening levels for children compared to adults at the YMCA. Boeing submitted spreadsheets providing calculations of child screening levels and comparisons to adult screening levels on June 12, 2014 (Reference #23). Boeing resubmitted an updated data letter to Ecology on June 13, 2014 (Reference #26). Ecology approved this data letter on June 23, 2014 (Reference #30). Boeing sent the data letter explaining the indoor air and sub-slab soil vapor sampling results to the YMCA on June 24, 2014 (Reference #31).

Boeing is working on creating a commercial vapor intrusion assessment work plan for additional commercial vapor intrusion assessment. Boeing expects to submit this work plan to Ecology in the third quarter 2014.

Algona Yard and Ditch Sampling

Boeing submitted a revised draft *Yard and Ditch Sampling Work Plan* to Ecology in June 2013 and Ecology provided conditional approval in September 2013. The field work for the yard and ditch sampling work plan was split into two phases. The first phase included roadside ditch sampling and the second phase included residential ponded yard water sampling.

Roadside Ditch Sampling

Roadside ditch sampling occurred on November 25 and 26, 2013. Boeing submitted the results of the roadside ditch sampling in a draft technical memorandum in January 2014. Ecology provided comments on the ditch sampling technical memorandum in March 2014. Boeing finalized the technical memorandum based on Ecology comments and submitted this document to Ecology on June 19, 2014 (Reference #27).

Residential Yard Water Sampling

Yard water sampling was completed at five properties in the first quarter of 2014. Validated and quality assured data were submitted to Ecology within 7 days after the samples were collected at each property. Draft data letters for each property were submitted to Ecology within 15 days after the samples

were collected at each property. Ecology provided comments on the data letters 23 days after the samples were collected at each property. Final data letters were provided to Ecology and Ecology sent final data letters to each property owner 28 days after the samples were collected at each property. Final data letters were sent out to the property owners of four of the five sampled properties during the first quarter 2014. The final data letter for the remaining property was sent to the property owner on April 9, 2014 (Reference #1).

Two other property owners had requested yard water sampling; however, there was not enough yard water present to sample when sampling was attempted at these properties. Ecology determined that no further attempts would be made to collect yard water samples at these properties unless the property owners observed enough water to sample and requested sampling. Boeing sent draft wording for letters for these two property owners on April 14, 2014 (Reference #2). Ecology provided Boeing with the final letters that had been sent to these two property owners on April 24, 2014 (Reference #7).

Boeing is preparing a technical memorandum summarizing the results of all of the yard water sampling. Boeing expects to submit this technical memorandum to Ecology in the third quarter 2014.

Surface Water Investigation

Dry season surface water samples were collected in Auburn in July 2013. Boeing submitted the *July 2013 Surface Water Investigation* technical memorandum to Ecology in August 2013. Ecology provided comments on the technical memorandum in January 2014. Boeing updated the technical memorandum based on Ecology comments and submitted the final version on June 19, 2014 (Reference #28).

Ecology requested an updated work plan be submitted outlining all of the surface water investigations for 2014. Boeing submitted the final work plan, *2014 Surface Water Investigation Work Plan,* to Ecology in March 2014. Surface water investigation in 2014 includes quarterly sampling in the Chicago Avenue ditch in Algona as well as one wet season and one dry season sampling event in locations in Auburn.

Surface water sampling in Algona includes quarterly sampling at three locations at the Chicago Avenue Ditch. The City of Algona provided a permit for accessing and sampling the Chicago Avenue ditch on October 30, 2013. Two quarters of sampling occurred at the Chicago Avenue ditch (December 2013 and February 2014) prior to second quarter 2014. The third sampling event occurred on May 30, 2014. Data for the third sampling event are provided in Attachment 2. The surface water sampling locations are presented on Figure 2-1. A complete summary of analytical results is presented in Table 2-1.

Surface water sampling in Auburn includes a wet season surface water sampling event in spring 2014 and dry season surface water sampling event in the third quarter 2014. Wet season surface water

sampling was completed at all locations except the O Street wetland[2] on March 24, 2014. Access was received for sampling at the O Street wetland on March 27, 2014 and sampling at this location occurred on April 2, 2014. Results of this sampling were sent to Ecology on May 2, 2014 (Reference #11).

Algona Drilling Program

Boeing submitted a draft work plan for additional drilling in Algona on February 2014. Ecology provided comments on the work plan on April 14, 2014 (Reference #3). Boeing updated the work plan based on Ecology comments and submitted the final work plan on May 2, 2014 (Reference #10). Ecology provided final approval for the work plan on May 15, 2014 (Reference #15).

The field work described in the work plan included drilling and installation of 12 monitoring wells in Algona. The well drilling and installation consisted of nine continuous multi-channel tubing (CMT) multi-level wells and three conventional water table wells. Other field work in Algona also included drilling of five direct-push probe explorations with borehole groundwater samples collected from temporary well screens. Additional field work described in the work plan included nine direct-push probe explorations with borehole groundwater samples collected from temporary well screens along the Interurban Trail. The proposed locations along the Interurban Trail are on property owned by Puget Sound Energy.

Permitting required for the field work included a right-of-way (ROW) construction permit from the City of Algona for the 12 monitoring wells and the five direct-push probe explorations located on City of Algona ROW; a limited use permit agreement with Puget Sound Energy for the nine direct-push probe explorations located on the Interurban Trail; and an Ecology well variance for the CMT multi-level wells. Boeing submitted a variance request for the installation of the continuous multi-channel tubing (CMT) multi-level wells to Ecology on May 14, 2014 (Reference #14). Ecology granted the variance request on June 4, 2014 (Reference #21). Boeing received the ROW permit for the drilling and installation of 12 monitoring wells and the 5 direct-push probe explorations in Algona on May 22, 2014. Boeing is working with Puget Sound Energy to complete a limited use permit agreement for the direct-push drilling along the Interurban Trail.

Boeing provided a draft drilling flyer to Ecology on May 6, 2014 (Reference #12). Ecology made edits to this draft flyer and sent out a final flyer to residents of Algona in early June 2014 (Reference #20). This flyer explained the drilling activities that were taking place and provided answers to questions about the drilling work in Algona.

[2] Approval was not received from the property owner of the O Street wetland until March 27, 2014.

Well drilling and installation in Algona was completed between June 9 and June 27, 2014. On June 9, a media event took place at the first well drilling location and was attended by representatives of Ecology, Boeing, and the City of Algona as well as members of the press. The five direct-push probe explorations in Algona were completed between June 23 and June 26, 2014. Due to permitting delays, the direct-push borings on the Interurban Trail were rescheduled to start in July. This change in schedule was communicated to Ecology via email on June 20, 2014 (Reference #29). The permit is expected to be completed in July 2014 and the field work along the Interurban Trail will be completed once the permit is finalized.

Fall 2012 to Fall 2013 Drilling Program

A total of 21 wells were proposed in the fall 2012 drilling work plan. Eighteen of the proposed wells were installed between Fall 2012 and Fall 2013. The remaining three wells proposed on GSA property have been postponed to the next phase of drilling due to delays in obtaining an access agreement. A draft report summarizing data collected from the Fall 2012 to Fall 2013 drilling program was submitted to Ecology on June 27, 2014 (Reference #35). Boeing expects to receive comments from Ecology on this report in the third quarter of 2014.

Groundwater and Surface Water Level Monitoring

Groundwater and surface water level monitoring occurs at locations in Auburn and Algona. Water level monitoring in Auburn includes monthly surface water measurements at a staff gauge in the Auburn 400 north flood storage pond and the depth to groundwater at the adjacent wells (AGW235 and AGW236). Water levels were collected at these locations two times in April (April 1 and 15) and collected once in May (May 21) and once immediately following the month of June (July 1)[3].

Water level monitoring in Algona includes hourly pressure transducer measurements at a datalogger station in the Chicago Avenue ditch and hourly pressure transducer measurements at dataloggers in adjacent shallow zone wells (AGW225 and AGW226). The City of Algona provided a permit for installing the datalogger station at the Chicago Avenue ditch in October 2013. The datalogger station in the ditch was installed to monitor surface water levels. A datalogger and barologger were installed in the datalogger station in January 2014. Dataloggers were also installed in adjacent wells AGW226 and AGW225[4]. The datalogger data were downloaded on April 1, April 15, May 21, and July

[3] Water level measurements were not able to be collected in the month of June due to availability of field staff. Another water level measurement will be collected for the month of July at a later date in July.
[4] The datalogger at AGW225 was installed in March 2013 and the datalogger at AGW226 was installed in January 2014.

1; water level measurements were collected with a handheld water level monitoring probe or observed from the staff gauge each time the dataloggers were downloaded.

Groundwater Sampling

On January 15, 2013, Boeing submitted a proposed Phase VI (i.e., six) interim groundwater monitoring plan to Ecology for review. To date, Boeing has not received review comments from Ecology; therefore, groundwater sampling is continuing under the Phase V (i.e., five) monitoring program. Ecology requested that revisions to the groundwater monitoring plan needed prior to the June annual groundwater monitoring event be submitted as an update to the Phase V groundwater monitoring plan and an updated Phase VI groundwater monitoring plan submitted before the third quarter groundwater sampling event (Reference #6). Boeing submitted a letter requesting updates to the Phase V groundwater monitoring program on May 1, 2014 (Reference #9). On May 19, 2014, Ecology requested access to the complete groundwater database in order to provide a response to the revisions to the Phase V groundwater monitoring program (Reference #16). Boeing provided the database to Ecology on May 21, 2014 (Reference #17). Ecology provided comments on the revision to the Phase V of the groundwater monitoring plan on May 23, 2014 (Reference #18).

Annual groundwater sampling took place from May 27 to June 24, 2014 according to the updates to the Phase V groundwater monitoring plan as approved by Ecology. The groundwater sampling took longer to complete than usual due to equipment malfunctions and staff illness. In order to include all of the groundwater sampling data in this report, Boeing requested that Ecology provide an extension on the due date of this status report and Ecology approved a 2-week extension on June 24, 2014 (Reference #32). The annual groundwater sampling data are provided in Attachment 3. The current monitoring well network is presented on Figure 3-1. A sampling matrix of the June 2014 annual sampling event is presented in Table 3-1. A complete summary of analytical results is presented in Table 3-2. Detections are summarized in Table 3-3.

During the annual groundwater sampling event, baseline samples were collected at two sentry wells (AGW020 and AGW103) prior to the start of construction dewatering at Building 17-68. The results of this baseline sampling are presented in Attachment 4. The location of the sentry wells in relation to dewatering activities is presented on Figure 4-1. A complete summary of analytical results from the baseline sampling is presented in Table 4-1. Sentry wells will be monitored for VOCs monthly once dewatering starts. Dewatering is expected to start in the third quarter of 2014.

Communications

Ecology sent out a general project update fact sheet at the end of May 2014 (Reference #19). This project update fact sheet was sent out to homeowners in both Algona and Auburn, Washington.

City of Algona Communications

The City of Algona has been notified of all field work occurring in Algona. The City of Algona's consultant, ICF, continues to participate in weekly conference calls with Boeing and Ecology and continues to review Algona-related deliverables (e.g., work plans and reports). Ecology also has weekly communications with Mayor Hill (City of Algona). Ecology shares information from these meetings with Boeing by distributing meeting notes and discussions during the weekly conference calls.

A fishing derby was held in Algona on May 31, 2014. Futurewise and the Algona Public Awareness Coalition (APAC) attended the fishing derby and provided information about the Boeing Auburn project to the community. Futurewise and APAC operate under a public outreach grant through the City of Algona from Ecology. On June 10, 2014, Futurewise shared a report about their community outreach at the fishing derby with Boeing (Reference #22).

Ecology scheduled two drop-in sessions at the Algona-Pacific Public Library in the second quarter 2014. These occurred on May 28 and June 19. Ecology has one additional drop-in session scheduled in the third quarter 2014 on July 16. Ecology shared the discussions that occurred during these drop-in sessions with Boeing during weekly conference calls.

City of Auburn Communications

Conference calls with the City of Auburn occurred biweekly in the month of April and were then switched to monthly in May and June. Regular attendees include representatives from Boeing, Landau Associates, the City of Auburn, and Ecology. Meeting notes continue to be recorded and distributed by Landau Associates.

Ecology gave a presentation to the Auburn City Council on June 30, 2014. This presentation provided an update on the Boeing Auburn facility groundwater contamination. In preparation for this meeting, Landau Associates provided Ecology with Figures on June 25 and June 26, 2014 (Reference #33 and 34).

Work Plans for Boeing Initiated Investigations

Utility tunnel sampling occurred in March 2014. Results of the utility tunnel sampling were provided to Ecology on March 26, 2014. Boeing plans to submit a technical memorandum detailing the results of the utility tunnel sampling in the third quarter 2014.

Other Work Plans

At the request of Ecology and WDOH, Boeing agreed to collect air samples from around the Chicago Avenue ditch and compare the results to water samples collected from the ditch. Boeing submitted a draft *Chicago Avenue Ditch Air and Surface Water Sampling Work Plan* to Ecology in October 2013. On June 12, 2014, Ecology requested that Boeing resubmit a simplified work plan for Chicago Avenue ditch air sampling (Reference #25). Boeing expects to submit this work plan in the third quarter 2014.

OCCURRENCE OF PROBLEMS

Groundwater sampling was delayed due to equipment malfunctions and staff illness. The groundwater sampling delay resulted in a 2-week delay in the submittal of this quarterly status report.

During the second quarter it was discovered that several columns were inadvertently hidden in Table 4-2 in Status Report No. 46 (first quarter 2014, Reference #4). A revised version of Table 4-2 for the first quarter 2014 is included in Attachment 5.

PROJECTED WORK FOR NEXT REPORTING PERIOD JULY THROUGH SEPTEMBER 2014

Activities projected for the next reporting period pertain to the ongoing remedial investigation including groundwater, vapor intrusion, and surface water investigations. It is anticipated that tasks during third quarter 2014 will include:

- Presenting the site-wide numerical groundwater model to Ecology
- Conducting the fourth quarterly sampling event at the Chicago Avenue ditch
- Continuing to monitor groundwater water levels and surface water levels at two staff gauges in the Auburn 400 north flood storage pond and the Chicago Avenue ditch
- Conducting the 2014 dry season surface water sampling event
- Submitting a work plan for Chicago Avenue ditch air sampling
- Completing the residential Algona vapor intrusion technical report
- Submitting the revised vapor intrusion assessment approach document
- Submitting a work plan for commercial vapor intrusion sampling
- Completing direct-probe explorations along the Interurban Trail
- Completing the 2014 Algona groundwater investigation data report
- Submitting a work plan for additional drilling in Auburn
- Completing a technical memorandum to Ecology on a private well survey
- Submitting an updated Phase VI groundwater monitoring plan
- Conducting the quarterly groundwater sampling event in September 2014.

OTHER SIGNIFICANT FINDINGS, CHANGES, AND CONTACTS

None noted.

If you have any questions regarding this status report, or need any other information, please do not hesitate to call or email Jim Bet (206) 679-0433 or me (253) 284-4879.

LANDAU ASSOCIATES, INC.

Jennifer W. Wynkoop
Senior Associate Scientist

SEF/JWW/jrc

Attachments: Attachment 1: Residential Vapor Intrusion References
Attachment 2: Chicago Avenue Ditch Sampling Results
Attachment 3: Groundwater Sampling Results
Attachment 4: Building 17-68 Dewatering Baseline Sampling Results
Attachment 5: Updated First Quarter 2014 Groundwater Sampling Event Results (Table 4-2)

cc: James Bet, The Boeing Company (email only)
David Hartnett, The Boeing Company (email only)
Megan Hilfer, The Boeing Company (email only)
Doug McIntyre, The Boeing Company
Jim Swortz, The Boeing Company
Jeff Adelson, Boeing Realty Corporation
Steve Campbell, Prologis
Neal Hines, Washington State Department of Ecology (email only)
Terry Pollard, YMCA Auburn

ATTACHMENT 1

Residential Vapor Intrusion References

July 29, 2014

Residential Algona Vapor Intrusion Data Submittal References:

1. April 2, 2014. Email message from Sarah Fees, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES012 Day 15 submittal*. [Attachments: Draft resident letter (Word version of text and PDF of attachments) and data summary report].

2. April 2, 2014. Email message from Sarah Fees, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES016 Day 7 data submittal*. (Attachment: Data packages and tables for RES016).

3. April 10, 2014. Email message from Neal Hines, Washington State Department of Ecology, to Jennifer Wynkoop and Sarah Fees, Landau Associates. Re: *Boeing_Auburn_Landau_RES012_Aspect comments_gtc_NAH.docx*. (Attachment: Aspect, ICF, and Ecology edits to the RES012 data letter).

4. April 10, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES004 Day 7 data submittal*. (Attachment: Data packages and tables for RES004).

5. April 10, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES016 Day 15 submittal*. [Attachments: Draft resident letter (Word version of text and PDF of attachments) and data summary report].

6. April 15, 2014. Email message from Sarah Fees, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES012 Final Resident Letter*. (Attachment: Final results letter for RES012; due to resident April 16).

7. April 17, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES004 Day 7 data submittal*. (Attachment: Data packages and tables for RES004 including data from the crawlspace that was resampled on April 11).

8. April 17, 2014. Email message from Neal Hines, Washington State Department of Ecology, to Jennifer Wynkoop, Landau Associates. Re: *No changes to RES016 results letter*. (No changes from Aspect and Ecology to the RES016 data letter).

9. April 21, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES016 Final Resident Letter*. (Attachment: Final results letter for RES016; due to resident April 23).

10. April 30, 2014. Email message from Sarah Fees, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES004 Day 7 data submittal - Radiello*. (Attachment: Data packages and tables for RES004 including Radiello results).

11. May 8, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES004 Day 15 submittal*. [Attachments: Draft resident letter (Word version of text and PDF of attachments) and data summary report].

12. May 13, 2014. Email message from Neal Hines, Washington State Department of Ecology, to Jennifer Wynkoop, Landau Associates. Re: *RES004 Day 15 submittal*. (Attachment: Aspect, ICF, and Ecology edits to the RES004 data letter).

13. May 14, 2014. Email message from Jennifer Wynkoop, Landau Associates, to Neal Hines, Washington State Department of Ecology. Re: *RES004 Final Resident Letter*. (Attachment: Final results letter for RES004; due to property owner May 21).

TABLE 1-1
INITIAL RESIDENCE COMPLETE WINTER STATUS SUMMARY
ALGONA RESIDENTIAL VAPOR INTRUSION ASSESSMENT
BOEING AUBURN

										STATUS = VISITED							STATUS = OCCUPIED UNRESPONSIVE		STATUS = VACANT			
											Access Agreement Status											
RES ID	GENERAL STATUS	BUILDING SURVEY COMPLETE	BUILDING ADDENDA DISTRIBUTED - ECOLOGY	BUILDING ADDENDA APPROVED	SUMMA - RESIDENTIAL VALIDATED DATA DISTRIBUTED - ECOLOGY	RADIELLO - RESIDENTIAL VALIDATED DATA DISTRIBUTED - ECOLOGY	RESIDENTIAL RESULTS REPORT DISTRIBUTED - ECOLOGY	RESIDENTIAL RESULTS REPORT RETURNED W/TEMPLATE LETTER	RESIDENTIAL RESULTS REPORT SENT TO HOMEOWNER AND TENANT (as applicable)	Owner Occupied?	Owner	Tenant	Chemical Removal Required?	Date Chemicals Removed	VI Sampling Start Date	VI Sampling Complete Date	Most Recent Communication (b)	Date of Most Recent Communication	Current Point of Contact	Property Ownership Status	Most Recent Communication	Date
RES003	Visited	Y	7/10/2013	7/23/2013						N	Complete	Complete	Y				--	--	--	--	--	--
RES004	Visited	Y	7/12/2013	7/23/2013	4/10/2014 (j)	4/30/2014	5/8/2014	5/13/2014	5/21/2014	N	Complete	-- (i)	N	--	4/1/2014	4/23/2014	--	--	--	--	--	--
RES005	Visited	Y	7/12/2013	7/23/2013						Y	Incomplete (f)	--	Y				--	--	--	--	--	--
RES006	Visited	Y	8/5/2013	8/20/2013						N	Complete	Complete	Y				--	--	--	--	--	--
RES009	Visited	Y	7/12/2013	7/23/2013						N	Complete	Complete	Y				--	--	--	--	--	--
RES010	Visited	Y	7/12/2013	7/23/2013						Y	Complete	--	Y (c)				--	--	--	--	--	--
RES011	Visited	Y	6/14/2013	7/15/2013	2/11/2014	--	2/19/2014	2/27/2014	3/4/2014	Y	Complete	--	Y	-- (g)	2/3/2014	2/4/2014	--	--	--	--	--	--
RES012	Visited	Y	7/10/2013	7/23/2013	3/6/2014	3/25/2014	4/2/2014	4/10/2014	4/16/2014	Y	Complete	--	Y	2/25/2014 (h)	2/25/2014	3/19/2014	--	--	--	--	--	--
RES014	Visited	Y	10/23/2013	12/17/2013	2/5/2014	--	2/13/2014	2/21/2014	2/28/2014	N (e)	Complete	--	Y (d)	1/23/2014	1/27/2014	1/29/2014	--	--	Jonathan Harper of Keller Williams Realty	Federal National Mortgage Association (Fannie Mae)	Scheduled winter sampling appointment; access Agreement obtained; building survey conducted	1/15/2014; 10/4/2013; 9/19/2013
RES015	Visited	Y	7/12/2013	7/23/2013		--				N	Incomplete (f)	Incomplete (f)	Y				--	--	--	--	--	--
RES016	Visited	Y	7/12/2013	7/23/2013	4/2/2014	--	4/10/2014	4/17/2014	4/23/2014	Y	Complete	--	Y	3/22/2014	3/25/2014	3/26/2014	--	--	--	--	--	--
RES017	Visited	Y	8/5/2013	8/20/2013		--				Y	Complete	--	Y				--	--	--	--	--	--
RES018	Visited	Y	7/12/2013	7/23/2013		--				Y	Complete	--	Y				--	--	--	--	--	--
RES019	Visited	Y	7/10/2013	7/23/2013	2/27/2014	--	3/6/2014	3/13/2014	3/21/2014	Y	Complete	--	Y (d)	2/18/2014	2/20/2014	2/21/2014	--	--	--	--	--	--
RES021	Visited	Y	7/10/2013	7/23/2013	3/13/2014	--	3/20/2014	3/25/2014	4/4/2014	-- (a)	Complete	--	N	--	3/7/2014	3/7/2014	--	--	--	--	--	--
RES023	Visited	Y	7/10/2013	7/23/2013		--				Y	Complete	--	Y				--	--	--	--	--	--
RES002	Occupied Unresponsive	N															ECY mailed winter sampling letter packet	1/2/2014	--	--	--	--
RES007	Occupied Unresponsive	N															ECY mailed winter sampling letter packet	1/2/2014	--	--	--	--
RES020	Occupied Unresponsive	N															ECY mailed winter sampling letter packet	1/2/2014	--	--	--	--
RES024	Occupied Unresponsive	N															ECY mailed winter sampling letter packet	1/2/2014				
RES008	Not Interested	N															ECY mailed winter sampling letter packet	1/2/2014	--	--	--	--
RES013	Not Interested	N															ECY mailed winter sampling letter packet	1/2/2014	--	--	--	--
RES001	Vacant	N															--	--	Southern Financial Group	Unknown	ECY mailed winter sampling letter packet	1/2/2014
RES022	Vacant	N															--	--	Anthony and Roseline Calina	Unknown	ECY mailed winter sampling letter packet	1/2/2014

Vacant = Not occupied
Visited = Building Survey
Occupied Unresponsive = Ecology and Boeing outreach materials sent/delivered, but no response from occupant

ECY = Washington Department of Ecology
SKC = South King County

Complete = signed by Boeing and tenant and/or owner
Incomplete = signed only by Boeing

Y = yes
N = no

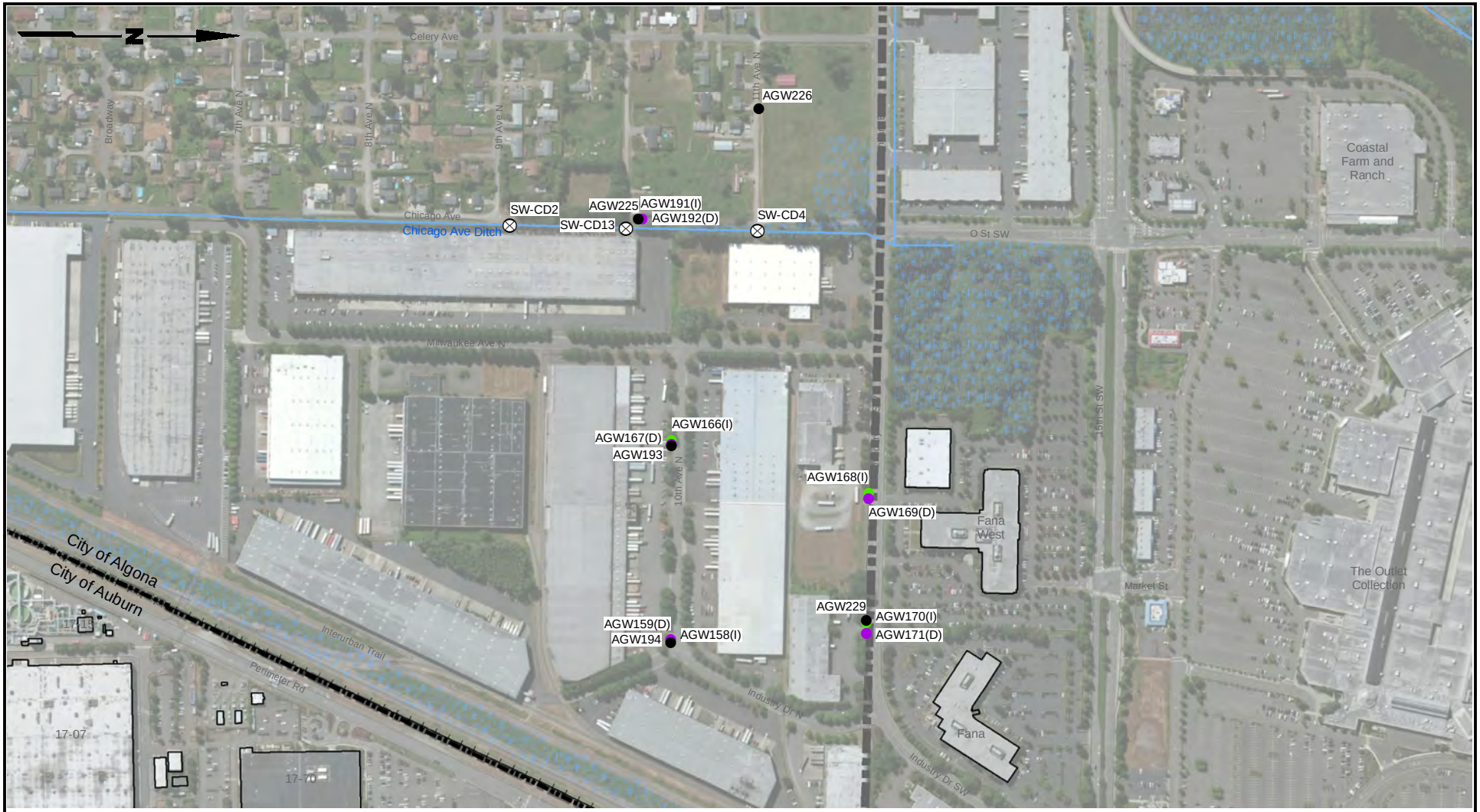
-- = Not applicable
This stage has not yet been reached

Notes:
(a) This address is a garage that is not used as a residence.
(b) Boeing resident folders primarily consists of materials from Appendix A of the Work Plan Algona Residential Neighborhood Vapor Intrusion Assessment.
(c) Chemicals will not be removed from the basement or garage, but typical removals will occur in other sampling areas in the residence.
(d) Chemicals to be removed by Landau Associates.
(e) Owner is Fannie Mae; currently vacant.
(f) Access Agreement expired.
(g) During the chemical removal call, the resident informed Ecology that the chemical removal requirements were already met and therefore there is no chemical removal date to report.
(h) According to the owner's parents, the house has been vacant since approximately the end of January. On the first day of sampling, cleaning products and air fresheners were found in the residence and removed.
(i) Tenant moved out. Tenant access agreement is no longer needed.
(j) Crawlspace resampling conducted on 4/10 and 4/11. Day 7 data for resampling was submitted 4/17.

ATTACHMENT 2

Chicago Avenue Ditch Sampling Results

G:\Projects\025\164\110\501\1st Quarter Status Report\Figure2-1COA.mxd 7/23/2014 NAD 1983 StatePlane Washington North FIPS 4601 Feet



Legend

- Shallow Monitoring Well
- Intermediate Monitoring Well
- Deep Monitoring Well
- Chicago Avenue Ditch Surface Water Sampling Location
- City Limits
- Boeing Property
- Waterways
- Wetland Areas

0 500 1,000

Scale in Feet

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Base map source: Geometrix 2003; Aerial Photo Source: Esri World Imagery; Parcel Data Source: King County GIS 2013

LANDAU ASSOCIATES

Boeing of Auburn
Auburn, Washington

City of Algona Wells and Chicago Avenue Ditch Surface Water Sampling Locations

Figure 2-1

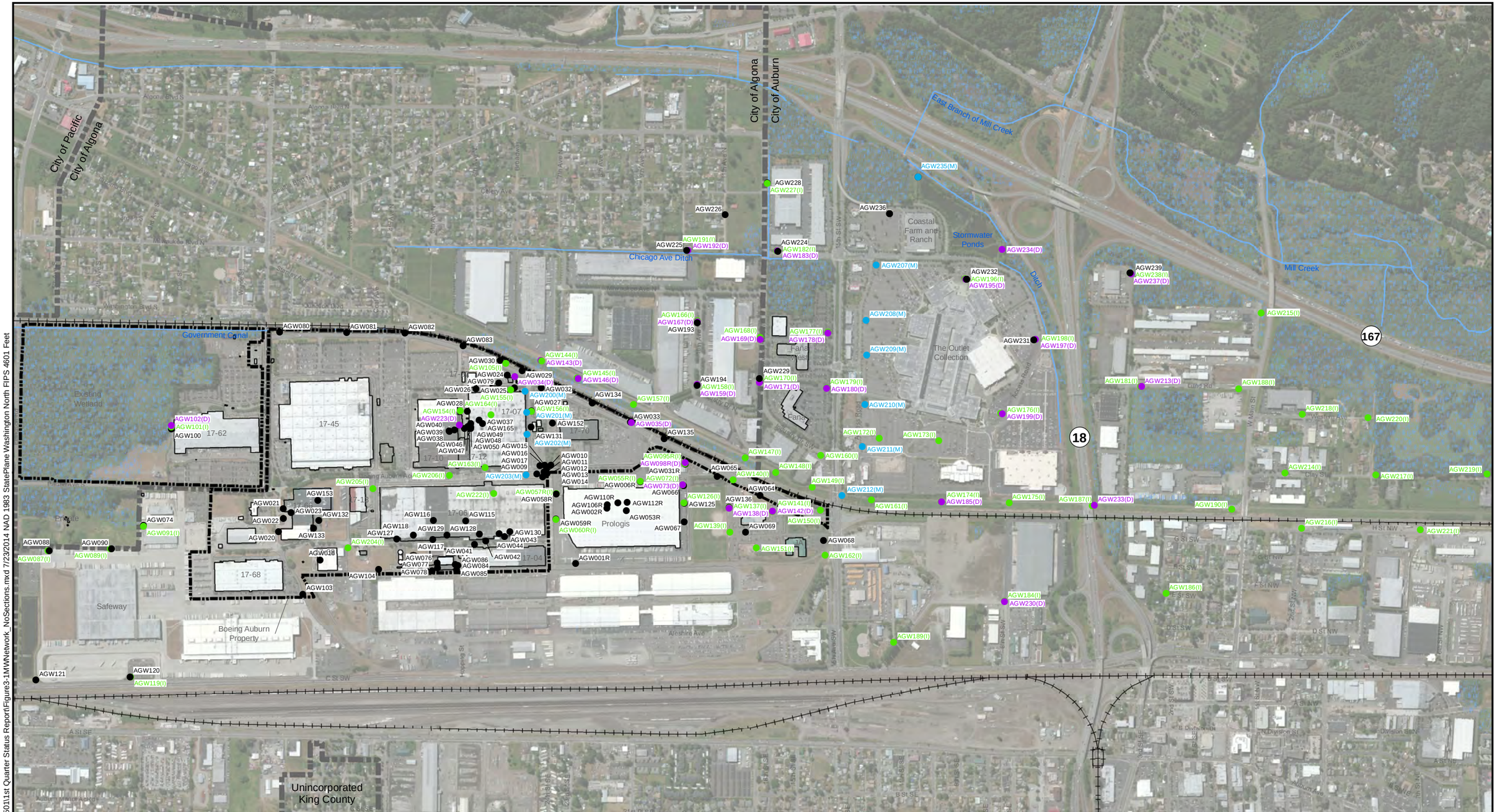
TABLE 2-1
SURFACE WATER MONITORING RESULTS, FEBRUARY AND MAY 2014
CHICAGO AVENUE DITCH, CITY OF ALGONA
BOEING AUBURN

Sample ID:	SW-CD2	SW-CD2	SW-CD4	Dup of SW-CD4 SW-CD900	SW-CD4	Dup of SW-CD4 SW-CD900	SW-CD13	SW-CD13
SDG:	1456053	1478485	1456053	1456053	1478485	1478485	1456053	1478485
Lab ID:	7377658	7483884	7377656	7377657	7483887	7483888	7377659	7483886
Sample Date:	2/27/2014	5/30/2014	2/27/2014	2/27/2014	5/30/2014	5/30/2014	2/27/2014	5/30/2014
VOLATILES (µg/L)								
Method SW8260C								
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.3**	**0.3**	**0.8**	**0.8**	**0.7**	**0.7**	**0.9**	**0.8**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethar	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	**0.5**	**0.5**	**0.7**	**0.7**	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	**0.3**	**0.4**	**0.3**	**0.3**	0.2 U	0.2 U	**0.4**	**0.4**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)								
Method 8260C SIM								
Tetrachloroethene	0.020 U		0.020 U	0.020 U			0.020 U	
Trichloroethene	**0.068**		**0.47**	**0.47**			**0.13**	
Vinyl Chloride	**0.43**	**0.36**	**0.39**	**0.38**	**0.16**	**0.15**	**0.48**	**0.35**

U = Indicates the compound was not detected at the reported concentration.
Bold = Detected compound.

ATTACHMENT 3

Groundwater Sampling Results



G:\Projects\025\164\11\501\1st Quarter Status Report\Figure3-1MWNetwork_NoSections.mxd 7/23/2014 NAD 1983 StatePlane Washington North FIPS 4601 Feet

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Legend

- Shallow Monitoring Well (2 to 30 ft BGS)
- (I) Intermediate Monitoring Well (40 to 60 ft BGS)
- (D) Deep Monitoring Well (80 to 100 ft BGS)
- (M) Multi-Level Well
- Wetland Areas
- Water Bodies
- Waterways

N

0 1,000 2,000

Scale in Feet

Base map source: Geometrix 2003; Aerial Photo Source: ESRI World Imagery; Parcel Data Source: King County GIS 2012

LANDAU ASSOCIATES

Boeing Auburn
Auburn, Washington

Current Monitoring Well Network

Figure 3-1

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW001R	1478482	7483851	5/30/2014	x	x						
AGW002R	1479178	7486656	6/2/2014	x	x				x	x	x
AGW006R	1478484	7483881	5/30/2014	x	x						
AGW009	1483606	7507335	6/18/2014	x	x						
AGW009-Dup	1483606	7507336	6/18/2014	x	x						
AGW010	1484402	7510981	6/23/2014	x	x		x	x			
AGW020	1479176	7486638	6/2/2014	x	x						
AGW020-Dup	1479176	7486637	6/2/2014	x	x						
AGW024	1482745	7502754	6/16/2014	x							
AGW025	1482745	7502751	6/16/2014	x							
AGW026	1482745	7502752	6/16/2014	x	x						
AGW027	1480975	7494598	6/9/2014	x	x						
AGW029	1482745	7502759	6/16/2014	x	x						
AGW030	1482745	7502757	6/16/2014	x	x						
AGW031R	1478482	7483850	5/30/2014	x	x						
AGW032	1480975	7494612	6/10/2014	x	x						
AGW033	1482745	7502768	6/17/2014	x	x						
AGW034	1482745	7502755	6/16/2014	x	x						
AGW035	1482745	7502769	6/17/2014	x	x						
AGW037	1483606	7507337	6/19/2014	x	x						
AGW039	1484402	7510983	6/24/2014	x	x	x					
AGW040	1484402	7510985	6/24/2014	x	x						
AGW041	1483606	7507330	6/18/2014	x	x						
AGW044	1484402	7510980	6/23/2014	x	x		x				
AGW048	1484402	7510986	6/24/2014			x					
AGW049	1484402	7510987	6/24/2014			x					
AGW050	1484402	7510988	6/24/2014			x					
AGW053R	1479178	7486660	6/2/2014	x	x						
AGW055R	1478484	7483882	5/30/2014	x	x						
AGW057R	1478482	7483853	5/30/2014	x	x						
AGW058R	1478482	7483852	5/30/2014	x	x						
AGW059R	1478482	7483857	5/30/2014	x	x						
AGW060R	1478482	7483858	5/30/2014	x	x						
AGW064	1478434	7483487	5/29/2014	x	x						
AGW065	1478434	7483489	5/29/2014	x	x						
AGW066	1479177	7486645	6/2/2014	x	x						
AGW067	1479177	7486643	6/2/2014	x	x						

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW067-Dup	1479177	7486644	6/2/2014	x	x						
AGW068	1478484	7483875	5/30/2014	x	x						
AGW069	1478484	7483874	5/30/2014	x	x						
AGW072	1479180	7486674	6/2/2014	x	x						
AGW073	1479180	7486675	6/2/2014	x	x						
AGW074	1483606	7507327	6/18/2014	x	x						
AGW078	1480975	7494602	6/10/2014	x	x						
AGW079	1482745	7502753	6/16/2014	x							
AGW081	1482745	7502756	6/16/2014	x	x						
AGW085	1480975	7494603	6/10/2014	x	x						
AGW087	1483606	7507322	6/18/2014	x	x						
AGW088	1483606	7507323	6/18/2014	x	x						
AGW089	1483606	7507324	6/18/2014	x	x						
AGW090	1483606	7507325	6/18/2014	x	x						
AGW091	1483606	7507326	6/18/2014	x	x						
AGW095R	1478482	7483855	5/30/2014	x	x						
AGW095R-Dup	1478482	7483854	5/30/2014	x	x						
AGW098R	1478482	7483856	5/30/2014	x	x						
AGW103	1479176	7486639	6/2/2014	x	x						
AGW104	1480975	7494601	6/10/2014	x	x						
AGW105	1482745	7502758	6/16/2014	x	x						
AGW106R	1479178	7486650	6/2/2014	x	x				x	x	x
AGW106R-Dup	1479178	7486652	6/2/2014	x	x				x	x	x
AGW110R	1479178	7486654	6/2/2014	x	x				x	x	x
AGW112R	1479178	7486659	6/2/2014	x	x						
AGW115	1483606	7507333	6/18/2014	x	x						
AGW116	1483606	7507332	6/18/2014	x	x						
AGW117	1480975	7494604	6/10/2014	x	x						
AGW118	1483606	7507331	6/18/2014	x	x						
AGW119	1483606	7507328	6/18/2014	x	x						
AGW120	1483606	7507329	6/18/2014	x	x						
AGW125	1479177	7486648	6/2/2014	x	x				x	x	x
AGW126	1479177	7486646	6/2/2014	x	x				x	x	x
AGW127	1480975	7494605	6/10/2014	x	x						
AGW128	1484402	7510979	6/23/2014	x	x		x				
AGW129	1483606	7507334	6/18/2014	x	x						

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW130	1484402	7510978	6/23/2014	x	x		x				
AGW131	1480975	7494600	6/9/2014	x					x	x	
AGW133	1480975	7494611	6/10/2014	x	x						
AGW134	1482745	7502760	6/16/2014	x	x						
AGW134-Dup	1482745	7502761	6/16/2014	x	x						
AGW135	1482745	7502762	6/16/2014	x	x						
AGW136	1478484	7483878	5/30/2014	x	x						
AGW137	1478484	7483879	5/30/2014	x	x						
AGW138	1478484	7483880	5/30/2014	x	x						
AGW139	1478484	7483877	5/30/2014	x	x						
AGW140	1478434	7483488	5/29/2014	x	x						
AGW141	1478484	7483872	5/30/2014	x	x						
AGW142	1478484	7483873	5/30/2014	x	x						
AGW143	1482745	7502767	6/17/2014	x	x						
AGW144	1482745	7502766	6/17/2014	x	x						
AGW145	1482745	7502765	6/17/2014	x					x	x	
AGW146	1482745	7502764	6/17/2014	x	x						
AGW147	1479180	7486671	6/2/2014	x	x						
AGW148	1479178	7486658	6/2/2014	x	x				x	x	
AGW149	1479180	7486672	6/2/2014	x	x						
AGW150	1478434	7483490	5/29/2014	x	x						
AGW151	1478484	7483876	5/30/2014	x	x						
AGW152	1480975	7494609	6/10/2014	x					x	x	
AGW153	1484402	7510982	6/23/2014	x	x						
AGW154	1480975	7494596	6/9/2014	x	x						
AGW155	1480975	7494597	6/9/2014	x							
AGW156	1480975	7494599	6/9/2014	x	x						
AGW157	1482745	7502763	6/17/2014	x	x						
AGW158	1478436	7483510	5/29/2014	x	x						
AGW159	1478436	7483504	5/29/2014	x	x						
AGW160	1478483	7483869	5/30/2014	x	x						
AGW161	1478164	7482028	5/28/2014	x	x						
AGW162	1478434	7483491	5/29/2014	x	x						
AGW163	1480975	7494610	6/10/2014	x	x						
AGW163-Dup	1480975	7494613	6/10/2014	x	x						
AGW164	1483606	7507338	6/19/2014	x	x						

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW165	1483606	7507339	6/19/2014	x	x						
AGW166	1478436	7483512	5/29/2014	x	x						
AGW167	1478436	7483511	5/29/2014	x	x						
AGW168	1478435	7483493	5/29/2014	x	x						
AGW169	1478436	7483501	5/29/2014	x	x						
AGW170	1478436	7483502	5/29/2014	x	x						
AGW171	1478435	7483494	5/29/2014	x	x						
AGW172	1478483	7483861	5/30/2014	x	x						
AGW173	1478483	7483862	5/30/2014	x	x						
AGW174	1478164	7482029	5/28/2014	x	x						
AGW175	1478164	7482031	5/28/2014	x	x						
AGW176	1478483	7483863	5/30/2014	x	x						
AGW177	1478164	7482027	5/28/2014	x	x						
AGW178	1478164	7482026	5/28/2014	x	x						
AGW179	1478432	7483469	5/28/2014	x	x						
AGW180	1478432	7483470	5/28/2014	x	x						
AGW181	1478483	7483870	5/30/2014	x	x						
AGW182	1478483	7483866	5/30/2014	x	x						
AGW183	1478483	7483867	5/30/2014	x	x						
AGW184	1478014	7481411	5/27/2014	x	x						
AGW185	1478164	7482030	5/28/2014	x	x						
AGW186	1478164	7482035	5/28/2014	x	x						
AGW187	1478164	7482032	5/28/2014	x	x						
AGW188	1478014	7481403	5/27/2014	x	x						
AGW189	1478483	7483868	5/30/2014	x	x						
AGW190	1478164	7482034	5/28/2014	x	x						
AGW191	1478434	7483484	5/29/2014	x	x						
AGW192	1478434	7483483	5/29/2014	x	x						
AGW193	1478435	7483497	5/29/2014	x	x						
AGW194	1478435	7483495	5/29/2014	x	x						
AGW195	1478436	7483505	5/29/2014	x	x						
AGW195-Dup	1478436	7483506	5/29/2014	x	x						
AGW196	1478436	7483507	5/29/2014	x							
AGW197	1478435	7483498	5/29/2014	x	x						
AGW198	1478436	7483509	5/29/2014	x	x						
AGW199	1478483	7483864	5/30/2014	x	x						

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW200-2	1478015	7481422	5/27/2014	x							
AGW200-5	1478015	7481421	5/27/2014	x							
AGW200-6	1478015	7481413	5/27/2014	x							
AGW201-2	1478015	7481425	5/27/2014	x	x						
AGW201-5	1478015	7481424	5/27/2014	x	x						
AGW201-6	1478015	7481423	5/27/2014	x	x						
AGW202-2	1478015	7481417	5/27/2014	x	x						
AGW202-4	1478015	7481419	5/27/2014	x	x						
AGW202-6	1478015	7481418	5/27/2014	x	x						
AGW203-2	1478015	7481414	5/27/2014	x	x						
AGW203-2-Dup	1478015	7481415	5/27/2014	x	x						
AGW203-4	1478015	7481420	5/27/2014	x	x						
AGW203-6	1478015	7481416	5/27/2014	x	x						
AGW204	1480975	7494606	6/10/2014	x	x						
AGW205	1480975	7494607	6/10/2014	x	x						
AGW206	1480975	7494608	6/10/2014	x	x						
AGW207-2	1478432	7483468	5/28/2014	x	x						
AGW207-4	1478432	7483472	5/28/2014	x	x						
AGW207-7	1478432	7483471	5/28/2014	x	x						
AGW208-2	1478433	7483480	5/28/2014	x							
AGW208-4	1478433	7483479	5/28/2014	x	x						
AGW208-6	1478433	7483481	5/28/2014	x	x						
AGW209-2	1478432	7483466	5/28/2014	x							
AGW209-5	1478433	7483478	5/28/2014	x	x						
AGW209-6	1478432	7483467	5/28/2014	x	x						
AGW210-2	1478433	7483474	5/28/2014	x	x						
AGW210-5	1478432	7483463	5/28/2014	x	x						
AGW210-6	1478432	7483464	5/28/2014	x	x						
AGW211-2	1478432	7483460	5/28/2014	x	x						
AGW211-5	1478432	7483461	5/28/2014	x	x						
AGW211-6	1478432	7483462	5/28/2014	x	x						
AGW212-2	1478432	7483465	5/28/2014	x	x						
AGW212-5	1478433	7483475	5/28/2014	x	x						
AGW212-7	1478433	7483476	5/28/2014	x	x						
AGW212-7-Dup	1478433	7483477	5/28/2014	x	x						
AGW213	1478482	7483859	5/30/2014	x	x						

TABLE 3-1
SAMPLE MATRIX
2nd QUARTER 2014
BOEING AUBURN

Location	SDG	Lab ID	Sample Date	VOCs	VOC SIM	Dissolved Metals	NWTPH-DX	NWTPH-GX	Sulfate	TOC	Methane Ethane Ethene
AGW214	1478014	7481407	5/27/2014	x	x						
AGW215	1478014	7481404	5/27/2014	x	x						
AGW216	1478014	7481409	5/27/2014	x	x						
AGW217	1478014	7481405	5/27/2014	x	x						
AGW218	1478014	7481401	5/27/2014	x	x						
AGW219	1478014	7481406	5/27/2014	x	x						
AGW220	1478014	7481402	5/27/2014	x	x						
AGW221	1478014	7481408	5/27/2014	x	x						
AGW222	1483606	7507340	6/19/2014	x	x						
AGW223	1480975	7494595	6/9/2014	x	x						
AGW224	1478483	7483865	5/30/2014	x	x						
AGW225	1478434	7483485	5/29/2014	x	x						
AGW226	1478434	7483486	5/29/2014	x	x						
AGW227	1478435	7483496	5/29/2014	x	x						
AGW228	1478436	7483513	5/29/2014	x	x						
AGW229	1478436	7483503	5/29/2014	x	x						
AGW230	1478014	7481410	5/27/2014	x	x						
AGW231	1478436	7483508	5/29/2014	x							
AGW232	1478435	7483499	5/29/2014	x							
AGW233	1478164	7482033	5/28/2014	x	x						
AGW234	1479180	7486676	6/2/2014	x	x						
AGW235-2	1479180	7486677	6/2/2014	x	x						
AGW235-4	1479180	7486673	6/2/2014	x	x						
AGW235-7	1479177	7486642	6/2/2014	x	x						
AGW236	1478483	7483860	5/30/2014	x	x						
AGW237	1478164	7482039	5/28/2014	x	x						
AGW238	1478164	7482038	5/28/2014	x	x						
AGW238-Dup	1478164	7482037	5/28/2014	x	x						
AGW239	1478164	7482036	5/28/2014	x	x						

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW001R	AGW002R	AGW006R	AGW009	Dup of AGW009 AGWDUP3	AGW010	AGW020	Dup of AGW020 AGW900	AGW024	AGW025	AGW026	AGW027	AGW029	AGW030	AGW031R	AGW032	AGW033	AGW034	AGW035	AGW037	AGW039	AGW040	AGW041	AGW044	AGW048	AGW049
Zone:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
SDG:	1478482	1479178	1478484	1483606	1483606	1484402	1479176	1479176	1482745	1482745	1482745	1480975	1482745	1482745	1478482	1480975	1482745	1482745	1482745	1483606	1484402	1484402	1483606	1484402	1484402	1484402
Lab ID:	7483851	7486656	7483881	7507335	7507336	7510981	7486638	7486637	7502754	7502751	7502752	7494598	7502759	7502757	7483850	7494612	7502768	7502755	7502769	7507337	7510983	7510985	7507330	7510980	7510986	7510987
Sample Date:	5/30/2014	6/2/2014	5/30/2014	6/18/2014	6/18/2014	6/23/2014	6/2/2014	6/2/2014	6/16/2014	6/16/2014	6/16/2014	6/9/2014	6/16/2014	6/16/2014	5/30/2014	6/10/2014	6/17/2014	6/16/2014	6/17/2014	6/19/2014	6/24/2014	6/24/2014	6/18/2014	6/23/2014	6/24/2014	6/24/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**4.1** J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
cis-1,2-Dichloroethene	0.2 U	**0.3**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.4**	**2.9**	**0.7**	**1.0**	0.2 U	0.2 U	**0.6**	**0.5**	0.2 U	0.2 U	0.2 U	**1.1**	**1.2**	**0.6**	0.2 U	0.2 U		
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**440**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U		
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**5.7** J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Trichloroethene	**1.2**	0.2 U	0.2 U	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.0**	0.2 U	0.2 U	0.2 U	**1.5**	0.2 U	0.2 U	**0.3**	**1.4**	**2.2**	**0.7**	**1.3**	**0.3**	0.2 U		
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	**2.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Vinyl Acetate	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.1**	**1.6**	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**92**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**25**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene	**0.098**			**0.098**	**0.10**	0.020 U										0.040 U	0.020 U			**0.030**		**0.046**		**0.10**		
Vinyl Chloride	0.020 U	**0.051**	**0.027**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U			**0.028**	**0.27**	0.020 U	0.020 U	0.020 U	**0.53**	0.020 U	0.020 U	0.020 U	**0.18**	**0.029**	**0.023**	0.020 U	0.020 U		
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel						**1.2**																		**2.4**		
Diesel Range Organics						**1.0**																		**2.0**		
Lube Oil						**0.64**																		**3.3**		
NWTPH-Gx (µg/L)																										
Gasoline Range Organics						**4700**																				
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																					**0.0109**					
Cadmium																									**0.0026**	**0.0051**
Nickel																									0.0020 U	**0.0433**
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)		1.0 U																								
Total Organic Carbon (SM5310C)		**5.1**																								
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane		**18000**																								
Ethane		1.0 U																								
Ethene		1.0 U																								

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW050	AGW053R	AGW055R	AGW057R	AGW058R	AGW059R	AGW060R	AGW064	AGW065	AGW066	AGW067	Dup of AGW067 AGW906	AGW068	AGW069	AGW072	AGW073	AGW074	AGW078	AGW079	AGW081	AGW085	AGW087	AGW088	AGW089	AGW090	AGW091
Zone:	Shallow	Shallow	Int.	Int.	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Shallow	Int.	Int.	Int.
SDG:	1484402	1479178	1478484	1478482	1478482	1478482	1478482	1478434	1478434	1479177	1479177	1479177	1478484	1478484	1479180	1479180	1483606	1480975	1482745	1482745	1480975	1483606	1483606	1483606	1483606	1483606
Lab ID:	7510988	7486660	7483882	7483853	7483852	7483857	7483858	7483487	7483489	7486645	7486643	7486644	7483875	7483874	7486674	7486675	7507327	7494602	7502753	7502756	7494603	7507322	7507323	7507324	7507325	7507326
Sample Date:	6/24/2014	6/2/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/29/2014	5/29/2014	6/2/2014	6/2/2014	6/2/2014	5/30/2014	5/30/2014	6/2/2014	6/2/2014	6/18/2014	6/10/2014	6/16/2014	6/16/2014	6/10/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.1**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene		**0.2**	**1.5**	0.2 U	0.2 U	0.2 U	**3.1**	0.2 U	0.2 U	**1.1**	**3.1**	**3.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene		**0.3**	0.2 U	**0.5**	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene		**1.3**	**0.6**	**1.6**	0.2 U	0.2 U	**0.6**	0.2 U	0.2 U	**2.8**	**4.4**	**4.8**	0.2 U	0.2 U	**1.6**	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate		0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene		**0.24**					0.020 U			0.020 U	**0.035**	**0.033**			**0.12**			**0.14**		0.020 U	**0.36**					
Vinyl Chloride		0.020 U	**0.16**	0.020 U	0.020 U	0.020 U	**0.055**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel																										
Diesel Range Organics																										
Lube Oil																										
NWTPH-Gx (µg/L)																										
Gasoline Range Organics																										
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																										
Cadmium	**0.0755**																									
Nickel	**0.207**																									
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)																										
Total Organic Carbon (SM5310C)																										
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane																										
Ethane																										
Ethene																										

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

	Dup of AGW095R						Dup of AGW106R																		Dup of AGW134
Sample ID:	AGW095R	AGW905	AGW098R	AGW103	AGW104	AGW105	AGW106R	AGW902	AGW110R	AGW112R	AGW115	AGW116	AGW117	AGW118	AGW119	AGW120	AGW125	AGW126	AGW127	AGW128	AGW129	AGW130	AGW131	AGW133	AGW134	AGWDUP2
Zone:	Int.	Int.	Deep	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
SDG:	1478482	1478482	1478482	1479176	1480975	1482745	1479178	1479178	1479178	1479178	1483606	1483606	1480975	1483606	1483606	1483606	1479177	1479177	1480975	1484402	1483606	1484402	1480975	1480975	1482745	1482745
Lab ID:	7483855	7483854	7483856	7486639	7494601	7502758	7486650	7486652	7486654	7486659	7507333	7507332	7494604	7507331	7507328	7507329	7486648	7486646	7494605	7510979	7507334	7510978	7494600	7494611	7502760	7502761
Sample Date:	5/30/2014	5/30/2014	5/30/2014	6/2/2014	6/10/2014	6/16/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/18/2014	6/18/2014	6/10/2014	6/18/2014	6/18/2014	6/18/2014	6/2/2014	6/2/2014	6/10/2014	6/23/2014	6/18/2014	6/23/2014	6/9/2014	6/10/2014	6/16/2014	6/16/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.4**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.4**	**0.5**	0.2 U	0.2 U	0.2 U	**0.7**	**0.2**	**0.2**	0.2 U	0.2 U	**0.6**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	**6.4**	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.4**	**0.3**	**0.3**	0.2 U	**1.0**	0.2 U	0.2 U	**1.0**	**0.4**	0.2 U	0.2 U	**7.4**	**13**	0.2 U	0.2 U	**0.6**	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**1.6**	**1.6**	**0.6**	0.2 U	0.2 U	**1.4**	**0.3**	**0.3**	0.2 U	**1.0**	0.2 U	0.2 U	**1.0**	**0.4**	0.2 U	0.2 U	**7.4**	**13**	0.2 U	0.2 U	**0.6**	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	**0.8**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.8**	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene	**0.10**	**0.095**	**0.038**		**0.092**					**0.22**	**0.13**						**0.024**	0.020 U		**0.15**					
Vinyl Chloride	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.26**	0.020 U	0.020 U	**0.11**	0.020 U		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.022**	**0.055**	0.020 U	0.020 U	0.020 U	0.020 U		0.020 U	**0.021**	**0.023**
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel																				**2.6**		0.095 U				
Diesel Range Organics																				**2.2**		0.095 U				
Lube Oil																				**4.7**		0.24 U				
NWTPH-Gx (µg/L)																										
Gasoline Range Organics																										
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																										
Cadmium																										
Nickel																										
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)							**11.6**	**11.6**	**4.6**								**18.2**	**17.3**					**1.2**			
Total Organic Carbon (SM5310C)							**1.4**	**1.3**	**4.6**								**3.8**	**2.6**					**22.7**			
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane							**1600**	**1400**	**5800**								**7.8**	**22**								
Ethane							1.0 U	1.0 U	1.0 U								1.0 U	1.0 U								
Ethene							1.0 U	1.0 U	1.0 U								1.0 U	1.0 U								

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW135	AGW136	AGW137	AGW138	AGW139	AGW140	AGW141	AGW142	AGW143	AGW144	AGW145	AGW146	AGW147	AGW148	AGW149	AGW150	AGW151	AGW152	AGW153	AGW154	AGW155	AGW156	AGW157	AGW158	AGW159	AGW160
Zone:	Shallow	Shallow	Int.	Deep	Int.	Int.	Int.	Deep	Deep	Int.	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Shallow	Shallow	Int.	Int.	Int.	Int.	Int.	Deep	Int.
SDG:	1482745	1478484	1478484	1478484	1478484	1478434	1478484	1478484	1482745	1482745	1482745	1482745	1479180	1479178	1479180	1478434	1478484	1480975	1484402	1480975	1480975	1480975	1482745	1478436	1478436	1478483
Lab ID:	7502762	7483878	7483879	7483880	7483877	7483488	7483872	7483873	7502767	7502766	7502765	7502764	7486671	7486658	7486672	7483490	7483876	7494609	7510982	7494596	7494597	7494599	7502763	7483510	7483504	7483869
Sample Date:	6/16/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/29/2014	5/30/2014	5/30/2014	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/2/2014	6/2/2014	6/2/2014	5/29/2014	5/30/2014	6/10/2014	6/23/2014	6/9/2014	6/9/2014	6/9/2014	6/17/2014	5/29/2014	5/29/2014	5/30/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	**0.4**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.3**	**0.4**	**2.0**	0.2 U	**0.6**	**3.0**	**0.2**	0.2 U	0.2 U	**2.2**	**9.2**	**1.6**	**5.0**	**1.6**	**0.4**	0.2 U	0.2 U	**0.3**	0.2 U	**0.4**	**4.0**	**9.6**	**2.1**	**0.7**	**0.5**	**0.4**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	**1.4**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**1.1**	**0.9**	**4.0**	**0.9**	**4.9**	**5.4**	**2.8**	**0.5**	0.2 U	**1.3**	**15**	**5.2**	0.2 U	**4.5**	**4.1**	**1.7**	**0.5**	0.2 U	0.2 U	**0.5**	0.2 U	**1.3**	**5.0**	**2.9**	**4.1**	**3.8**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**1.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.0**	0.2 U	0.2 U	**7.5**	**1.6**	**0.4**	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene	**0.087**				**0.097**		**0.056**	0.020 U						**0.040**								0.020 U	**0.074**		**0.077**	
Vinyl Chloride	0.020 U	0.020 U	**0.020**	0.020 U	0.020 U	**0.076**	0.020 U	0.020 U	0.020 U	**0.29**		**0.12**	**0.073**	**0.027**	0.020 U	0.020 U	0.020 U		0.020 U	**0.029**			**0.34**	**0.037**	**0.020**	0.020 U
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel																										
Diesel Range Organics																										
Lube Oil																										
NWTPH-Gx (µg/L)																										
Gasoline Range Organics																										
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																										
Cadmium																										
Nickel																										
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)											**8.0**			**10.5**				1.0 U								
Total Organic Carbon (SM5310C)											**2.2**			**1.5**				**10.4**								
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane																										
Ethane																										
Ethene																										

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW161	AGW162	AGW163	Dup of AGW163 AGWDUP1	AGW164	AGW165	AGW166	AGW167	AGW168	AGW169	AGW170	AGW171	AGW172	AGW173	AGW174	AGW175	AGW176	AGW177	AGW178	AGW179	AGW180	AGW181	AGW182	AGW183	AGW184	AGW185
Zone:	Int.	Int.	Int.	Int.	Int.	Shallow	Int.	Deep	Int.	Deep	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Int.	Deep	Int.	Int.	Deep	Int.	Deep
SDG:	1478164	1478434	1480975	1480975	1483606	1483606	1478436	1478436	1478435	1478436	1478436	1478435	1478483	1478483	1478164	1478164	1478483	1478164	1478164	1478432	1478432	1478483	1478483	1478483	1478014	1478164
Lab ID:	7482028	7483491	7494610	7494613	7507338	7507339	7483512	7483511	7483493	7483501	7483502	7483494	7483861	7483862	7482029	7482031	7483863	7482027	7482026	7483469	7483470	7483870	7483866	7483867	7481411	7482030
Sample Date:	5/28/2014	5/29/2014	6/10/2014	6/10/2014	6/19/2014	6/19/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/30/2014	5/30/2014	5/28/2014	5/28/2014	5/30/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/30/2014	5/30/2014	5/30/2014	5/27/2014	5/28/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	**1.4**	**1.4**	**0.3**	**1.8**	**0.7**	**2.6**	**1.9**	**1.5**	**0.5**	0.2 U	**0.4**	**0.3**	0.2 U	**0.3**	**0.3**	**1.3**	**0.5**	**7.7**	**0.3**	**1.0**	**2.7**	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**2.1**	**0.7**	**4.9**	**4.9**	**1.7**	**2.7**	0.2 U	**6.3**	**6.0**	**6.7**	**3.0**	**2.0**	**5.5**	**4.3**	**2.1**	**2.7**	**4.2**	**5.7**	**4.8**	0.2 U	**4.8**	**6.1**	**2.1**	0.2 U	**0.5**	**3.5**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene		**0.029**	**0.057**	**0.056**	**0.073**	**0.062**	0.020 U		**0.021**		**0.16**	**0.11**						**0.12**	**0.071**		**0.049**		0.020 U			
Vinyl Chloride	0.020 U	0.020 U	**0.032**	**0.034**	0.020 U	**0.34**	**0.22**	**0.17**	**0.078**	**0.060**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.026**	0.020 U	**0.093**	0.020 U	**0.031**	**0.21**	0.020 U	0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel																										
Diesel Range Organics																										
Lube Oil																										
NWTPH-Gx (µg/L)																										
Gasoline Range Organics																										
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																										
Cadmium																										
Nickel																										
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)																										
Total Organic Carbon (SM5310C)																										
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane																										
Ethane																										
Ethene																										

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW186	AGW187	AGW188	AGW189	AGW190	AGW191	AGW192	AGW193	AGW194	AGW195	Dup of AGW195 AGW901	AGW196	AGW197	AGW198	AGW199	AGW200-2-30	AGW200-5-60	AGW200-6-80	AGW201-2-30	AGW201-5-60	AGW201-6-80	AGW202-2-31	AGW202-4-51	AGW202-6-81	AGW203-2-30
Zone:	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Shallow	Deep	Deep	Int.	Deep	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow
SDG:	1478164	1478164	1478014	1478483	1478164	1478434	1478434	1478435	1478435	1478436	1478436	1478436	1478435	1478436	1478483	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015
Lab ID:	7482035	7482032	7481403	7483868	7482034	7483484	7483483	7483497	7483495	7483505	7483506	7483507	7483498	7483509	7483864	7481422	7481421	7481413	7481425	7481424	7481423	7481417	7481419	7481418	7481414
Sample Date:	5/28/2014	5/28/2014	5/27/2014	5/30/2014	5/28/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/30/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014
VOLATILES (µg/L)																									
Method SW8260C																									
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	**0.2**	**0.3**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	**1.8**	**1.1**	**1.0**	**1.0**	**4.7**	**0.8**	**1.0**	**0.7**	**2.5**	**5.2**	**3.7**	**2.9**	**1.4**	**5.1**	**1.0**	**1.3**	**0.3**	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.5**	**0.5**	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**0.8**	**1.7**	**4.8**	**1.4**	**1.4**	0.2 U	0.2 U	**3.7**	**2.4**	**9.2**	**8.8**	0.2 U	**12**	**8.8**	**3.5**	**0.2**	**1.9**	**1.1**	**0.8**	**5.5**	**8.1**	**2.0**	**4.4**	**1.0**	**1.0**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	**1.6**	0.2 U	0.2 U	0.2 U	**1.3**	**1.4**	**0.8**	**1.5**	0.2 U	**0.7**	0.2 U	**0.4**	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																									
Method 8260C SIM																									
Tetrachloroethene								**0.097**	**0.21**	**0.032**	**0.030**		0.020 U						0.020 U	**0.12**	**0.060**	**0.12**	**0.14**	0.020 U	**0.41**
Vinyl Chloride	0.020 U	0.020 U	**0.025**	0.020 U	0.020 U	0.020 U	0.020 U	**0.22**	**0.029**	**0.020**	**0.020**		0.020 U	0.020 U	**0.027**						**0.55**	**0.085**		0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																									
NWTPH-Dx (mg/L)																									
Diesel #2 Fuel																									
Diesel Range Organics																									
Lube Oil																									
NWTPH-Gx (µg/L)																									
Gasoline Range Organics																									
DISSOLVED METALS (mg/L)																									
Method EPA200.8																									
Arsenic																									
Cadmium																									
Nickel																									
CONVENTIONALS (mg/L)																									
Sulfate (EPA300.0)																									
Total Organic Carbon (SM5310C)																									
NATURAL ATTENUATION PARAMETERS (µg/L)																									
Method RSK-175																									
Methane																									
Ethane																									
Ethene																									

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	Dup of AGW203-2-30 AGW903	AGW203-4-49	AGW203-6-80	AGW204	AGW205	AGW206	AGW207-2-30	AGW207-4-49	AGW207-7-80	AGW208-2-29	AGW208-4-49	AGW208-6-80	AGW209-2-30	AGW209-5-60	AGW209-6-80	AGW210-2-30	AGW210-5-60	AGW210-6-80	AGW211-2-30	AGW211-5-60	AGW211-6-80	AGW212-2-30	AGW212-5-60	AGW212-7-100
Zone:	Shallow	Int.	Deep	Int.	Int.	Int.	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep
SDG:	1478015	1478015	1478015	1480975	1480975	1480975	1478432	1478432	1478432	1478433	1478433	1478433	1478432	1478433	1478432	1478433	1478432	1478432	1478432	1478432	1478432	1478432	1478433	1478433
Lab ID:	7481415	7481420	7481416	7494606	7494607	7494608	7483468	7483472	7483471	7483480	7483479	7483481	7483466	7483478	7483467	7483474	7483463	7483464	7483460	7483461	7483462	7483465	7483475	7483476
Sample Date:	05/27/2014	05/27/2014	05/27/2014	6/10/2014	6/10/2014	6/10/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014
VOLATILES (µg/L)																								
Method SW8260C																								
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	**0.3**	**0.2**	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**2.9**	**1.0**	**0.8**	**4.6**	**0.8**	**0.7**	0.2 U	**1.6**	**1.1**	0.2 U	**0.9**	**0.3**	0.2 U	**0.8**	**0.3**	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**1.0**	**3.9**	0.2 U	0.2 U	0.2 U	**0.4**	**9.5**	**7.1**	**7.0**	**4.4**	**5.0**	**6.4**	0.2 U	**2.5**	**7.0**	0.2 U	**3.3**	**5.7**	0.2 U	**4.9**	**3.6**	0.2 U	**1.5**	**5.6**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.2**	0.2 U	0.2 U	**2.2**	**0.9**	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																								
Method 8260C SIM																								
Tetrachloroethene	**0.41**	**0.40**	**0.13**																			0.020 U	**0.047**	0.020 U
Vinyl Chloride	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.12**	**0.025**	**0.027**		0.020 U	0.020 U		**0.81**	**0.024**	0.020 U	**0.043**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																								
NWTPH-Dx (mg/L)																								
Diesel #2 Fuel																								
Diesel Range Organics																								
Lube Oil																								
NWTPH-Gx (µg/L)																								
Gasoline Range Organics																								
DISSOLVED METALS (mg/L)																								
Method EPA200.8																								
Arsenic																								
Cadmium																								
Nickel																								
CONVENTIONALS (mg/L)																								
Sulfate (EPA300.0)																								
Total Organic Carbon (SM5310C)																								
NATURAL ATTENUATION PARAMETERS (µg/L)																								
Method RSK-175																								
Methane																								
Ethane																								
Ethene																								

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	Dup of AGW212-7-100 AGW904	AGW213	AGW214	AGW215	AGW216	AGW217	AGW218	AGW219	AGW220	AGW221	AGW222	AGW223	AGW224	AGW225	AGW226	AGW227	AGW228	AGW229	AGW230	AGW231	AGW232	AGW233	AGW234	AGW235-2-19	AGW235-4-39	AGW235-7-71
Zone:	Deep	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Water Table	Water Table	Int.	Shallow	Water Table	Deep	Shallow	Shallow	Deep	Deep	Shallow	Int.	Deep
SDG:	1478433	1478482	1478014	1478014	1478014	1478014	1478014	1478014	1478014	1478014	1483606	1480975	1478483	1478434	1478434	1478435	1478436	1478436	1478014	1478436	1478435	1478164	1479180	1479180	1479180	1479177
Lab ID:	7483477	7483859	7481407	7481404	7481409	7481405	7481401	7481406	7481402	7481408	7507340	7494595	7483865	7483485	7483486	7483496	7483513	7483503	7481410	7483508	7483499	7482033	7486676	7486677	7486673	7486642
Sample Date:	5/28/2014	5/30/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014	6/19/2014	6/9/2014	5/30/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/27/2014	5/29/2014	5/29/2014	5/28/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014
VOLATILES (µg/L)																										
Method SW8260C																										
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	**0.4**	**0.3**	**0.3**	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	**0.2**	**0.4**	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**5.9**	**3.5**	**3.0**	**3.3**	**1.0**	0.2 U	**2.0**	**4.7**	0.2 U	**2.0**	**2.7**	**6.6**	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.4**	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**5.5**	0.2 U	**3.0**	0.2 U	**1.1**	**1.8**	**3.8**	0.2 U	**0.5**	0.2 U	**0.7**	0.2 U	0.2 U	**2.3**	**4.7**	**2.9**	**2.6**	**2.7**	**1.3**	**1.4**	0.2 U	0.2 U	**7.9**	0.2 U	**5.0**	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	**0.6**	**0.3**	**0.4**	0.2 U	0.2 U	**2.9**	**1.3**	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																										
Method 8260C SIM																										
Tetrachloroethene	0.020 U	0.020 U		0.020 U	0.020 U	0.020 U			0.020 U	0.020 U		0.020 U										0.020 U				
Vinyl Chloride	0.020 U	**0.027**	**0.021**	0.020 U	0.020 U	**0.021**	**0.022**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.46**	**0.55**	**0.28**	**0.34**	**0.021**	0.020 U			0.020 U	**0.053**	**0.47**	**0.15**	0.020 U
TOTAL PETROLEUM HYDROCARBONS																										
NWTPH-Dx (mg/L)																										
Diesel #2 Fuel																										
Diesel Range Organics																										
Lube Oil																										
NWTPH-Gx (µg/L)																										
Gasoline Range Organics																										
DISSOLVED METALS (mg/L)																										
Method EPA200.8																										
Arsenic																										
Cadmium																										
Nickel																										
CONVENTIONALS (mg/L)																										
Sulfate (EPA300.0)																										
Total Organic Carbon (SM5310C)																										
NATURAL ATTENUATION PARAMETERS (µg/L)																										
Method RSK-175																										
Methane																										
Ethane																										
Ethene																										

TABLE 3-2
GROUNDWATER SAMPLING EVENT RESULTS
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW236	AGW237	AGW238	Dup of AGW238 AGW900	AGW239
Zone:	Shallow	Deep	Int.	Int.	Shallow
SDG:	1478483	1478164	1478164	1478164	1478164
Lab ID:	7483860	7482039	7482038	7482037	7482036
Sample Date:	5/30/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014
VOLATILES (µg/L)					
Method SW8260C					
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	**1.2**	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**2.2**	**1.2**	0.2 U	0.2 U	**5.5**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**7.6**	**3.9**	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	**0.8**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)					
Method 8260C SIM					
Tetrachloroethene		**0.033**	0.020 U	0.020 U	0.020 U
Vinyl Chloride	**0.059**	**0.043**	0.020 U	0.020 U	**0.73**
TOTAL PETROLEUM HYDROCARBONS					
NWTPH-Dx (mg/L)					
Diesel #2 Fuel					
Diesel Range Organics					
Lube Oil					
NWTPH-Gx (µg/L)					
Gasoline Range Organics					
DISSOLVED METALS (mg/L)					
Method EPA200.8					
Arsenic					
Cadmium					
Nickel					
CONVENTIONALS (mg/L)					
Sulfate (EPA300.0)					
Total Organic Carbon (SM5310C)					
NATURAL ATTENUATION PARAMETERS (µg/L)					
Method RSK-175					
Methane					
Ethane					
Ethene					

U = Indicates the compound was undetected at the reported concentration.
J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected in the sample; the reported sample reporting limit is an estimate.
Bold = Detected compound.

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW001R	AGW002R	AGW006R	AGW009	Dup of AGW009 AGWDUP3	AGW010	AGW020	Dup of AGW020 AGW900	AGW024	AGW025	AGW026	AGW027	AGW029	AGW030	AGW031R	AGW032	AGW033	AGW034	AGW035	AGW037	AGW039
Zone:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Deep	Shallow	Shallow
SDG:	1478482	1479178	1478484	1483606	1483606	1484402	1479176	1479176	1482745	1482745	1482745	1480975	1482745	1482745	1478482	1480975	1482745	1482745	1482745	1483606	1484402
Lab ID:	7483851	7486656	7483881	7507335	7507336	7510981	7486638	7486637	7502754	7502751	7502752	7494598	7502759	7502757	7483850	7494612	7502768	7502755	7502769	7507337	7510983
Sample Date:	5/30/2014	6/2/2014	5/30/2014	6/18/2014	6/18/2014	6/23/2014	6/2/2014	6/2/2014	6/16/2014	6/16/2014	6/16/2014	6/9/2014	6/16/2014	6/16/2014	5/30/2014	6/10/2014	6/17/2014	6/16/2014	6/17/2014	6/19/2014	6/24/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**4.1** J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	**0.3**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.4**	**2.9**	**0.7**	**1.0**	0.2 U	0.2 U	**0.6**	**0.5**	0.2 U	0.2 U	0.2 U	**1.1**	**1.2**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**440**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**5.7** J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**1.2**	0.2 U	0.2 U	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.0**	0.2 U	0.2 U	0.2 U	**1.5**	0.2 U	0.2 U	**0.3**	**1.4**	**2.2**	**0.7**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	**2.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.1**	**1.6**	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**92**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**25**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene	**0.098**			**0.098**	**0.10**	0.020 U										0.040 U	0.020 U			**0.030**	
Vinyl Chloride	0.020 U	**0.051**	**0.027**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U			**0.028**	**0.27**	0.020 U	0.020 U	0.020 U	**0.53**	0.020 U	0.020 U	0.020 U	**0.18**	**0.029**
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel						**1.2**															
Diesel Range Organics						**1.0**															
Lube Oil						**0.64**															
NWTPH-Gx (µg/L)																					
Gasoline Range Organics						**4700**															
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					**0.0109**
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)		1.0 U																			
Total Organic Carbon (SM5310C)		**5.1**																			
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane		**18000**																			

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW040	AGW041	AGW044	AGW048	AGW049	AGW050	AGW053R	AGW055R	AGW057R	AGW058R	AGW059R	AGW060R	AGW064	AGW065	AGW066	AGW067	Dup of AGW067 AGW906	AGW068	AGW069	AGW072	AGW073
Zone:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Int.	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Deep
SDG:	1484402	1483606	1484402	1484402	1484402	1484402	1479178	1478484	1478482	1478482	1478482	1478482	1478434	1478434	1479177	1479177	1479177	1478484	1478484	1479180	1479180
Lab ID:	7510985	7507330	7510980	7510986	7510987	7510988	7486660	7483882	7483853	7483852	7483857	7483858	7483487	7483489	7486645	7486643	7486644	7483875	7483874	7486674	7486675
Sample Date:	6/24/2014	6/18/2014	6/23/2014	6/24/2014	6/24/2014	6/24/2014	6/2/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/29/2014	5/29/2014	6/2/2014	6/2/2014	6/2/2014	5/30/2014	5/30/2014	6/2/2014	6/2/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U				5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.1**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.6**	0.2 U	0.2 U				**0.2**	**1.5**	0.2 U	0.2 U	0.2 U	**3.1**	0.2 U	0.2 U	**1.1**	**3.1**	**3.2**	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	**0.3**	0.2 U				**0.3**	0.2 U	**0.5**	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**1.3**	**0.3**	0.2 U				**1.3**	**0.6**	**1.6**	0.2 U	0.2 U	**0.6**	0.2 U	0.2 U	**2.8**	**4.4**	**4.8**	0.2 U	0.2 U	**1.6**	**0.3**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene	**0.046**		**0.10**				**0.24**					0.020 U			0.020 U	**0.035**	**0.033**			**0.12**	
Vinyl Chloride	**0.023**	0.020 U	0.020 U				0.020 U	**0.16**	0.020 U	0.020 U	0.020 U	**0.055**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel			**2.4**																		
Diesel Range Organics			**2.0**																		
Lube Oil			**3.3**																		
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium				**0.0026**	**0.0051**	**0.0755**															
Nickel				0.0020 U	**0.0433**	**0.207**															
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)																					
Total Organic Carbon (SM5310C)																					
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane																					

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW074	AGW078	AGW079	AGW081	AGW085	AGW087	AGW088	AGW089	AGW090	AGW091	AGW095R	Dup of AGW095R	AGW098R	AGW103	AGW104	AGW105	AGW106R	Dup of AGW106R	AGW110R	AGW112R	AGW115
Zone:	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Shallow	Int.	Shallow	Int.	Int.	Int.	Deep	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow
SDG:	1483606	1480975	1482745	1482745	1480975	1483606	1483606	1483606	1483606	1483606	1478482	1478482	1478482	1479176	1480975	1482745	1479178	1479178	1479178	1479178	1483606
Lab ID:	7507327	7494602	7502753	7502756	7494603	7507322	7507323	7507324	7507325	7507326	7483855	7483854	7483856	7486639	7494601	7502758	7486650	7486652	7486654	7486659	7507333
Sample Date:	6/18/2014	6/10/2014	6/16/2014	6/16/2014	6/10/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	5/30/2014	5/30/2014	5/30/2014	6/2/2014	6/10/2014	6/16/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/18/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	**0.5**	0.2 U	0.2 U	0.2 U	**0.7**	**0.2**	**0.2**	0.2 U	0.2 U	**0.6**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.6**	**1.6**	**0.6**	0.2 U	0.2 U	**1.4**	**0.3**	**0.3**	0.2 U	**1.0**	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	**1.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	**0.8**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene		**0.14**		0.020 U	**0.36**						**0.10**	**0.095**	**0.038**		**0.092**					**0.22**	**0.13**
Vinyl Chloride	0.020 U	0.020 U		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.26**	0.020 U	0.020 U	**0.11**	0.020 U	
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel																					
Diesel Range Organics																					
Lube Oil																					
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)																	**11.6**	**11.6**	**4.6**		
Total Organic Carbon (SM5310C)																	**1.4**	**1.3**	**4.6**		
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane																	**1600**	**1400**	**5800**		

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW116	AGW117	AGW118	AGW119	AGW120	AGW125	AGW126	AGW127	AGW128	AGW129	AGW130	AGW131	AGW133	AGW134	Dup of AGW134 AGWDUP2	AGW135	AGW136	AGW137	AGW138	AGW139	AGW140
Zone:	Shallow	Shallow	Shallow	Int.	Shallow	Shallow	Int.	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Int.	Deep	Int.	Int.
SDG:	1483606	1480975	1483606	1483606	1483606	1479177	1479177	1480975	1484402	1483606	1484402	1480975	1480975	1482745	1482745	1482745	1478484	1478484	1478484	1478484	1478434
Lab ID:	7507332	7494604	7507331	7507328	7507329	7486648	7486646	7494605	7510979	7507334	7510978	7494600	7494611	7502760	7502761	7502762	7483878	7483879	7483880	7483877	7483488
Sample Date:	6/18/2014	6/10/2014	6/18/2014	6/18/2014	6/18/2014	6/2/2014	6/2/2014	6/10/2014	6/23/2014	6/18/2014	6/23/2014	6/9/2014	6/10/2014	6/16/2014	6/16/2014	6/16/2014	5/30/2014	5/30/2014	5/30/2014	5/30/2014	5/29/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.4**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	**6.4**	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	0.2 U	0.2 U	0.2 U	**0.3**	**0.4**	**2.0**	0.2 U	**0.6**	**3.0**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	**0.5**	**0.6**	**0.6**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.4**	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.9**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.2 U	**1.0**	**0.4**	0.2 U	0.2 U	**7.4**	**13**	0.2 U	0.2 U	**0.6**	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U	**1.1**	**0.9**	**4.0**	**0.9**	**4.9**	**5.4**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.8**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene						**0.024**	0.020 U		**0.15**							**0.087**				**0.097**	
Vinyl Chloride	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.022**	**0.055**	0.020 U	0.020 U	0.020 U	0.020 U		0.020 U	**0.021**	**0.023**	0.020 U	0.020 U	**0.020**	0.020 U	0.020 U	**0.076**
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel									**2.6**		0.095 U										
Diesel Range Organics									**2.2**		0.095 U										
Lube Oil									**4.7**		0.24 U										
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)						**18.2**	**17.3**					**1.2**									
Total Organic Carbon (SM5310C)						**3.8**	**2.6**					**22.7**									
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane						**7.8**	**22**														

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW141	AGW142	AGW143	AGW144	AGW145	AGW146	AGW147	AGW148	AGW149	AGW150	AGW151	AGW152	AGW153	AGW154	AGW155	AGW156	AGW157	AGW158	AGW159	AGW160	AGW161
Zone:	Int.	Deep	Deep	Int.	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Shallow	Shallow	Int.	Int.	Int.	Int.	Int.	Deep	Int.	Int.
SDG:	1478484	1478484	1482745	1482745	1482745	1482745	1479180	1479178	1479180	1478434	1478484	1480975	1484402	1480975	1480975	1480975	1482745	1478436	1478436	1478483	1478164
Lab ID:	7483872	7483873	7502767	7502766	7502765	7502764	7486671	7486658	7486672	7483490	7483876	7494609	7510982	7494596	7494597	7494599	7502763	7483510	7483504	7483869	7482028
Sample Date:	5/30/2014	5/30/2014	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/2/2014	6/2/2014	6/2/2014	5/29/2014	5/30/2014	6/10/2014	6/23/2014	6/9/2014	6/9/2014	6/9/2014	6/17/2014	5/29/2014	5/29/2014	5/30/2014	5/28/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	**0.4**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.2**	0.2 U	0.2 U	**2.2**	**9.2**	**1.6**	**5.0**	**1.6**	**0.4**	0.2 U	0.2 U	**0.3**	0.2 U	**0.4**	**4.0**	**9.6**	**2.1**	**0.7**	**0.5**	**0.4**	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	**0.5**	**1.4**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**2.8**	**0.5**	0.2 U	**1.3**	**15**	**5.2**	0.2 U	**4.5**	**4.1**	**1.7**	**0.5**	0.2 U	0.2 U	**0.5**	0.2 U	**1.3**	**5.0**	**2.9**	**4.1**	**3.8**	**2.1**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	**0.3**	**1.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.0**	0.2 U	0.2 U	**7.5**	**1.6**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene	**0.056**	0.020 U						**0.040**									**0.074**		**0.077**		
Vinyl Chloride	0.020 U	0.020 U	0.020 U	**0.29**		**0.12**	**0.073**	**0.027**	0.020 U	0.020 U	0.020 U		0.020 U	**0.029**		0.020 U	**0.34**	**0.037**	**0.020**	0.020 U	0.020 U
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel																					
Diesel Range Organics																					
Lube Oil																					
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)					**8.0**			**10.5**				1.0 U									
Total Organic Carbon (SM5310C)					**2.2**			**1.5**				**10.4**									
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane																					

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW162	AGW163	Dup of AGW163 AGWDUP1	AGW164	AGW165	AGW166	AGW167	AGW168	AGW169	AGW170	AGW171	AGW172	AGW173	AGW174	AGW175	AGW176	AGW177	AGW178	AGW179	AGW180	AGW181
Zone:	Int.	Int.	Int.	Int.	Shallow	Int.	Deep	Int.	Deep	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Int.	Deep	Int.
SDG:	1478434	1480975	1480975	1483606	1483606	1478436	1478436	1478435	1478436	1478436	1478435	1478483	1478483	1478164	1478164	1478483	1478164	1478164	1478432	1478432	1478483
Lab ID:	7483491	7494610	7494613	7507338	7507339	7483512	7483511	7483493	7483501	7483502	7483494	7483861	7483862	7482029	7482031	7483863	7482027	7482026	7483469	7483470	7483870
Sample Date:	5/29/2014	6/10/2014	6/10/2014	6/19/2014	6/19/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/30/2014	5/30/2014	5/28/2014	5/28/2014	5/30/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/30/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	**0.2**
cis-1,2-Dichloroethene	0.2 U	**1.4**	**1.4**	**0.3**	**1.8**	**0.7**	**2.6**	**1.9**	**1.5**	**0.5**	0.2 U	**0.4**	**0.3**	0.2 U	**0.3**	**0.3**	**1.3**	**0.5**	**7.7**	**0.3**	**1.0**
trans-1,2-Dichloroethene	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**0.7**	**4.9**	**4.9**	**1.7**	**2.7**	0.2 U	**6.3**	**6.0**	**6.7**	**3.0**	**2.0**	**5.5**	**4.3**	**2.1**	**2.7**	**4.2**	**5.7**	**4.8**	0.2 U	**4.8**	**6.1**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene	**0.029**	**0.057**	**0.056**	**0.073**	**0.062**	0.020 U		**0.021**		**0.16**	**0.11**						**0.12**	**0.071**		**0.049**	
Vinyl Chloride	0.020 U	**0.032**	**0.034**	0.020 U	**0.34**	**0.22**	**0.17**	**0.078**	**0.060**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.026**	0.020 U	**0.093**	0.020 U	**0.031**
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel																					
Diesel Range Organics																					
Lube Oil																					
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)																					
Total Organic Carbon (SM5310C)																					
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane																					

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW182	AGW183	AGW184	AGW185	AGW186	AGW187	AGW188	AGW189	AGW190	AGW191	AGW192	AGW193	AGW194	AGW195	Dup of AGW195 AGW901	AGW196	AGW197	AGW198	AGW199	AGW200-2-30
Zone:	Int.	Deep	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Shallow	Deep	Deep	Int.	Deep	Int.	Deep	Shallow
SDG:	1478483	1478483	1478014	1478164	1478164	1478164	1478014	1478483	1478164	1478434	1478434	1478435	1478435	1478436	1478436	1478436	1478435	1478436	1478483	1478015
Lab ID:	7483866	7483867	7481411	7482030	7482035	7482032	7481403	7483868	7482034	7483484	7483483	7483497	7483495	7483505	7483506	7483507	7483498	7483509	7483864	7481422
Sample Date:	5/30/2014	5/30/2014	5/27/2014	5/28/2014	5/28/2014	5/28/2014	5/27/2014	5/30/2014	5/28/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/30/2014	05/27/2014
VOLATILES (µg/L)																				
Method SW8260C																				
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	**0.2**	**0.3**	**0.2**	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**2.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	**1.8**	**1.1**	**1.0**	**1.0**	**4.7**	**0.8**	**1.0**	**0.7**	**2.5**
trans-1,2-Dichloroethene	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**2.1**	0.2 U	**0.5**	**3.5**	**0.8**	**1.7**	**4.8**	**1.4**	**1.4**	0.2 U	0.2 U	**3.7**	**2.4**	**9.2**	**8.8**	0.2 U	**12**	**8.8**	**3.5**	**0.2**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	**1.6**	0.2 U	0.2 U	0.2 U	**1.3**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																				
Method 8260C SIM																				
Tetrachloroethene	0.020 U											**0.097**	**0.21**	**0.032**	**0.030**		0.020 U			
Vinyl Chloride	**0.21**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.025**	0.020 U	0.020 U	0.020 U	0.020 U	**0.22**	**0.029**	**0.020**	**0.020**		0.020 U	0.020 U	**0.027**	
TOTAL PETROLEUM HYDROCARBONS																				
NWTPH-Dx (mg/L)																				
Diesel #2 Fuel																				
Diesel Range Organics																				
Lube Oil																				
NWTPH-Gx (µg/L)																				
Gasoline Range Organics																				
DISSOLVED METALS (mg/L)																				
Method EPA200.8																				
Arsenic																				
Cadmium																				
Nickel																				
CONVENTIONALS (mg/L)																				
Sulfate (EPA300.0)																				
Total Organic Carbon (SM5310C)																				
NATURAL ATTENUATION PARAMETERS (µg/L)																				
Method RSK-175																				
Methane																				

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW200-5-60	AGW200-6-80	AGW201-2-30	AGW201-5-60	AGW201-6-80	AGW202-2-31	AGW202-4-51	AGW202-6-81	AGW203-2-30	AGW903	AGW203-4-49	AGW203-6-80	AGW204	AGW205	AGW206	AGW207-2-30	AGW207-4-49	AGW207-7-80	AGW208-2-29
									Dup of AGW203-2-30										
Zone:	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Shallow	Int.	Deep	Int.	Int.	Int.	Shallow	Int.	Deep	Shallow
SDG:	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1478015	1480975	1480975	1480975	1478432	1478432	1478432	1478433
Lab ID:	7481421	7481413	7481425	7481424	7481423	7481417	7481419	7481418	7481414	7481415	7481420	7481416	7494606	7494607	7494608	7483468	7483472	7483471	7483480
Sample Date:	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	05/27/2014	6/10/2014	6/10/2014	6/10/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014
VOLATILES (µg/L)																			
Method SW8260C																			
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	**0.3**
cis-1,2-Dichloroethene	**5.2**	**3.7**	**2.9**	**1.4**	**5.1**	**1.0**	**1.3**	**0.3**	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**2.9**	**1.0**	**0.8**	**4.6**
trans-1,2-Dichloroethene	**0.5**	**0.5**	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**1.9**	**1.1**	**0.8**	**5.5**	**8.1**	**2.0**	**4.4**	**1.0**	**1.0**	**1.0**	**3.9**	0.2 U	0.2 U	0.2 U	**0.4**	**9.5**	**7.1**	**7.0**	**4.4**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	**1.4**	**0.8**	**1.5**	0.2 U	**0.7**	0.2 U	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.2**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																			
Method 8260C SIM																			
Tetrachloroethene			0.020 U	**0.12**	**0.060**	**0.12**	**0.14**	0.020 U	**0.41**	**0.41**	**0.40**	**0.13**							
Vinyl Chloride					**0.55**	**0.085**		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.12**	**0.025**	**0.027**	
TOTAL PETROLEUM HYDROCARBONS																			
NWTPH-Dx (mg/L)																			
Diesel #2 Fuel																			
Diesel Range Organics																			
Lube Oil																			
NWTPH-Gx (µg/L)																			
Gasoline Range Organics																			
DISSOLVED METALS (mg/L)																			
Method EPA200.8																			
Arsenic																			
Cadmium																			
Nickel																			
CONVENTIONALS (mg/L)																			
Sulfate (EPA300.0)																			
Total Organic Carbon (SM5310C)																			
NATURAL ATTENUATION PARAMETERS (µg/L)																			
Method RSK-175																			
Methane																			

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW208-4-49	AGW208-6-80	AGW209-2-30	AGW209-5-60	AGW209-6-80	AGW210-2-30	AGW210-5-60	AGW210-6-80	AGW211-2-30	AGW211-5-60	AGW211-6-80	AGW212-2-30	AGW212-5-60	Dup of AGW212-7-100 AGW212-7-100	AGW904	AGW213	AGW214	AGW215	AGW216	AGW217
Zone:	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Deep	Deep	Int.	Int.	Int.	Int.
SDG:	1478433	1478433	1478432	1478433	1478432	1478433	1478432	1478432	1478432	1478432	1478432	1478432	1478433	1478433	1478433	1478482	1478014	1478014	1478014	1478014
Lab ID:	7483479	7483481	7483466	7483478	7483467	7483474	7483463	7483464	7483460	7483461	7483462	7483465	7483475	7483476	7483477	7483859	7481407	7481404	7481409	7481405
Sample Date:	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/28/2014	5/30/2014	5/27/2014	5/27/2014	5/27/2014	5/27/2014
VOLATILES (µg/L)																				
Method SW8260C																				
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	**0.3**	**0.2**	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.8**	**0.7**	0.2 U	**1.6**	**1.1**	0.2 U	**0.9**	**0.3**	0.2 U	**0.8**	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	**0.2**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**5.0**	**6.4**	0.2 U	**2.5**	**7.0**	0.2 U	**3.3**	**5.7**	0.2 U	**4.9**	**3.6**	0.2 U	**1.5**	**5.6**	**5.5**	0.2 U	**3.0**	0.2 U	**1.1**	**1.8**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	**2.2**	**0.9**	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																				
Method 8260C SIM																				
Tetrachloroethene												0.020 U	**0.047**	0.020 U	0.020 U	0.020 U		0.020 U	0.020 U	0.020 U
Vinyl Chloride	0.020 U	0.020 U		**0.81**	**0.024**	0.020 U	**0.043**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.027**	**0.021**	0.020 U	0.020 U	**0.021**
TOTAL PETROLEUM HYDROCARBONS																				
NWTPH-Dx (mg/L)																				
Diesel #2 Fuel																				
Diesel Range Organics																				
Lube Oil																				
NWTPH-Gx (µg/L)																				
Gasoline Range Organics																				
DISSOLVED METALS (mg/L)																				
Method EPA200.8																				
Arsenic																				
Cadmium																				
Nickel																				
CONVENTIONALS (mg/L)																				
Sulfate (EPA300.0)																				
Total Organic Carbon (SM5310C)																				
NATURAL ATTENUATION PARAMETERS (µg/L)																				
Method RSK-175																				
Methane																				

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW218	AGW219	AGW220	AGW221	AGW222	AGW223	AGW224	AGW225	AGW226	AGW227	AGW228	AGW229	AGW230	AGW231	AGW232	AGW233	AGW234	AGW235-2-19	AGW235-4-39	AGW235-7-71	AGW236
Zone:	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Water Table	Water Table	Int.	Shallow	Water Table	Deep	Shallow	Shallow	Deep	Deep	Shallow	Int.	Deep	Shallow
SDG:	1478014	1478014	1478014	1478014	1483606	1480975	1478483	1478434	1478434	1478435	1478436	1478436	1478014	1478436	1478435	1478164	1479180	1479180	1479180	1479177	1478483
Lab ID:	7481401	7481406	7481402	7481408	7507340	7494595	7483865	7483485	7483486	7483496	7483513	7483503	7481410	7483508	7483499	7482033	7486676	7486677	7486673	7486642	7483860
Sample Date:	5/27/2014	5/27/2014	5/27/2014	5/27/2014	6/19/2014	6/9/2014	5/30/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/29/2014	5/27/2014	5/29/2014	5/29/2014	5/28/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	5/30/2014
VOLATILES (µg/L)																					
Method SW8260C																					
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	**0.4**	**0.3**	**0.3**	0.2 U	0.2 U
cis-1,2-Dichloroethene	**0.4**	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**5.9**	**3.5**	**3.0**	**3.3**	**1.0**	0.2 U	**2.0**	**4.7**	0.2 U	**2.0**	**2.7**	**6.6**	0.2 U	**2.2**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.4**	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**3.8**	0.2 U	**0.5**	0.2 U	**0.7**	0.2 U	0.2 U	**2.3**	**4.7**	**2.9**	**2.6**	**2.7**	**1.3**	**1.4**	0.2 U	0.2 U	**7.9**	0.2 U	**5.0**	0.2 U	**7.6**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	**0.6**	**0.3**	**0.4**	0.2 U	0.2 U	**2.9**	**1.3**	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																					
Method 8260C SIM																					
Tetrachloroethene			0.020 U	0.020 U		0.020 U															
Vinyl Chloride	**0.022**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.46**	**0.55**	**0.28**	**0.34**	**0.021**	0.020 U			0.020 U	**0.053**	**0.47**	**0.15**	0.020 U	**0.059**
TOTAL PETROLEUM HYDROCARBONS																					
NWTPH-Dx (mg/L)																					
Diesel #2 Fuel																					
Diesel Range Organics																					
Lube Oil																					
NWTPH-Gx (µg/L)																					
Gasoline Range Organics																					
DISSOLVED METALS (mg/L)																					
Method EPA200.8																					
Arsenic																					
Cadmium																					
Nickel																					
CONVENTIONALS (mg/L)																					
Sulfate (EPA300.0)																					
Total Organic Carbon (SM5310C)																					
NATURAL ATTENUATION PARAMETERS (µg/L)																					
Method RSK-175																					
Methane																					

TABLE 3-3
QUARTERLY GROUNDWATER SAMPLING EVENT RESULTS - DETECTED ANALYTES ONLY
2nd QUARTER 2014
BOEING AUBURN

Sample ID:	AGW237	AGW238	Dup of AGW238 AGW900	AGW239
Zone:	Deep	Int.	Int.	Shallow
SDG:	1478164	1478164	1478164	1478164
Lab ID:	7482039	7482038	7482037	7482036
Sample Date:	5/28/2014	5/28/2014	5/28/2014	5/28/2014
VOLATILES (µg/L)				
Method SW8260C				
Benzene	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	**0.7**	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	**1.2**	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**1.2**	0.2 U	0.2 U	**5.5**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	**0.3**
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	**3.9**	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	**0.8**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)				
Method 8260C SIM				
Tetrachloroethene	**0.033**	0.020 U	0.020 U	0.020 U
Vinyl Chloride	**0.043**	0.020 U	0.020 U	**0.73**
TOTAL PETROLEUM HYDROCARBONS				
NWTPH-Dx (mg/L)				
Diesel #2 Fuel				
Diesel Range Organics				
Lube Oil				
NWTPH-Gx (µg/L)				
Gasoline Range Organics				
DISSOLVED METALS (mg/L)				
Method EPA200.8				
Arsenic				
Cadmium				
Nickel				
CONVENTIONALS (mg/L)				
Sulfate (EPA300.0)				
Total Organic Carbon (SM5310C)				
NATURAL ATTENUATION PARAMETERS (µg/L)				
Method RSK-175				
Methane				

U = Indicates the compound was undetected at the reported concentration.
J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected in the sample; the reported sample reporting limit is an estimate.
Bold = Detected compound.

ATTACHMENT 4

Building 17-68 Dewatering Baseline Sampling Results

G:\Projects\025\164\110\501\1st Quarter Status Report\Figure4-1Building17-68.mxd 7/23/2014 NAD 1983 StatePlane Washington North FIPS 4601 Feet

Legend

- Shallow Monitoring Well (2 to 30 ft BGS)
- Test Well (Approximate Location)
- Approximate Excavation Area
- Boeing Property

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

0 150 300

Scale in Feet

Base Map Source: Geometrix 2003;
Aerial Photo Source: ESRI World Imagery;
Parcel Data Source: King County GIS 2012.

LANDAU ASSOCIATES

Boeing Auburn Auburn, Washington	**Building 17-68 Dewatering System Location and Adjacent Shallow Monitoring Wells**	Figure 4-1

TABLE 4-1
BUILDING 17-68 DEWATERING BASELINE SAMPLING
JUNE 2014
BOEING AUBURN

		Dup of AGW020		
Sample ID:	AGW020	AGW900	AGW103
Zone:	Shallow	Shallow	Shallow
SDG:	1479176	1479176	1479176
Lab ID:	7486638	7486637	7486639
Sample Date:	6/2/2014	6/2/2014	6/2/2014
VOLATILES (µg/L)			
Method SW8260C			
Acetone	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	**2.1**	**2.2**	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 UJ
Vinyl Chloride	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)			
Method 8260C SIM			
Vinyl Chloride	0.020 U	0.020 U	0.020 U

U = Indicates the compound was undetected at the reported concentration.

Bold = Detected compound.

UJ = The analyte was not detected in the sample; the reported sample reporting limit is an estimate.

ATTACHMENT 5

Updated First Quarter 2014 Groundwater Sampling Event Results (Table 4-2)

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW163	AGW164	AGW165	AGW166	AGW167	AGW168	AGW169	AGW170	AGW171	AGW172	AGW173	AGW174	AGW175	AGW176	AGW177	AGW178	AGW179	AGW180	AGW181
Zone:	Int.	Int.	Shallow	Int.	Deep	Int.	Deep	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Int.	Deep	Int.
SDG:	1456610	1456610	1456610	1457703	1457703	1457703	1457703	1457703	1457703	1457391	1457391	1457704	1457704	1457391	1457391	1457388	1457388	1457388	1456951
Lab ID:	7380804	7380806	7380807	7385545	7385544	7385542	7385543	7385538	7385537	7384282	7384281	7385553	7385549	7384284	7384291	7384254	7384255	7384256	7382348
Sample Date:	3/3/2014	3/3/2014	3/3/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/4/2014	3/4/2014	3/5/2014	3/5/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/3/2014
VOLATILES (µg/L)																			
Method SW8260C																			
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	**0.2**
cis-1,2-Dichloroethene	**1.3**	**0.3**	**1.3**	**0.6**	**2.7**	**1.8**	**1.8**	**0.5**	0.2 U	**0.5**	**0.3**	0.2 U	**0.4**	**0.4**	**1.1**	**0.7**	**7.4**	**0.7**	**1.1**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**4.9**	**1.4**	**2.5**	0.2 U	**6.1**	**5.2**	**6.1**	**3.0**	**2.3**	**6.2**	**3.3**	**2.4**	**3.2**	**4.7**	**6.3**	**5.4**	0.2 U	**5.2**	**5.9**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	**0.2**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																			
Method 8260C SIM																			
Tetrachloroethene	**0.053**	**0.029**	**0.060**	0.020 U	0.020 U	0.020 U	0.020 U	**0.16**	**0.097**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.076**	**0.063**	0.020 U	**0.047**	0.020 U
Vinyl Chloride	0.020 U	**0.057**	**0.16**	**0.22**	**0.23**	**0.086**	**0.076**	0.020 U	0.020 U	0.020 U	**0.021**	0.020 U	0.020 U	0.020 U	**0.026**	**0.023**	**0.095**	0.020 U	**0.038**

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW182	AGW183	AGW184	AGW185	AGW186	AGW187	Dup of AGW187 AGW904	AGW188	AGW189	AGW190	AGW191	AGW192	AGW193	Dup of AGW193 AGW903	AGW194	AGW195	AGW196	AGW197	AGW198
Zone:	Deep	Int.	Int.	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Shallow	Shallow	Deep	Int.	Deep	Int.
SDG:	1457705	1457705	1457704	1457704	1456951	1457705	1457705	1456951	1457705	1457705	1457705	1457705	1457703	1457703	1457703	1457391	1457391	1457391	1457391
Lab ID:	7385557	7385556	7385550	7385552	7382358	7385560	7385561	7382349	7385558	7385562	7385564	7385565	7385547	7385546	7385548	7384290	7384287	7384285	7384288
Sample Date:	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/3/2014	3/5/2014	3/5/2014	3/3/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014
VOLATILES (µg/L)																			
Method SW8260C																			
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	**0.3**	0.2 U	**0.2**
cis-1,2-Dichloroethene	**2.7**	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	**0.3**	**0.6**	0.2 U	0.2 U	0.2 U	0.2 U	**2.0**	**2.0**	**0.9**	**0.9**	**5.0**	**0.5**	**0.8**
trans-1,2-Dichloroethene	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**2.5**	0.2 U	**0.6**	**3.8**	**0.9**	**2.1**	**2.3**	**5.0**	**1.1**	**1.6**	0.2 U	0.2 U	**3.8**	**3.7**	**2.5**	**8.0**	0.2 U	**8.3**	**9.1**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.3**	0.2 U	0.2 U	**1.4**	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																			
Method 8260C SIM																			
Tetrachloroethene	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.071**	**0.072**	**0.18**	**0.023**	0.020 U	0.020 U	0.020 U
Vinyl Chloride	**0.23**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.026**	0.020 U	0.020 U	0.020 U	0.020 U	**0.32**	**0.31**	**0.036**	0.020 U	**1.4**	0.020 U	0.020 U

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW199	AGW200-2-30	AGW200-5-60	AGW200-6-80	AGW201-2-30	AGW201-5-60	AGW201-6-80	AGW202-2-31	AGW202-4-51	Dup of AGW202-4-51 AGW902	AGW202-6-81	AGW203-2-30	AGW203-4-49	AGW203-6-80	AGW204	AGW205
Zone:	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Int.	Deep	Shallow	Int.	Deep	Int.	Int.
SDG:	1457391	1457390	1457390	1457390	1457390	1457390	1457390	1457390	1457390	1457390	1457389	1457389	1457389	1457389	1456610	1456610
Lab ID:	7384283	7384275	7384274	7384273	7384272	7384271	7384270	7384269	7384268	7384267	7384261	7384260	7384259	7384262	7380801	7380802
Sample Date:	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/3/2014	3/3/2014
VOLATILES (µg/L)																
Method SW8260C																
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	**1.2**	**2.1**	**6.3**	**5.7**	**4.0**	**5.3**	**5.7**	**2.3**	**1.7**	**1.7**	**0.4**	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	**0.3**	**0.7**	**0.7**	**0.3**	**0.5**	**0.6**	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.3**	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	**0.4**	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**5.1**	**0.2**	**2.3**	**1.2**	**0.6**	**6.7**	**9.2**	**2.1**	**4.3**	**4.3**	**1.2**	**1.3**	**4.2**	**0.2**	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	**2.3**	**1.7**	**1.2**	**2.4**	**1.4**	**0.6**	**0.5**	**0.7**	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																
Method 8260C SIM																
Tetrachloroethene	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.059**	**0.050**	**0.064**	**0.11**	**0.11**	0.020 U	**0.34**	**0.34**	**0.12**	**0.14**	**0.046**
Vinyl Chloride	**0.027**	**2.2**	**1.7**	**1.2**	**2.3**	**1.3**	**0.53**	**0.59**	**0.71**	**0.72**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW206	AGW207-2-30	AGW207-4-49	AGW207-7-80	AGW208-2-29	AGW208-4-49	AGW208-6-80	AGW209-2-30	AGW209-5-60	AGW209-6-80	AGW210-2-30	AGW210-5-60	AGW210-6-80	AGW211-2-30	AGW211-5-60	AGW211-6-80
Zone:	Int.	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep	Shallow	Int.	Deep
SDG:	1456610	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950	1456950
Lab ID:	7380803	7382330	7382331	7382332	7382333	7382334	7382335	7382336	7382337	7382338	7382339	7382340	7382341	7382342	7382343	7382344
Sample Date:	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014
VOLATILES (µg/L)																
Method SW8260C																
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	**0.2**	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	**2.9**	**2.1**	**0.9**	**4.7**	**1.1**	**0.7**	0.2 U	**1.6**	**0.9**	0.2 U	**1.2**	**0.4**	0.2 U	**0.7**	**0.2**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**0.6**	**8.4**	**7.5**	**6.9**	**4.7**	**5.0**	**6.4**	0.2 U	**2.4**	**6.5**	0.2 U	**2.5**	**5.5**	0.2 U	**5.7**	**4.1**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	**1.1**	0.2 U	0.2 U	**2.5**	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																
Method 8260C SIM																
Tetrachloroethene	**0.21**	**0.030**	**0.047**	**0.058**	0.020 U	**0.049**	**0.066**	0.020 U	0.020 U	**0.053**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Vinyl Chloride	0.020 U	**0.16**	**0.062**	**0.025**	**1.2**	0.020 U	0.020 U	**2.8**	**0.71**	**0.020**	0.020 U	**0.069**	0.020 U	0.020 U	0.020 U	0.020 U

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW212-2-30	AGW212-5-60	AGW212-7-100	AGW213	AGW214	AGW215	AGW216	AGW217	AGW218	Dup of AGW218 AGW901	AGW219	AGW220	AGW221	AGW222	AGW223	AGW224	AGW225	AGW226	AGW227
Zone:	Shallow	Int.	Deep	Deep	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Deep	Shallow	Water Table	Water Table	Int.
SDG:	1457389	1457389	1457389	1456951	1456951	1456951	1456951	1456951	1456951	1456951	1456951	1456951	1456951	1456610	1456610	1457705	1457705	1457705	1457703
Lab ID:	7384263	7384264	7384265	7382347	7382355	7382351	7382352	7382357	7382346	7382345	7382356	7382350	7382354	7380808	7380805	7385555	7385563	7385566	7385541
Sample Date:	3/4/2014	3/4/2014	3/4/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/3/2014	3/5/2014	3/5/2014	3/5/2014	3/5/2014
VOLATILES (µg/L)																			
Method SW8260C																			
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	0.2 U	**0.3**	**0.5**	**0.5**	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	**6.4**	**3.6**	**2.7**
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.7**	**0.5**	**0.4**
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.5**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	**2.2**	**4.7**	0.2 U	**3.4**	0.2 U	**1.2**	**2.1**	**4.3**	**4.4**	0.2 U	**0.5**	0.2 U	**0.6**	0.2 U	0.2 U	**2.1**	**4.6**	**2.8**
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**	**0.6**	**0.3**
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)																			
Method 8260C SIM																			
Tetrachloroethene	0.020 U	**0.041**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.41**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Vinyl Chloride	0.020 U	0.020 U	0.020 U	**0.028**	**0.021**	0.020 U	0.020 U	**0.022**	**0.023**	**0.024**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.54**	**0.61**	**0.34**

TABLE 4-2
GROUNDWATER SAMPLING EVENT RESULTS - REVISED JUNE 2014
1st QUARTER 2014
BOEING AUBURN

Sample ID:	AGW228	AGW229	AGW230	AGW231	AGW232	AGW233	AGW234	AGW235-2-19	AGW900	AGW235-4-39	AGW235-7-71	AGW236	AGW237	AGW238	AGW239
Zone:	Shallow	Water Table	Deep	Shallow	Shallow	Deep	Deep	Shallow	Shallow	Int.	Deep	Shallow	Deep	Int.	Shallow
SDG:	1457703	1457703	1457704	1457391	1457391	1457705	1457758	1457758	1457758	1457758	1457758	1457388	1457391	1457391	1457391
Lab ID:	7385540	7385539	7385551	7384286	7384289	7385559	7385797	7385793	7385794	7385796	7385795	7384257	7384280	7384279	7384278
Sample Date:	3/5/2014	3/5/2014	3/5/2014	3/4/2014	3/4/2014	3/5/2014	3/6/2014	3/6/2014	3/6/2014	3/6/2014	3/6/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014
Dup of AGW235-2-19															
VOLATILES (µg/L)															
Method SW8260C															
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	0.5 U	0.5 U	**0.8**	**0.8**	0.5 U	0.5 U	0.5 U	**0.7**	0.5 U	**0.7**
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	**0.4**	0.2 U	**0.4**	**0.4**	**0.4**	**0.4**	0.2 U	**0.2**	**1.1**	0.2 U	**0.4**
cis-1,2-Dichloroethene	**3.0**	**2.4**	0.2 U	**2.1**	**4.8**	0.2 U	**2.0**	**3.7**	**3.8**	**6.2**	0.2 U	**2.5**	**1.1**	0.2 U	**11**
trans-1,2-Dichloroethene	**0.4**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.6**
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	**2.6**	**1.8**	**1.4**	**1.4**	0.2 U	0.2 U	**6.9**	0.2 U	0.2 U	**5.6**	0.2 U	**8.7**	**3.8**	0.2 U	0.2 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	**0.3**	0.2 U	0.2 U	**2.7**	**0.9**	0.2 U	0.2 U	**0.8**	**0.8**	0.2 U	0.2 U	0.2 U	0.2 U	**1.2**	
m,p-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILES (µg/L)															
Method 8260C SIM															
Tetrachloroethene	0.020 U	**0.038**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	**0.035**	0.020 U	0.020 U
Vinyl Chloride	**0.34**	**0.045**	0.020 U	**2.7**	**0.94**	0.020 U	**0.077**	**0.72**	**0.71**	**0.15**	0.020 U	**0.074**	**0.052**	0.020 U	**1.2**

Bold = Detected compound.
J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
U = Indicates the compound was undetected at the reported concentration.
UJ = The analyte was not detected in the sample; the reported sample reporting limit is an estimate.