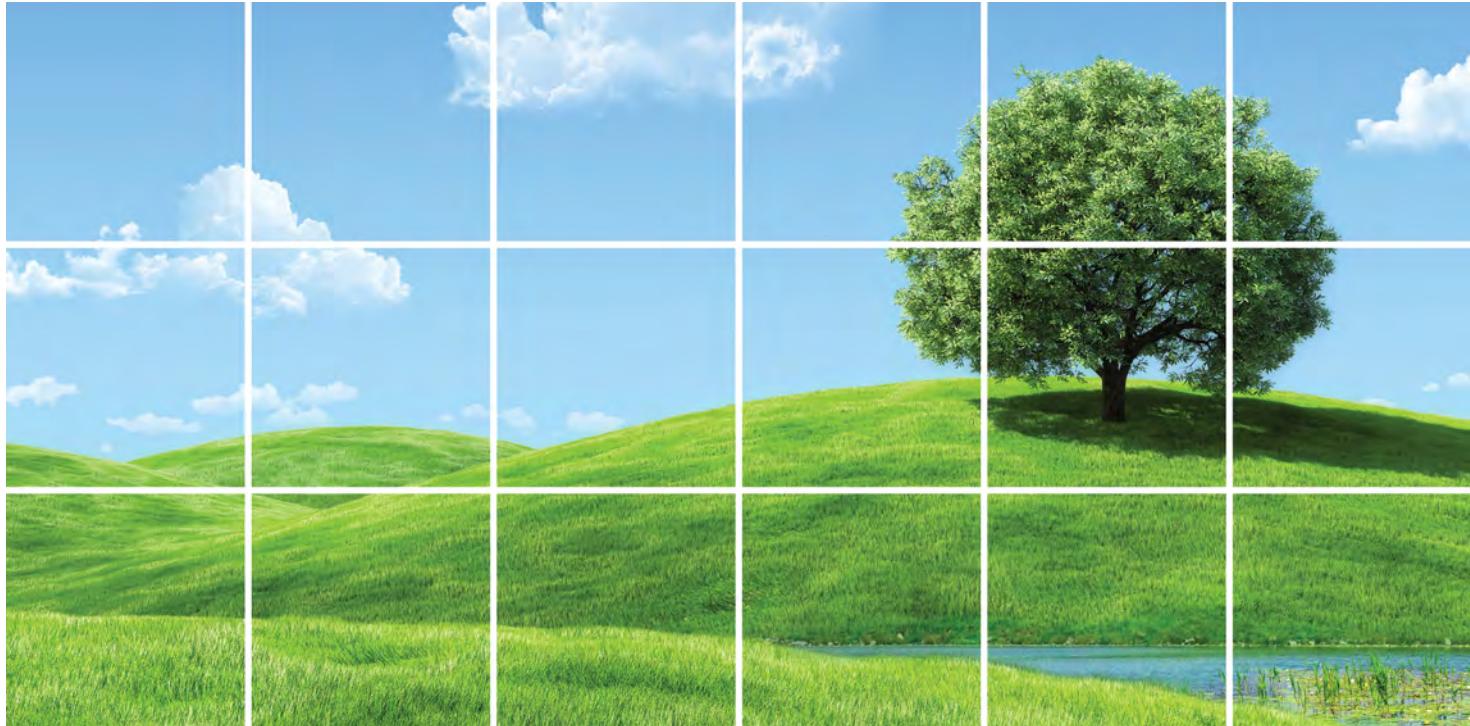


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RFI ADDENDUM 3 GROUNDWATER INVESTIGATION UPDATE

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ATTICA, INDIANA

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1.0 INTRODUCTION

1.1 BACKGROUND

The former Radio Materials Corporation (RMC) manufacturing facility (United States Environmental Protection Agency [U.S. EPA] identification number IND005477021) is located in west-central Indiana at 1095 East Summit Street in the eastern portion of the City of Attica, in Fountain County, Indiana (Site) Section 5, Township 21 North, Range 7 West (Figure 1.1). In 1947, Mr. Joseph Riley, Sr. purchased the Site and, in 1948, began the manufacture of television tubes and ceramic capacitors in the main plant (located south of Summit Street) (Description of Current Conditions Report [DOCC], 1999). P.R. Mallory Company, Inc. purchased RMC in 1957 and owned the company and facility until 1978. The Riley family then repurchased the facility in 1978 and continued to manufacture ceramic capacitors. Currently, there are no active manufacturing operations at the Site. The Site buildings, including the main building, are used for general storage of equipment and supplies. Office space in the main building is in use by the Site owner, Mr. Joseph Riley, Jr.

U.S. EPA Region 5 entered into a Resource Conservation and Recovery Act (RCRA) 3008(h) Consent Order No. IND 005 477 021 with RMC, which requires the investigation and remediation of various areas of the RMC property. Figure 1.2 depicts the location of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) identified at the RMC facility. An extensive, multi-phase and multi-media RCRA Facility Investigation (RFI) has been completed at the Site and surrounding area. Additionally, a number of Interim Corrective Action Measures (ICMs) have been implemented to address soil and groundwater impacts, and residential vapor intrusion (VI).

Numerous overburden monitoring wells, bedrock monitoring wells, and piezometers have been installed and monitored frequently to determine hydrogeological conditions at the Site. Groundwater quality monitoring results indicate that the primary analytes detected in groundwater consist of the chlorinated volatile organic compounds (cVOCs) tetrachloroethene (PCE) and trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), and to a more limited extent, vinyl chloride. On-Site potential source areas have been addressed by implementing several Interim Corrective Measures (ICMs) including targeted excavation and off-Site disposal, in-situ chemical oxidation, and soil vapor extraction (SVE).

Two dissolved phase groundwater plumes (the southern plume and the northern plume) are present on the Site and extend from on-Site source areas towards the northwest. The southern groundwater plume emanates from SWMU 5 and SWMU 11 and is being addressed by ICMs including source treatment using SVE, on-Site

overburden and bedrock groundwater extraction wells installed (and operating) downgradient from the main plant area south of Summit Street, and a groundwater air sparge/soil vapor extraction (AS/SVE) remedial trench installed to the north of Summit Street. The ICMs implemented to date have resulted in significant reductions in on-Site cVOC concentrations in soil and groundwater as well as reductions in contaminant migration. The northern groundwater plume emanates from SWMUs 1 and 2 and extends beneath undeveloped lands and agricultural fields and the source is being addressed through SVE.

1.2 PURPOSE

Conestoga-Rovers & Associates (CRA) developed a three-dimensional (3D) groundwater flow and contaminant transport model for the Site, which was submitted to the U.S. EPA in the report entitled "*Hydrogeologic Modeling Report, Remediation of the Radio Materials Corporation Site, Attica, Indiana*" (CRA, April 2012). CRA developed the groundwater flow model to represent the existing hydrologic, geologic, and hydrogeologic conditions observed at the Site and surrounding area. CRA used this groundwater flow model to conduct contaminant transport simulations to predict the future behavior of PCE and TCE in groundwater under the influence of the groundwater ICMs implemented at the Site.

Since the submittal of the Hydrogeologic Modeling Report, additional groundwater data has been obtained and various documents submitted to the U.S. EPA to address the groundwater-related topics in U.S. EPA's letter dated November 1, 2012. The purpose of this RFI Addendum 3 is to update the groundwater data compiled since the submittal of the Hydrogeologic Modeling Report and consolidate information submitted to the U.S. EPA in response to the November 1, 2012 letter.

2.0 SUMMARY OF HYDROLOGIC, GEOLOGIC, AND HYDROGEOLOGIC CONDITIONS

By way of background, this section briefly summarizes the geologic and hydrogeologic conditions at the Site. Detailed descriptions of the regional and Site hydrologic, geologic, and hydrogeologic conditions are presented in the *Phase IIB RCRA Facility Investigation Report* (Phase IIB RFI) (CRA, May 2010) and the *Hydrogeologic Modeling Report* (CRA, April 2012).

2.1 PHYSIOGRAPHY

The Site is located within the Middle Wabash River Basin, which occupies 3,453 square miles within west central Indiana. The Wabash River is located approximately 3,500 feet northwest of the Site. This section of the Wabash River flows northeast to southwest until it reaches the "Great Bend", where it turns southward. The Wabash River valley can be up to 3 miles wide and serves as a dominant physiographic feature in the area of the Site.

2.2 TOPOGRAPHY

The Site is located on fairly level ground at the edge of the Wabash River basin on a local topographic high. The highest topography at the Site occurs near the intersection of East Summit Street and Avenue 6 where ground elevations approach 670 feet above mean sea level (amsl). The immediate area located around the main plant building at the Site is rather flat with only slight sloping to the south. The sloping to the south increases gently beyond the Site toward an intermittent stream in Ravine Park (at an approximate elevation of 650 feet amsl). A steeper slope occurs to the west and northwest of the Site toward the Wabash River where ground surface elevations are in the range of 500 to 510 feet amsl. The ground surface drops most steeply west of the Site along East Summit Street between Kentucky and Hollowy Streets.

2.3 SURFACE WATER FEATURES

The most significant surface water body in the area of the Site is the Wabash River, which is located over 4,000 feet northwest of the main plant building (3,500 feet northwest of the Site boundary). The Wabash River channel follows a pre-glacial buried valley, and its surface water flows from northeast to southwest. This paleochannel is now composed of approximately 150 feet of sand/gravel valley train and outwash plain

deposits resulting from continental glaciations. The Wabash River serves as the primary point of regional groundwater discharge in the area.

Riley Lake and the Ravine Creek are also surface water features in the Site vicinity. Ravine Creek is a minor intermittent surface water stream running toward the Wabash River located 1,000 feet south of the main plant in Ravine Park. It is normally dry with groundwater elevations below the bottom of the streambed, indicating that this stream does not have any significant hydraulic impact on groundwater in the Site vicinity. Riley Lake is an on-Site approximately 1.8-acre manmade pond located 300 feet west-northwest of the main plant. Reportedly, the bottom of Riley Lake consists of compacted clay materials, which are relatively impermeable, limiting the hydraulic connection between the lake and groundwater in the area.

2.4 GEOLOGIC CONDITIONS

The geology of the Site vicinity consists of unconsolidated glacial deposits overlying clastic and carbonate bedrock units. The unconsolidated glacial deposits include subglacial till deposits (Wedron Formation) and coarse clastic (cobbles to sand) outwash fans, deposited mainly in the boundaries of the Wabash River channel, to fine-grained (predominantly clay and silt) non-contact lacustrine deposits located in tributary areas upstream. Bedrock, which is composed of a combination of clastic (shale and sandstone) and carbonate rock (such as limestone), dips to the southwest and is generally weathered in the upper 50 feet.

2.4.1 OVERBURDEN GEOLOGY

Regional Overburden Geology

The Middle Wabash River Basin has a broadly curving reach with a thickness of Pleistocene glacial deposits ranging from 0 feet (at bedrock outcrops) to 350 feet within buried river valleys near Lafayette. In the northern part of the Middle Wabash River Basin, sand and gravel were deposited as outwash and ice-marginal stratified drift. Many of the sand and gravel units (some of which have been correlated for up to 18 miles) are confined by non-aquifer, fine-grained materials such as tills. Holocene alluvium and colluvium occur within the Wabash River valleys and its tributaries. Wind-blown silt (loess) and sand dune (outwash-derived) deposits are present in the central and southern parts of the basin.

Site Overburden Geology

The depth to bedrock varies from less than 10 feet below ground surface (bgs) in the main plant area of the Site to 150 feet bgs approaching the Wabash River. The thickness of the unconsolidated overburden deposits relates to the regional topography and bedrock topography.

In the RMC plant area, the typical lithologic profile for unconsolidated deposits in the vicinity of SWMUs 1 and 2 (north of Summit Street) consists of a native silt layer ranging in thickness from less than 1 foot to several feet, underlain by a fine- to medium-grained sand, which in turn, overlies bedrock. The typical lithologic profile for SWMU 5 and SWMU 11/AOC 2 consists of alternating cohesive and granular units that overlie shale bedrock. In general, the upper 20 to 30 feet consists primarily of silt with interbedded sand and occasional clay. Below a depth of 30 feet bgs is a relatively thick, poorly-graded sand unit that becomes coarser with depth. The poorly-graded sand unit extends to bedrock, and bedrock is generally encountered at approximately 60 feet bgs.

The overburden deposits thicken substantially west and northwest of the Site towards the Wabash River, where overburden deposits approach 150 feet in thickness. This is the result of alluvial deposits associated with the Wabash River filling the buried bedrock valley. The top of bedrock elevation decreases rapidly from approximately 580 feet amsl at BW-07 and OB-36 to approximately 400 feet amsl at OB-43D and OB-45D (located less than 1,500 feet to the northwest of BW-07 and OB-36). The overburden to the west and northwest of the Site consists of alternating, relatively thick deposits of silt, clay, and sand that tend to consist of coarser granular deposits near the bottom of the deposit.

2.4.2 BEDROCK GEOLOGY

Regional Bedrock Geology

The Site lies above the contact between Pennsylvanian and the Mississippian age bedrock units. The Pennsylvanian age bedrock of the Raccoon Creek and Carbondale Groups consists of complexly interbedded shale and sandstone with thin beds of limestone and coal. The Mississippian age bedrock of the Borden Group consists of siltstone and shale with minor sandstone and discontinuous limestone. The combined thickness of these units exceeds 1,300 feet.

The bedrock surface underlying the unconsolidated materials was carved by glaciers and partially by an east-west paleodrainage system that converges into a trunk system

in the area of Lafayette (Teays-Mohomet bedrock valley or Lafayette Bedrock Valley System).

Site Bedrock Geology

The depth at which bedrock was encountered at the Site ranged from less than 10 feet bgs to approximately 60 feet bgs. On Site, the depth to bedrock was primarily dependent on the regional topography. The depth to bedrock increases substantially between the Site and the Wabash River. The top of the bedrock exhibits an erosional surface.

The slope of the bedrock surface is relatively gentle south of Summit Street. However, the slope of the bedrock surface becomes significantly steeper west and northwest of the Site due to the presence of the buried bedrock valley associated with the Wabash River (known as the Attica Trough). For example, there is the rapid drop in bedrock elevation between monitoring wells BW-20 (bedrock surface elevation of approximately 520 feet amsl) to monitoring well OB-44 (bedrock elevation approximately 420 feet amsl), an elevation decrease of approximately 100 feet over a horizontal distance of just over 900 feet.

A distinct thinly laminated black/dark gray, heavily fractured fissile shale and fine-grained massive cross-bedded sandstone, which are part of the Pennsylvanian-age Raccoon Creek Group, were encountered in boreholes at the Site. Shale is more common than sandstone with small amounts of black fissile shale present. Where sandstone is present, it tends to be massive and cross-bedded.

The unconsolidated overburden deposits unconformably overlie an erosional surface on top of the Raccoon Creek Group shales and the Borden Group. There is also an age difference between the Pennsylvanian Raccoon Creek Group and the Mississippian Borden Group indicating an unconformity between them.

2.5 HYDROGEOLOGY

The background literature indicates that the Wabash River is a major regional discharge point for groundwater.¹ The groundwater flow data developed to date during the RMC Phase IIB RFI confirms this conclusion. Near the Site, groundwater flow in the

¹ Hydrogeologic Atlas of Aquifers in Indiana, U.S. Geological Survey Water Resources Investigation Report 92-4142, 1994.

overburden and shallow bedrock has been determined to be towards the west to northwest. The groundwater gradient is relatively flat at the Site south of Summit Street, coincident with the topographic high in the area of the Site. However, the groundwater gradient is relatively steep immediately west and northwest of the Site, to a distance of approximately one-third of a mile northwest of the Site. The steepening of the groundwater gradient occurs coincident with the occurrence of the east bank of the buried paleochannel known as the Attica Trough.

Closer to the Wabash River, the groundwater gradient flattens significantly in the buried paleochannel where the bedrock is deepest. The Wabash River follows a buried glacial valley composed of an approximately 150-feet thick sand and gravel unit where the City of Attica obtains its water supply. Groundwater flow in the area close to the Wabash River is generally towards the west; with the flow becoming southwest close to the Wabash River. The subparallel flow pattern close to the river is indicative of an aquifer that is in hydraulic communication with the river.

3.0 GROUNDWATER ANALYTICAL DATA

3.1 OVERVIEW

Groundwater sampling associated with the Phase IIB RFI commenced in October 2003. Tables 3.1 and 3.2 summarize the groundwater analytical data obtained in 2012 and 2013 for the overburden and bedrock groundwater, respectively. Phase IIB RFI groundwater analytical results indicate that the primary analytes detected above the RDCLs were several cVOCs including PCE, TCE, and cDCE, and to a more limited extent, vinyl chloride. The highest concentrations of total cVOCs (between approximately 1 and 5 milligrams per liter [mg/L]) were detected in overburden groundwater near and immediately downgradient of SWMU 5 (Southern Study Area) and SWMUs 1 and 2 (Northern Study Area), respectively.

Groundwater containing cVOCs at concentrations above the Indiana Department of Environmental Management's (IDEM's) Tap Water Screening Levels extends to the west-northwest of the Site. The use of IDEM's Tap Water Screening Levels is for reference only since a complete residential exposure pathway through ingestion of groundwater as drinking water does not exist at the Site as discussed in Section 4.1. The figures in Appendix A depict the areal distribution of dissolved-phase cVOCs in overburden and bedrock groundwater in 2010, prior to the implementation of groundwater ICMs. Figures A.1 through A.4 depict the areal distribution of dissolved-phased cVOCs in the overburden unit and Figures A.5 through A.8 depict the areal distribution of dissolved phased VOCs in the bedrock. Figures 3.1a and 3.1b depict the concentrations of selected cVOCs in the overburden unit and Figure 3.2 depicts the concentrations of selected cVOCs in the bedrock unit during the most recent 2012 and 2013 monitoring events.

Based on the analytical data obtained during two Phase IIB RFI groundwater monitoring events, semivolatile organic compounds (SVOCs) are not analytes of concern in the overburden groundwater at the Site. SVOC analytical data were provided in the Phase IIB RFI Report (CRA 2010).

In an electronic mail transmittal dated April 10, 2012, the U.S. EPA requested that monitoring wells OB-1, OB-2, OB-4, OB-6, OB-7, OB-8, OB-10, OB-12, OB-15, BW-06, and piezometer PZ-06 be sampled for selected metals found to exceed the then applicable IDEM Residential Default Closure Levels (RDCLs) during earlier Phase IIB RFI During Spring 2012, these groundwater samples were collected, except at three monitoring wells, OB-2, OB-7, and OB-12, which could not be sampled by low-flow sampling techniques. The groundwater analytical results demonstrated that the concentrations of metals in groundwater were below both the IDEM Tap Water Screening Levels and the

U.S. EPA maximum contaminant levels (MCLs) as documented in Monitoring Report 17 submitted to the U.S. EPA on August 14, 2012. Therefore, metals are not analytes of concern in the overburden at the Site.

3.2 SOUTHERN STUDY AREA

In the Southern Study Area, groundwater cVOC impacts, primarily consisting of dissolved PCE, TCE, and cDCE, appear to be originating primarily from SWMU 5, where the highest cVOC groundwater concentrations were observed in the overburden monitoring wells. The overburden groundwater cVOC plume in the Southern Study Area extends towards the west-northwest. TCE concentrations in the monitoring wells located farthest downgradient (OB-49 through OB-53) range from 0.11 µg/L at OB-49 to 25 µg/L at OB-50. In this farthest downgradient reach, non-Site related sources of cVOCs may be present.

The bedrock groundwater downgradient of SWMU 5 does not exhibit the same magnitude of cVOC concentrations as was observed in the overburden groundwater. cDCE is the cVOC exhibiting the highest concentrations downgradient of SWMU 5 in bedrock groundwater comprising 70 percent or more of the total cVOC concentration. Additionally, vinyl chloride is detected more frequently and at higher concentrations in the bedrock groundwater than is detected in the overburden monitoring wells downgradient of SWMU 5. Farther downgradient at monitoring well BW-07, vinyl chloride comprises a larger percentage of the total cVOC concentration. These data indicate that the parent compounds (TCE and, to a lesser extent, PCE) are undergoing dechlorination with depth and distance downgradient of SWMU 5.

Farther downgradient, a buried bedrock valley is present (the Attica Trough). The trace of the top of the bedrock valley is shown in the figures in Appendix A. The elevation of the bedrock surface drops steeply west of this line as the buried bedrock valley is encountered. To the west of this line there are no bedrock wells because the bedrock elevation drops off quickly and the valley fill deposits thicken substantially. The buried bedrock valley feature can be seen in the cross-sections provided in Figures 3.3 and 3.4. Groundwater present in the bedrock at the buried valley wall is in hydraulic communication with the alluvial valley fill deposits. TCE is the primary cVOC detected in the alluvial valley fill deposits, with PCE and cDCE present in lower concentrations. Vinyl chloride is absent from the valley fill deposits.

3.3 NORTHERN STUDY AREA

In the Northern Study Area, an overburden groundwater cVOC plume extends towards the northwest from the SWMU 1 and 2 areas. The northern overburden cVOC plume is comprised primarily of dissolved PCE and TCE. Elevated concentrations of cVOCs were detected in proximity to the buried waste deposits formerly present in the SWMU 1 and 2 areas, and seem to be the primary contributor to dissolved cVOCs in the overburden groundwater in this area. The overburden is much thinner in this area (less than 20 feet thick) as compared to the Southern Study Area and the contact between overburden and bedrock is obscured by the presence of a loosely cemented weathered sandstone present to the southeast of monitoring well OB-30. Monitoring well OB-30 and some of the other shallow monitoring wells installed closer to SWMUs 1 and 2 are screened in the loosely cemented sandstone deposits as opposed to the unconsolidated overburden deposits.

The overburden cVOC plume extends towards the northwest, parallel to groundwater flow beneath an agricultural field and the former Riley Airport landing strip located to the northwest. PCE and TCE are present in the farthest downgradient overburden monitoring wells (OB-30 and OB-31). Groundwater is absent from the overburden and loosely cemented sandstone farther downgradient of OB-30. As shown in the cross-section in Figure 3.4, the sandstone unit pinches out to the northwest of OB-30 and the underlying shale and siltstone unit is present beneath the overburden. Also, to the northwest of OB-30, the bedrock elevations drop as the buried bedrock valley associated with the Attica Trough is encountered. To the northwest of OB-30, no overburden monitoring wells are present because, as shown by the location of the water-table interface in Figure 3.4, there is no groundwater present in the overburden in this area.

PCE and TCE concentrations in bedrock are highest at the bedrock monitoring wells located closest to SWMUs 1 and 2 (BW-05 and BW-09). The concentrations of VOCs dissipate rapidly with distance from SWMUs 1 and 2. The compound cDCE forms approximately 70 percent of the total cVOC concentrations in the bedrock groundwater samples in this area. These data indicate that the parent compounds (TCE and PCE) are undergoing reductive dechlorination with depth and distance downgradient of SWMUs 1 and 2.

Data supporting this observation include oxidation-reduction potential (ORP) and dissolved oxygen (DO) readings obtained in the field during groundwater monitoring that demonstrate reducing conditions that are highly favorable for reductive dechlorination (low concentrations of DO [less than 1 mg/L] and negative ORP [generally less than -50 millivolts]) at these locations. Dissolved gases data were obtained from bedrock wells BW-04 and BW-05 during the RFI. Dissolved methane was

detected in the groundwater sample collected from each well at concentrations exceeding 1.6 µg/L and dissolved ethane was detected at BW-04 at a concentration of 1.3J µg/L. Both of these dissolved gases indicate strongly reducing conditions, which are favorable for reductive dechlorination, and are the ultimate reductive end products of PCE and TCE degradation. Additionally, the observed chloride concentrations in these two monitoring wells (over 12 mg/L) is approximately three times the chloride concentration observed in the background bedrock well BW-08 (4.1 mg/L). Chloride also is a reductive end product of PCE and TCE degradation and its elevated concentration downgradient of SWMUs 1 and 2 is further evidence of reductive dechlorination in the bedrock unit because chloride also is a reductive end product of PCE and TCE degradation.

The northern plume does not extend to the Wabash River as VOCs are not detected at concentrations above the IDEM RCLs or MCLs in the groundwater samples from monitoring wells installed downgradient of monitoring wells OB-30 and the OB-31/BW 03 cluster, which is likely due to reductive dechlorination as discussed above.

3.4 GROUNDWATER DATA EVALUATION

In order to examine plume stability and effectiveness of the ICMs, the Mann-Kendall trend test was used to examine concentration trends in the analytical data set at a number of key wells located within and around the northern and southern groundwater cVOC plumes. Generally, the criteria used to select wells for trend testing included locations with a robust dataset (i.e., wells sampled regularly through the RFI to allow meaningful trend evaluation), detections of cVOCs (PCE, TCE, cDCE, and vinyl chloride), and wells at strategic locations within the cVOC plumes (i.e., near source, downgradient, and plume margins). All the available RFI groundwater analytical data were used in the trend tests at each location. The Mann-Kendall trend test results are summarized on Table 3.3. Supplemental trends also were run at selected locations as noted in the discussions below.

3.4.1 NORTHERN STUDY AREA

3.4.1.1 OVERBURDEN

Groundwater analytical results for PCE, TCE, cDCE, and vinyl chloride at overburden monitoring wells OB-19, OB-25, OB-28, OB-30, OB-31, and OB-38 were evaluated using the Mann-Kendall trend test. These well locations are representative of source-area

(OB-19 and OB-25) and downgradient wells (OB-28, OB-30, OB-31, and OB-38) with robust datasets. The results for all analytes indicate a downward trend or no trend identified demonstrating that the northern overburden plume is stable and the soil ICMs implemented in SWMUs 1 and 2 are effective at reducing cVOC leaching to the groundwater.

3.4.1.2 BEDROCK

Groundwater analytical results for bedrock monitoring wells BW-03, BW-05, BW-09, BW-15, BW-16, and BW-18 were evaluated using the Mann-Kendall trend test. These well locations are representative of source-area (BW-05 and BW-09) and downgradient wells at the plume margin (BW-15, BW-16, and BW-18) with robust datasets. With the exception of vinyl chloride at BW-05 and BW-09, the results for all analytes indicate either no trend identified or a downward trend.

Although Mann-Kendall testing of data from 2003 to 2013 shows an upward concentration trend for vinyl chloride in monitoring well BW-09, trend testing of recent data (2008 to 2013) shows a downward trend for vinyl chloride at BW-09. The presence of vinyl chloride is not unexpected given that concentrations of PCE and TCE at these locations have decreased steadily since the start of the RFI. Increasing concentrations of vinyl chloride are indicative of dechlorination of PCE and TCE.

There is no upward trend in vinyl chloride in the bedrock monitoring wells downgradient of BW-05 and no expansion of the footprint of the northern groundwater cVOC plume in the bedrock.

3.4.2 SOUTHERN STUDY AREA

3.4.2.1 OVERBURDEN

Groundwater analytical results for overburden monitoring wells OB-02, OB-06, OB-08, OB-09, OB-32, OB-34, OB-36, OB-37, OB-43D, OB-45S and OB-45D were evaluated using the Mann-Kendall trend test. These well locations were selected due to their proximity to on-Site SWMUs (OB-02, OB-06, OB-08, and OB-09), proximity to the groundwater ICMs (OB-32, OB-36, and OB-37), and farther downgradient wells (OB-43D, OB-45S and OB-45D). A downward trend or no trend was identified for analytes detected at downgradient monitoring wells OB-02, OB-08, OB-32, OB-34, OB-36, OB-43D, and OB-45D. No trend was identified for cDCE, PCE or TCE in groundwater from monitoring well OB-06 near the main plant in the full data set. However, the

groundwater analytical data at OB-06 in the 2008 to the present data set demonstrates a downward trend for PCE, TCE, and cDCE and no trend for vinyl chloride.

Downward concentration trends noted near the SWMUs at OB-02 and OB-06 demonstrate that the soil ICMs implemented in SWMUs 5 and 11 are effective at substantially reducing leaching of cVOCs to the groundwater. Additionally, downward concentration trends for PCE and TCE are noted at the set of near-downgradient monitoring wells (OB-32, OB-36, and OB-37) located within and adjacent to the residential area northwest of the Site. These wells are downgradient of the groundwater ICMs and exhibit downward trends in the PCE and TCE analytical data, particularly since late-2011, suggesting the groundwater ICMs are effective. While cDCE and vinyl chloride both exhibit upward trends at OB-37, the concentrations of both these analytes are well below 1 µg/L.

Over the time period of 2001 to 2013, an upward concentration trend was identified for the daughter product vinyl chloride in groundwater samples collected from monitoring well OB-06. Mann-Kendall analysis was performed on data from 2008 to 2013 to identify more recent vinyl chloride concentration trends. No statistically significant vinyl chloride concentration trend was detected for the period 2008 to 2013 at OB-06. PCE, TCE, and cDCE exhibit a downward trend in the 2008 to 2013 data set at OB-06 indicating the plume is stable.

3.4.2.2 BEDROCK

Groundwater analytical results for bedrock monitoring wells BW-02, BW-07, BW-11, and BW-14 were evaluated using the Mann-Kendall trend test. These locations represent near-source wells (BW-02 and BW-11) and locations farther downgradient (BW-07 and BW-14).

A downward trend was identified for all analytes at BW-11 and BW-14. Since 2003, an upward trend was noted for TCE at BW-02, which is located close to SWMU 5. Mann-Kendall analysis was performed on data from 2008 to 2013 to identify recent TCE concentration trends. No statistically significant TCE concentration trend was detected for the period 2009 to 2013. The results of the trend testing indicate that the southern bedrock plume is stable.

4.0 **POTENTIAL GROUNDWATER EXPOSURE ROUTES**

4.1 **POTENTIAL POTABLE WATER EXPOSURE**

Although groundwater contains certain cVOCs above IDEM's Tap Water Screening Levels and U.S. EPA's MCLs, there is no exposure to these cVOCs in the groundwater. With the exception of two water supply wells operated by the City of Attica, there are no known water supply wells operating within the cVOC plumes identified at the Site. The City of Attica's water supply originates from Wells No. 1 and No. 2 located adjacent to the Wabash River, approximately 4,000 feet downgradient of the Site. A third well, Well No. 3, was vandalized in the late-1990s and has not been in service since. The City has no current plans to place Well No. 3 back into service.

Historically, low-level detections of TCE were detected in the City's water supply. To address this situation, the document entitled *City Water Treatment System Interim Corrective Measures Work Plan* (CRA, September 25, 2008) was submitted to and approved by the U.S. EPA. The purpose and objective of the City Water Treatment System is to treat the water extracted from City Wells No. 1 and No. 2 for TCE to levels below the MCL and IDEM's Tap Water Screening Level. The City Water Treatment System consists of an air stripper and associated components with a building to house them. Construction of the City Water Treatment System commenced in July 2009 and was substantially completed in December 2009. Start-up activities were conducted in December 2009 and January 2010. The treatment system was placed in service on January 29, 2010. The City of Attica collected a potable water sample on February 9, 2010, and no cVOCs were detected in this water sample. CVOCs have been reported as non-detect in water supply samples in every subsequent monitoring event since February 2010.

Two former on-Site RMC production wells were closed voluntarily in April 2011. A licensed well driller properly abandoned the on-Site production wells. Residents formerly connected to the former on-Site potable water wells were connected to the City of Attica's public water distribution system.

The City of Attica passed a restrictive groundwater use ordinance (No. 2-2013) that prohibits the installation and use of new water supply wells (groundwater for human consumption or any other use except groundwater monitoring and remediation) within the City limits. Appendix B includes a copy of the City's restrictive groundwater ordinance.

Due to the lack of potable water wells, the restrictive groundwater ordinance passed by the City of Attica, and the construction and operation of the City Water Treatment

System ICM, there is no ingestion exposure to groundwater containing cVOCs of concern above health-based limits. Potential human exposure to cVOC in groundwater via the vapor intrusion pathway is addressed in RFI Addendum 2.

4.2 GROUNDWATER DISCHARGE TO THE WABASH RIVER

The Wabash River is a major regional discharge feature for groundwater and is located approximately 4,000 feet northwest (downgradient) of the Main Site Building. The southern groundwater cVOC plume, comprised primarily TCE, extends west-northwest from the Site towards the Wabash River. However, TCE is the only compound detected in the groundwater samples collected from monitoring wells located closest to the Wabash River (specifically, OB-49 through OB-53). These monitoring wells and the City of Attica's supply wells Nos. 1 and 2 located near Water and Mill Streets, are screened in the same alluvial overburden hydrostratigraphic unit.

Downgradient of the RMC Site, there is a potential for multiple sources of these detected cVOCs in groundwater. Potential off-Site sources of TCE to the groundwater unrelated to the RMC Site in and around Attica were not investigated as part of the RMC RFI. Therefore, while the former RMC facility may be one potential source for TCE, it is unclear what, if any of the downgradient TCE concentrations are attributable to RMC as opposed to other off-Site sources. Given the ubiquitous nature of TCE as a groundwater contaminant, there is significant potential for there to be other thus far uninvestigated off-Site sources of TCE.

Regardless of the TCE source(s), CRA calculated the shallow groundwater flux to the Wabash River to assess the potential impact to the river from the discharge of groundwater containing TCE. Because the northern cVOC plume does not reach the Wabash River, there is no cVOC discharge to the river from this area. This evaluation included the discharge of groundwater in the sand and gravel alluvial overburden aquifer that fills the buried bedrock valley adjacent to the Wabash River.

According to well logs for the Attica Municipal Wells, the thickness of the alluvial deposits adjacent to the Wabash River is 125 feet. This is confirmed by the borings completed by CRA at OB-52 and OB-53. The depth to groundwater observed at the downgradient monitoring wells located closest to the Wabash River is approximately 30 feet below ground surface, resulting in a saturated thickness of approximately 95 feet.

CRA estimated alluvial groundwater discharge to the Wabash River by the using the following formula:

Equation 1:

$$Q = KiA$$

where:

- Q = the discharge to the Wabash River in cfs (ft^3/sec)
K = the hydraulic conductivity of the aquifer in feet per second (ft/sec)
i = the hydraulic gradient (dimensionless)
A = the cross-sectional area across which groundwater discharge occurs (ft^2)

CRA used the maximum estimated the hydraulic conductivity (K) of the alluvial water-bearing zone observed during the Phase IIB RFI of 2.0E-02 cm/s or 6.56E-04 ft/sec.

The hydraulic gradient (i) was estimated by using the change in hydraulic head between overburden well OB-52 to OB-53 (a distance of 400 feet) during the April 2012 monitoring round using the following formula:

Equation 2

$$i = \Delta h/L$$

where:

- Δh = change in hydraulic head between OB-51 and OB-52 (492.1 – 491.82)
L = 500 feet

The resulting hydraulic gradient (i) was 7E-04, indicating the groundwater gradient in this area is very flat, as evidenced during frequent monitoring rounds completed to date.

The cross-sectional area of the groundwater discharge to the Wabash River, 95,000 ft^2 , was determined based on a length of 1,000 feet along the Wabash River (see Figure 4.1) through which TCE potentially discharges to the river, which is very conservatively

estimated, multiplied by the saturated thickness of the alluvial water-bearing zone above bedrock (estimated to be approximately 95 feet based on water levels observed in the downgradient wells).

Substitution of variables into Equation 1 yields the equation and result below:

$$\begin{aligned} Q &= 6.56 \cdot 10^{-4} \text{ ft/sec} \cdot 7 \cdot 10^{-4} \cdot 95,000 \text{ ft}^2 \\ Q &= 0.044 \text{ cfs} \end{aligned}$$

This figure does not include adjustment for the considerable volume of groundwater extracted at the City of Attica's municipal wells, which generally is in the range of 500,000 gallons per day or 0.77 cfs and significantly exceeds the calculated groundwater flux to the Wabash River. This indicates that surface water recharge from the Wabash River is a significant component of the groundwater produced by the City's wells.

CRA evaluated the flow data for the Wabash River near Lafayette, Indiana available on the U.S. Geological Survey's National Water Information System website². The USGS reports that the lowest recorded monthly minimum average flow in the Wabash River near Lafayette between 1962 and 2011 was 652 cfs as summarized in Table 4.1.

Dividing the lowest-recorded monthly mean flow (652 cfs) by the alluvial water-bearing zone cross-sectional discharge rate (0.044 cfs) yields a dilution factor of nearly 15,000. The downgradient TCE concentration at OB-53 observed during groundwater monitoring was 12 µg/L, which was assumed to be uniform over the entire 1,000-foot discharge length and the entire saturated thickness of 125 feet.

Even using highly conservative assumptions that would overestimate the potential TCE discharge to the Wabash River (such as an exaggerated potential TCE discharge cross-sectional area, the highest hydraulic conductivity value observed, ignoring the effects of groundwater extraction in the area, and uniform downgradient TCE concentrations) the potential impact to the Wabash River from groundwater discharge is negligible. Thus groundwater discharge, if any, to the Wabash River is not impacting surface water above any TCE-related human health or ecological exposure levels. The potential ecological exposures were addressed in the *Baseline Ecological Risk Assessment* (CRA, February 14, 2013), which was approved by the U.S. EPA.

² <http://waterdata.usgs.gov/in/nwis/rt>

4.3 GROUNDWATER SEEPS

Groundwater seeps are known to exist on Riley-owned land in a limited area located north of Summit Street and northwest of Riley Lake. As shown in Figure 4.2, the topography in this area slopes steeply towards the northwest and the vertical elevation drops in excess of 50 feet (from an elevation of approximately 650 feet to an elevation of 600 feet) over a distance of only 500 feet. The area is not developed or used for crops due to the steep slopes and damp conditions, and is vegetated with trees and scrub-shrubs.

In its July 10, 2012 Technical Review letter of the 2010 Phase IIB RFI, the U.S. EPA requested that off-Site groundwater seeps be investigated as potential sources of human exposure to Site contaminants. These groundwater seeps on the hillside of the Riley residence, if present, would likely drain to one of two ditches that are located downhill to the northwest. These ditches are located next to residential properties and would be an exposure pathway to cVOC contaminants in surface water, if any. Since cVOCs are the only identified chemicals of concern in groundwater above a risk-based level, surface water samples were collected from these ditches and were submitted for cVOC analysis. The locations where surface water samples were collected are shown on Figure 4.3 and the analytical data is provided in Appendix C.

TCE was detected at an estimated concentration of 0.31 µg/L in the ditch water sample collected at the intersection of Derrick Street. This water enters a City of Attica stormwater culvert and is conveyed to the north. The stormwater daylights near a corn field north of North Street. Analytical results of the water sample collected from where the stormwater daylights did not have concentrations of cVOCs above the laboratory detection levels. The third sample was collected from a ditch located east of east end of North Street. Analytical results of water collected from this sample contained concentrations of cDCE of 0.69 µg/L, TCE of 1.1 µg/L and PCE of 1.8 µg/L. These detections are well below U.S. EPA MCLs and IDEM's 2009 RCLs. The groundwater seeps are not impacting these surface waters above any human health or ecological exposure levels. The potential ecological exposures were addressed in the *Baseline Ecological Risk Assessment* (CRA, February 14, 2013), which was approved by the U.S. EPA.

5.0 GROUNDWATER MODELING

CRA developed a groundwater flow and contaminant transport model for the Site. CRA submitted a report to the U.S. EPA summarizing the modeling entitled "*Hydrogeologic Modeling Report, Remediation of the Radio Materials Corporation Site, Attica, Indiana*" (CRA, April 2012). CRA developed the groundwater flow model to represent the existing hydrologic, geologic, and hydrogeologic conditions observed at the Site and surrounding area. The groundwater flow model includes contaminant transport simulations to predict the future behavior of PCE and TCE in groundwater under the influence of the groundwater ICMs implemented at the Site.

Specifically, the model was used to evaluate the performance of the groundwater ICMs based on:

1. The degree of hydraulic containment achieved by the groundwater ICMs
2. The estimated time for the downgradient portion of the groundwater plume within the vapor intrusion study area to the southwest of the Site to attenuate to concentrations protective of the vapor intrusion pathway

The groundwater flow model was calibrated under steady-state conditions to provide a reasonable match to groundwater elevations and groundwater flow directions observed at the Site during three sets of synoptic groundwater elevation monitoring events. The monitoring events consisted of: average groundwater flow conditions observed in May 2006, and high (i.e., wet) and low (i.e., dry) groundwater flow conditions observed in April 2008 and September 2008, respectively. The model calibration was further evaluated to ensure that the applied hydraulic conductivity distribution reasonably represented the transient drawdown and recovery observed during the pumping test performed at the on-Site bedrock well BW-14A.

CRA conducted particle tracking and contaminant transport simulations using the calibrated model to ensure that the model reasonably represented the groundwater flow directions demonstrated by the observed orientation of the downgradient groundwater plume, and reasonably matched the observed PCE and TCE groundwater plumes in terms of both extent and orientation. CRA incorporated the operation of groundwater ICMs along with the currently observed groundwater plumes into the calibrated groundwater flow and contaminant transport model, and CRA then used the model to predict the performance of the groundwater ICMs.

CRA conducted a particle tracking simulation to evaluate the degree that the groundwater extraction wells and groundwater remedial trench contain and/or

intercept the southern groundwater plume. The simulated particle tracking results demonstrate that the groundwater ICMs provide hydraulic containment of the bulk of the groundwater plume. While the particle tracking model represents a prediction of potential contaminant migration pathways, ongoing hydraulic monitoring and groundwater analytical data are being collected to evaluate the actual hydraulic containment achieved by the ICMs.

Presently, there are sufficient monitoring wells and piezometers located on the northern and southern margins of the southern cVOC plume to evaluate plume containment. The modeling indicates that the PCE and TCE plumes will dissipate to the MCLs downgradient of the groundwater ICMs over a period of 15 to 25 years. As discussed in Section 3.4.2.1, the recent cVOC groundwater analytical data at the near downgradient monitoring wells suggest that the groundwater ICMs are effective at containment of the cVOC plume.

The operation of the groundwater extraction wells associated with the groundwater ICMs began while developing the groundwater flow and contaminant transport model. Preliminary pumping rates at the majority of the extraction wells far exceed that applied in the hydraulic containment and contaminant transport evaluations conducted using the model. The increased pumping rates are expected to increase the degree of on-Site hydraulic containment. However, ongoing monitoring of groundwater quality will be necessary to evaluate the effect of the increased pumping rates.

Construction of the approved groundwater extraction and treatment ICM south of Summit Street began in early 2011 and the system was online in October 2011. The construction of the AS/SVE ICM north of Summit Street began in mid-2011 and the system was online in November 2011. However, optimization of the AS/SVE system required an additional two months to complete. Following the completion of the 2013 groundwater monitoring events, sufficient additional monitoring data should be available to allow a further evaluation of the predictions provided by the groundwater flow and contaminant transport model. An update of the model-predicted plume attenuation will be appropriate in mid-2014.

6.0 SUMMARY AND CONCLUSIONS

An extensive, multi-phase and multi-media RCRA Facility Investigation (RFI) has been completed at the Site and surrounding area. Numerous overburden monitoring wells, bedrock monitoring wells, and piezometers have been installed and monitored frequently to determine hydrogeological conditions at the Site. Groundwater quality monitoring results indicate that the primary analytes detected in groundwater consist of the cVOCs PCE, TCE, cDCE, and to a more limited extent, vinyl chloride. On-Site potential source areas have been addressed by implementing several ICMs including targeted excavation and off-Site disposal, in-situ chemical oxidation, and SVE.

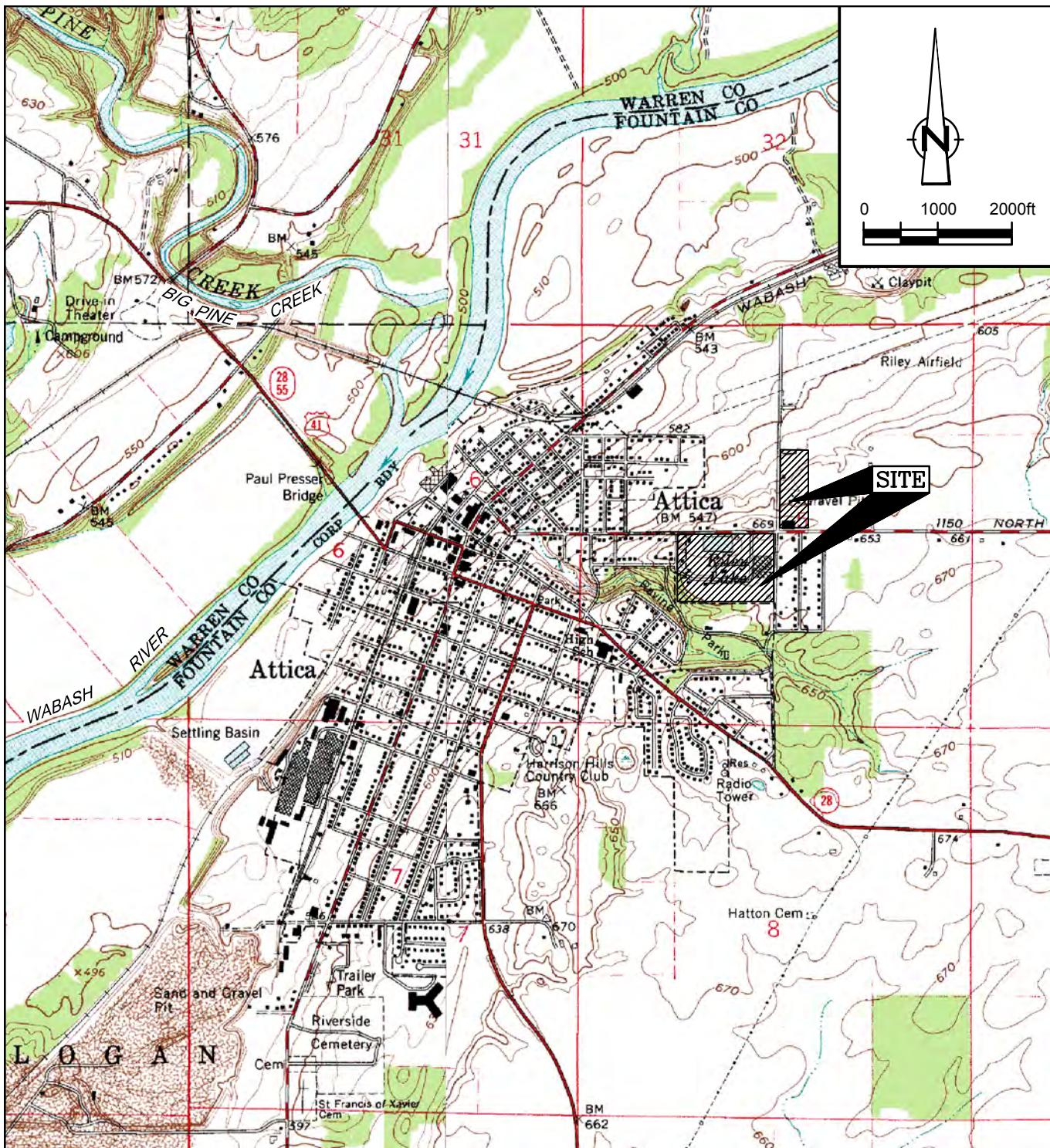
Geologic and hydrogeologic conditions at and near the Site have been characterized in detail and the groundwater analytical data have been evaluated extensively. Groundwater ICMs installed during the RFI included an extraction and treatment system and an AS/SVE system, which were designed to capture, contain, and treat impacted groundwater. CRA developed a groundwater model to represent the existing hydrologic, geologic, and hydrogeologic conditions observed at the Site and surrounding area to predict the future behavior of PCE and TCE in groundwater under the influence of the groundwater ICMs implemented at the Site. The modeling indicates that the PCE and TCE plumes will dissipate to the MCLs downgradient of the groundwater ICMs over a period of approximately 15 to 25 years. The recent cVOC groundwater analytical data at the near downgradient monitoring wells suggest that the groundwater ICMs are effective at containment of the cVOC plume.

Due to the lack of potable water wells, the restrictive groundwater ordinance passed by the City of Attica, and the construction and operation of the City Water Treatment System ICM, there is no ingestion exposure to groundwater containing cVOCs of concern above health-based limits. Potential human exposure to cVOCs in groundwater via the vapor intrusion pathway is addressed in RFI Addendum 2.

With regard to surface water, the groundwater seeps northwest of Riley Lake are not impacting surface water downslope of the seeps above any IDEM or U.S. EPA above any human health or ecological exposure levels. With respect to the potential for discharge of TCE-containing groundwater to the Wabash River, even using highly conservative assumptions that would overestimate the potential TCE discharge to the Wabash River, the potential impact to the Wabash River from groundwater discharge is negligible. Thus groundwater discharge, if any, to the Wabash River is not impacting surface water above any TCE-related human health or ecological exposure levels. The potential ecological exposures in surface water were addressed in the *Baseline Ecological Risk Assessment* (CRA, February 14, 2013), which was approved by the U.S. EPA.

Groundwater monitoring is ongoing and following the completion of the 2013 groundwater monitoring events, sufficient additional monitoring data will be available to allow a further evaluation of the predictions provided by the groundwater flow and contaminant transport model. An update of the model-predicted plume attenuation will be appropriate in mid-2014.

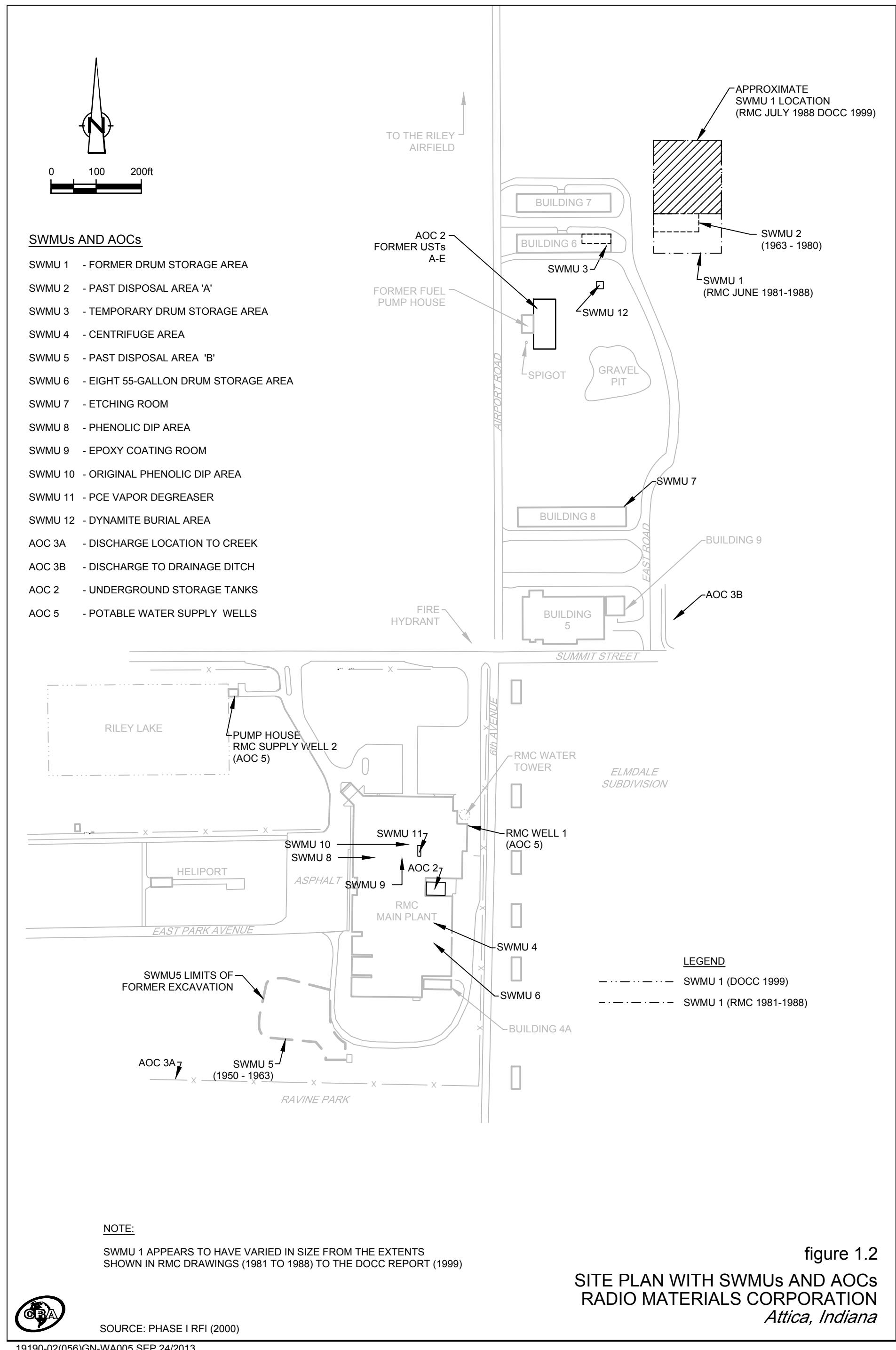
FIGURES

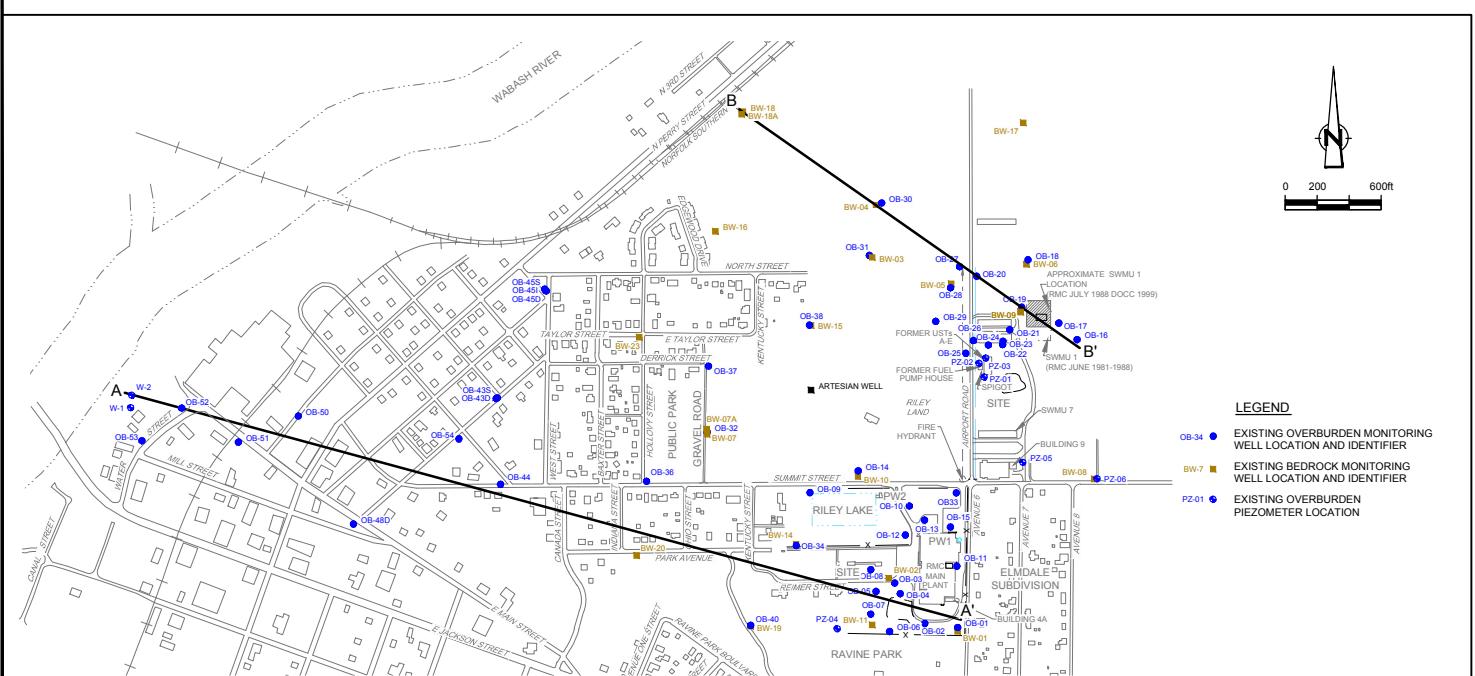
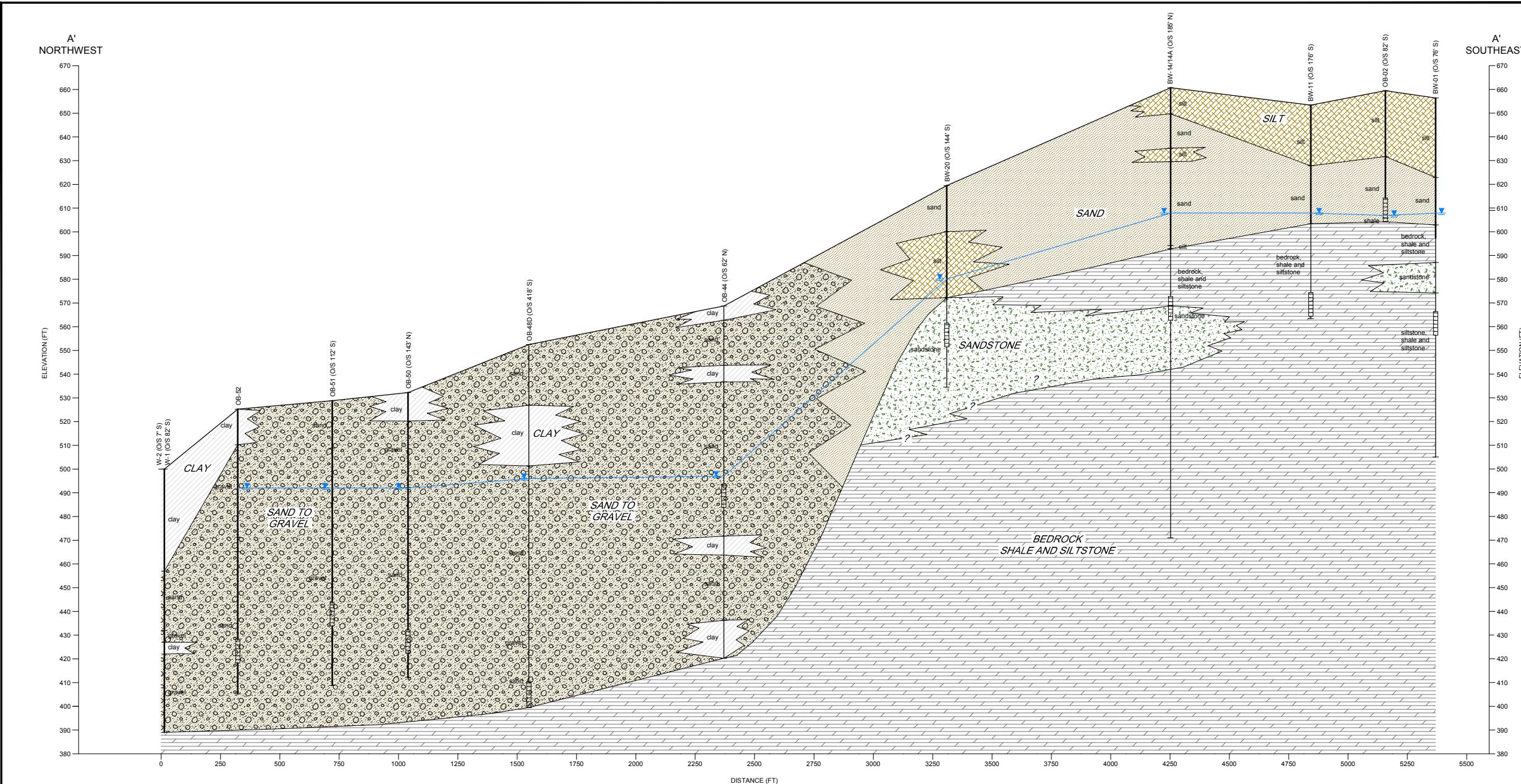


SOURCE: ATTICA AND WILLIAMSPORT, INDIANA
U.S.G.S. TOPOGRAPHIC MAPS



figure 1.1
SITE LOCATION
RADIO MATERIALS CORPORATION
Attica, Indiana

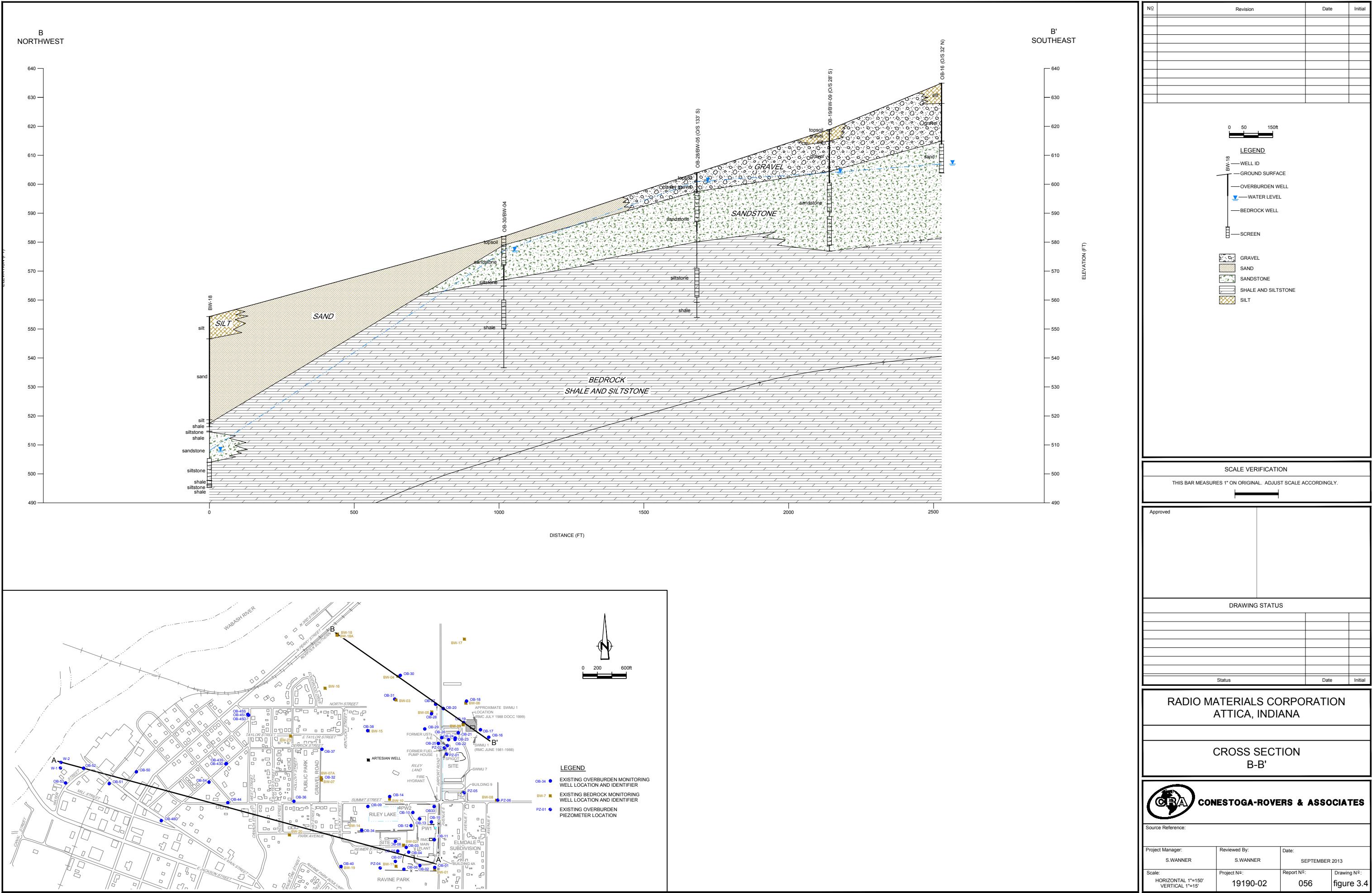


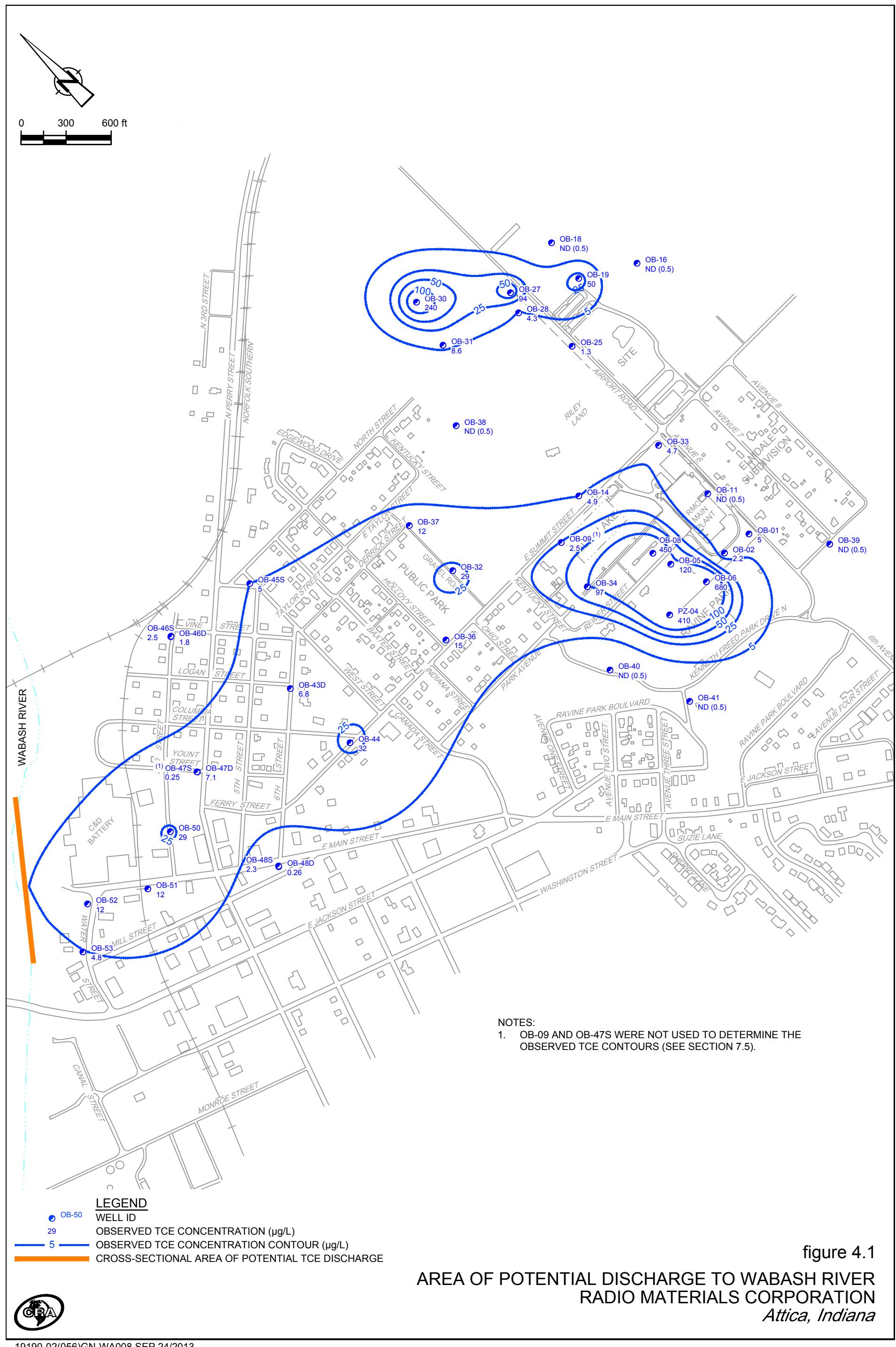


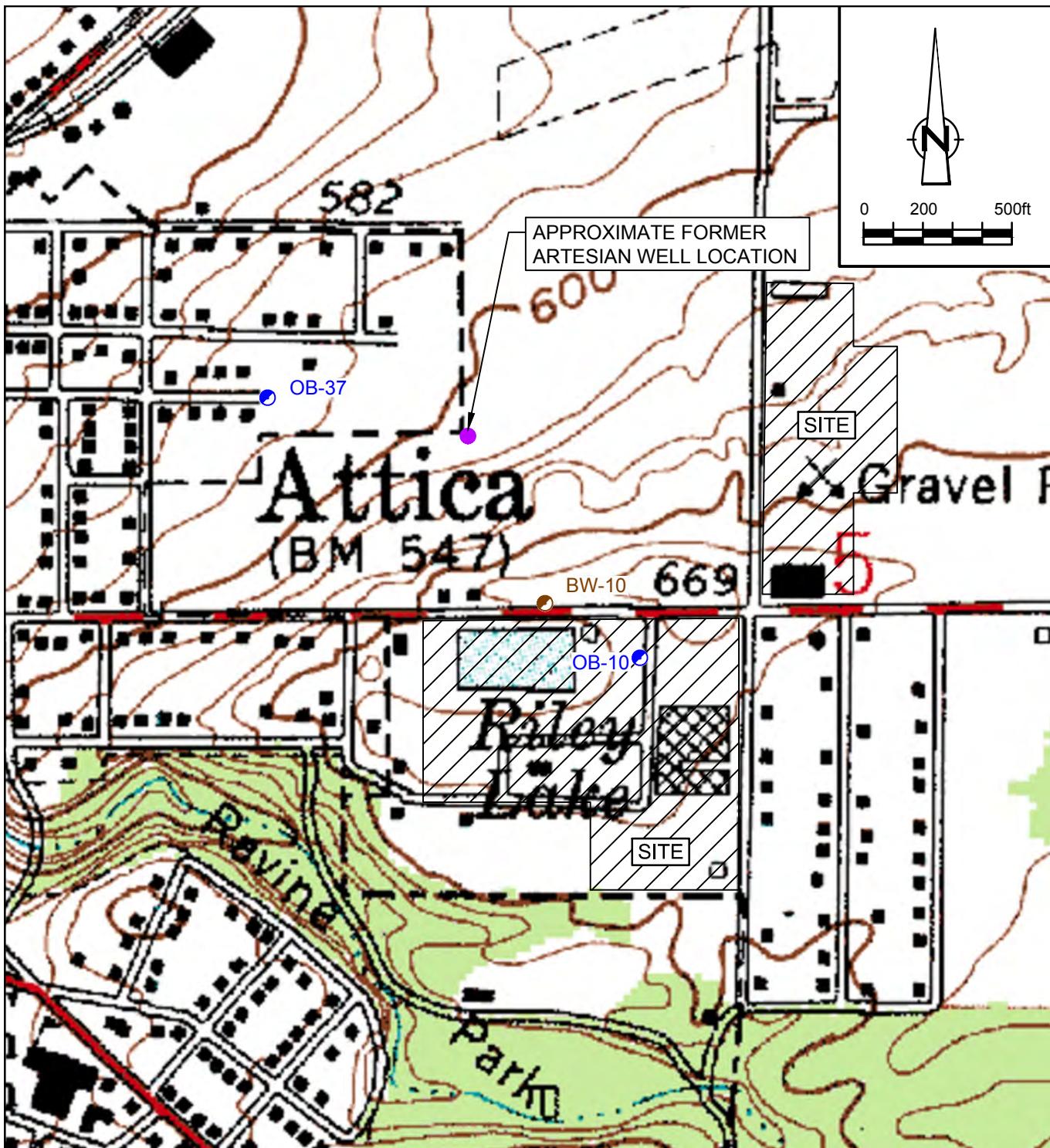
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

CROSS SECTION

	CONESTOGA-ROVERS & ASSOCIATES		
Reference:			
Manager: S.WANNER	Reviewed By: S.WANNER	Date: SEPTEMBER 2013	
ORIZONTAL 1°=250' VERTICAL 1°=25'	Project N°: 19190-02	Report N°: 056	Drawing N°: figure 3.3







SOURCE: ATTICA AND WILLIAMSPT, INDIANA
U.S.G.S. TOPOGRAPHIC MAPS

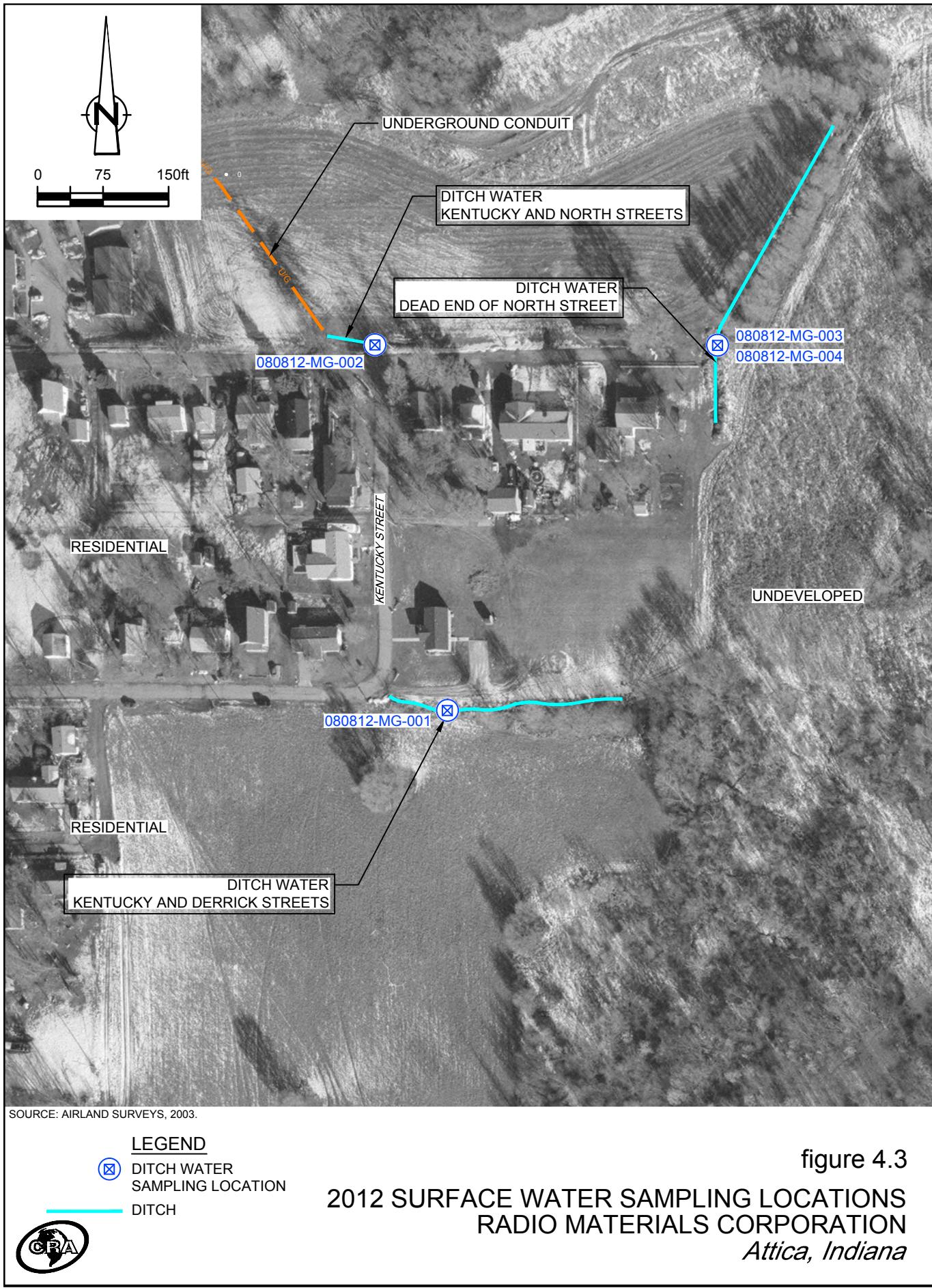
NOTE: ALL LOCATIONS ARE APPROXIMATE

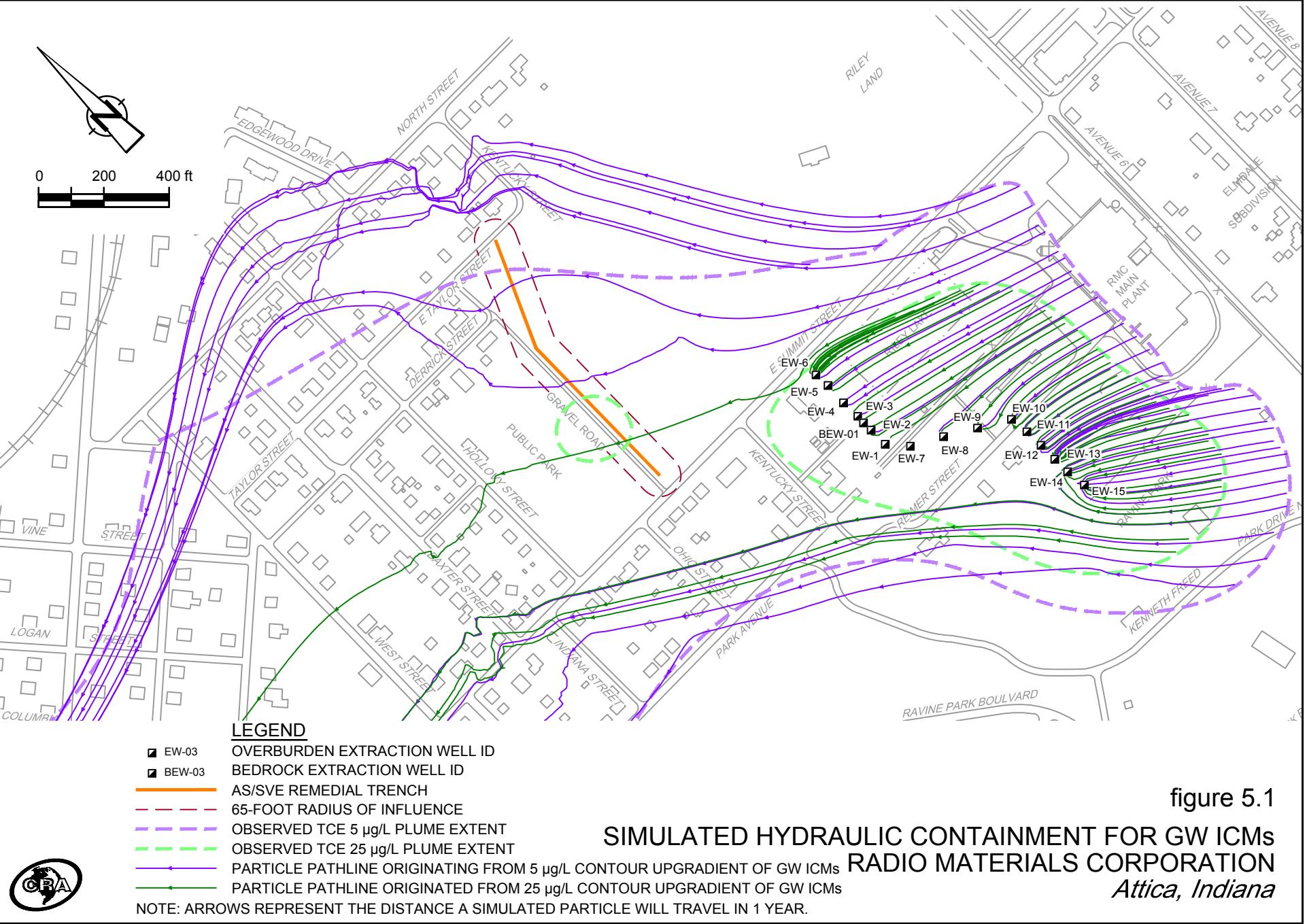


19190-02(056)GN-WA007 SEP 24/2013

figure 4.2

USGS MAP DETAIL AREA
RADIO MATERIALS CORPORATION
Attica, Indiana





TABLES

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>		<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>	<i>OB-01</i>
<i>Sample ID:</i>		<i>GW-042012-TP-066</i>	<i>GW-080112-MG-002</i>	<i>GW-102412-TP-052</i>	<i>GW-020513-SM-002</i>	<i>GW-042513-SM-039</i>	<i>GW-071513-SM-019</i>	<i>GW-071513-SM-019</i>	<i>GW-071513-SM-020</i>
<i>Sample Date:</i>		4/20/2012	8/1/2012	10/24/2012	2/5/2013	4/25/2013	7/15/2013	7/15/2013	7/15/2013 <i>(Duplicate)</i>
<i>Parameters</i>		<i>IDEML Residential</i>							
	<i>Units</i>	<i>Closure Levels</i>							
<i>Volatile Organic Compounds</i>									
1,1,1,2-Tetrachloroethane	mg/L	0.0069	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	0.2	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	0.0009	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	0.005	ND (0.0005)						
1,1-Dichloroethane	mg/L	0.99	ND (0.0005)						
1,1-Dichloroethene	mg/L	0.007	ND (0.0005)						
1,1-Dichloropropene	mg/L	-	ND (0.0005)						
1,2,3-Trichlorobenzene	mg/L	-	ND (0.002)						
1,2,3-Trichloropropane	mg/L	-	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	0.07	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	0.016	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.00005	ND (0.002)						
1,2-Dichlorobenzene	mg/L	0.6	ND (0.0005)						
1,2-Dichloroethane	mg/L	0.005	ND (0.0005)						
1,2-Dichloropropane	mg/L	0.005	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	0.016	ND (0.002)						
1,3-Dichlorobenzene	mg/L	0.08	ND (0.0005)						
1,3-Dichloropropane	mg/L	-	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	0.075	ND (0.0005)	0.00019 J	0.00019 J				
2,2-Dichloropropane	mg/L	-	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	8.4	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	-	ND (0.002)						
2-Hexanone	mg/L	-	R	R	ND (0.02)	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	ND (0.002)						
4-Chlorotoluene	mg/L	-	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	2.2	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Acetone	mg/L	6.9	R	R	R	R	R	R	R
Benzene	mg/L	0.005	ND (0.0005)						
Bromobenzene	mg/L	-	ND (0.002)						
Bromodichloromethane	mg/L	0.08	ND (0.0005)						
Bromoform	mg/L	0.08	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	0.011	ND (0.0005) J	ND (0.0005)					
Carbon disulfide	mg/L	1.3	ND (0.0005)						
Carbon tetrachloride	mg/L	0.005	ND (0.0005)						
Chlorobenzene	mg/L	0.1	ND (0.0005)						
Chlorobromomethane	mg/L	-	ND (0.0005)						
Chloroethane	mg/L	0.062	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	0.08	ND (0.0005)						

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>		<i>OB-01</i> <i>GW-042012-TP-066</i>	<i>OB-01</i> <i>GW-080112-MG-002</i>	<i>OB-01</i> <i>GW-102412-TP-052</i>	<i>OB-01</i> <i>GW-020513-SM-002</i>	<i>OB-01</i> <i>GW-042513-SM-039</i>	<i>OB-01</i> <i>GW-071513-SM-019</i>	<i>OB-01</i> <i>GW-071513-SM-020</i>
<i>Sample ID:</i>		4/20/2012	8/1/2012	10/24/2012	2/5/2013	4/25/2013	7/15/2013	7/15/2013 (Duplicate)
<i>Sample Date:</i>								
<i>Parameters</i>		<i>IDEML Residential</i>						
	<i>Units</i>	<i>Closure Levels</i>						
Chloromethane (Methyl chloride)	mg/L	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.07	ND (0.0005)	0.00009 J	ND (0.0005)	0.00007 J	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	-	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	-	ND (0.002)					
Dibromochloromethane	mg/L	-	ND (0.0005)					
Dibromomethane	mg/L	-	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	-	ND (0.0005)					
Ethylbenzene	mg/L	0.7	ND (0.0005)					
Hexachlorobutadiene	mg/L	0.011	ND (0.002)					
Isopropyl benzene	mg/L	0.83	ND (0.002)					
m&p-Xylenes	mg/L	-	ND (0.0005)					
Methylene chloride	mg/L	0.005	ND (0.002)					
Naphthalene	mg/L	0.0083	ND (0.002)	0.00012 J	ND (0.002)	0.00015 J	ND (0.002) J	0.0011 J
N-Butylbenzene	mg/L	-	ND (0.002)					
N-Propylbenzene	mg/L	0.31	ND (0.002)					
o-Xylene	mg/L	-	ND (0.0005)					
Styrene	mg/L	0.1	ND (0.0005)					
tert-Butylbenzene	mg/L	-	ND (0.002)					
Tetrachloroethene	mg/L	0.005	ND (0.0005)					
Toluene	mg/L	1	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0001 J	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.1	ND (0.0005)					
trans-1,3-Dichloropropene	mg/L	-	ND (0.0005)					
Trichloroethene	mg/L	0.005	0.0022	0.0024	ND (0.0021)	0.00078	0.00097	0.0022
Trichlorofluoromethane (CFC-11)	mg/L	-	ND (0.0005)					
Vinyl chloride	mg/L	0.002	ND (0.0005)					
<i>Metals</i>								
Arsenic	mg/L	0.01	0.00041 J	-	-	-	-	-
Beryllium	mg/L	0.004	-	-	-	-	-	-
Chromium	mg/L	0.1	-	-	-	-	-	-
Lead	mg/L	0.015	0.000209	-	-	-	-	-

TABLE 3.1

Page 3 of 60

**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-02</i>	<i>OB-02</i>	<i>OB-02</i>	<i>OB-04</i>	<i>OB-06</i>	<i>OB-06</i>	<i>OB-06</i>	<i>OB-06</i>
<i>Sample ID:</i>	GW-042012-TP-064	GW-102412-TP-054	GW-042513-SM-041	GW-042012-TP-065	GW-042012-TP-068	GW-080112-MG-003	GW-102912-TP-068	GW-020513-SM-003
<i>Sample Date:</i>	4/20/2012	10/24/2012	4/25/2013	4/20/2012	4/20/2012	8/1/2012	10/29/2012	2/5/2013
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	0.0028	0.0038	0.0028
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,2,2-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	-	ND (0.005)	ND (0.01)	ND (0.004)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	-	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
2-Hexanone	mg/L	R	ND (0.02)	R	-	R	R	ND (0.04)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)	-	ND (0.05)	ND (0.1)	R
Acetone	mg/L	R	R	R	-	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001) J
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	0.0013
								ND (0.0013)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	OB-02 GW-042012-TP-064	OB-02 GW-102412-TP-054	OB-02 GW-042513-SM-041	OB-04 GW-042012-TP-065	OB-06 GW-042012-TP-068	OB-06 GW-080112-MG-003	OB-06 GW-102912-TP-068	OB-06 GW-020513-SM-003
Sample ID:								
Sample Date:	4/20/2012	10/24/2012	4/25/2013	4/20/2012	4/20/2012	8/1/2012	10/29/2012	2/5/2013

Parameters

	Units	OB-02 GW-042012-TP-064	OB-02 GW-102412-TP-054	OB-02 GW-042513-SM-041	OB-04 GW-042012-TP-065	OB-06 GW-042012-TP-068	OB-06 GW-080112-MG-003	OB-06 GW-102912-TP-068	OB-06 GW-020513-SM-003
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001) J	ND (0.0013) J
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	0.82	1.1	1	1.1
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	0.00044 J	ND (0.005)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.005)	ND (0.01)	ND (0.004)	ND (0.005)
Tetrachloroethene	mg/L	0.00022 J	ND (0.0005)	0.00012 J	-	0.019	0.019	0.026	0.024
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	0.0064	0.0092	0.0073	0.0083
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Trichloroethene	mg/L	0.0017	ND (0.0015)	0.00053	-	0.33	0.38	0.49	0.54
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0013)	ND (0.0025)	ND (0.001)	ND (0.0013)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	0.022	0.054	0.016	0.031

Metals

Arsenic	mg/L	-	-	-	-	0.00105	-	-	-
Beryllium	mg/L	-	-	-	-	0.000029	-	-	-
Chromium	mg/L	-	-	-	-	0.00121	-	-	-
Lead	mg/L	-	-	-	-	0.000384	0.000559	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-06</i>	<i>OB-06</i>	<i>OB-06</i>	<i>OB-08</i>	<i>OB-08</i>	<i>OB-08</i>	<i>OB-08</i>
<i>Sample ID:</i>	GW-050113-SM-070	GW-050113-SM-071	GW-071513-SM-025	GW-042012-TP-063	GW-080112-MG-007	GW-102612-TP-061	GW-020513-SM-006
<i>Sample Date:</i>	5/1/2013	5/1/2013 <i>(Duplicate)</i>	7/15/2013	4/20/2012	8/1/2012	10/26/2012	2/5/2013
<i>Parameters</i>		<i>Units</i>					
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.00075)	ND (0.00073)	0.0016 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	0.00062	0.00057	0.0057	0.0001 J	0.00026 J	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	0.02 J	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	R	ND (0.2)	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	0.036 J	R	R	ND (0.02)
Benzene	mg/L	0.00018 J	0.00021 J	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	0.00013 J	0.00012 J	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	0.00068	0.0007	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	OB-06 GW-050113-SM-070	OB-06 GW-050113-SM-071	OB-06 GW-071513-SM-025	OB-08 GW-042012-TP-063	OB-08 GW-080112-MG-007	OB-08 GW-102612-TP-061	OB-08 GW-020513-SM-006
Sample ID:	5/1/2013	5/1/2013	7/15/2013	4/20/2012	8/1/2012	10/26/2012	2/5/2013

Sample Date:**Parameters**

	Units						
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	0.23	0.24	2.1	0.042	0.097	0.067
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005) J	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	0.0014 J	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	0.00012 J	0.00013 J	ND (0.02) J	ND (0.002)	0.0001 J	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	0.016	0.016	0.024	0.03	0.028	0.026
Toluene	mg/L	0.0001 J	0.00008 J	ND (0.005)	ND (0.0005)	ND (0.0005)	0.00011 J
trans-1,2-Dichloroethene	mg/L	0.003	0.0034	0.013	0.0006	0.0013	0.0012
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.21	0.22	0.87	0.18	0.18	0.17
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.015	0.015	0.011	ND (0.0005)	ND (0.0005)	ND (0.0005)

Metals

Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	0.000249	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-08</i>	<i>OB-08</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>
<i>Sample ID:</i>	GW-042513-SM-044	GW-071513-SM-022	GW-041612-TP-028	GW-080612-MG-017	GW-102912-TP-071	GW-020613-SM-015	GW-050113-SM-072
<i>Sample Date:</i>	4/25/2013	7/15/2013	4/16/2012	8/6/2012	10/29/2012	2/6/2013	5/1/2013
<i>Parameters</i>							
<i>Units</i>							
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,1,1-Trichloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,1,2,2-Tetrachloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,1,2-Trichloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,1-Dichloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,1-Dichloroethene	mg/L	0.00046 J	0.00008 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)				
1,2,3-Trichlorobenzene	mg/L	ND (0.004)	ND (0.002)				
1,2,3-Trichloropropane	mg/L	ND (0.001)	ND (0.0005)				
1,2,4-Trichlorobenzene	mg/L	ND (0.004)	ND (0.002)				
1,2,4-Trimethylbenzene	mg/L	ND (0.004)	ND (0.002)				
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.004) J	ND (0.002)				
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.004)	ND (0.002)				
1,2-Dichlorobenzene	mg/L	ND (0.001)	ND (0.0005)				
1,2-Dichloroethane	mg/L	ND (0.001)	ND (0.0005)				
1,2-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)				
1,3,5-Trimethylbenzene	mg/L	ND (0.004)	ND (0.002)				
1,3-Dichlorobenzene	mg/L	ND (0.001)	ND (0.0005)				
1,3-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)				
1,4-Dichlorobenzene	mg/L	ND (0.001)	0.0002 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)				
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.004)	ND (0.002)				
2-Hexanone	mg/L	R	R	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.004)	ND (0.002)				
4-Chlorotoluene	mg/L	ND (0.004)	ND (0.002)				
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.04)	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R
Benzene	mg/L	ND (0.001)	ND (0.0005)				
Bromobenzene	mg/L	ND (0.004)	ND (0.002)				
Bromodichloromethane	mg/L	ND (0.001)	ND (0.0005)				
Bromoform	mg/L	ND (0.001) J	ND (0.0005)				
Bromomethane (Methyl bromide)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon disulfide	mg/L	ND (0.001)	ND (0.0005)				
Carbon tetrachloride	mg/L	ND (0.001)	ND (0.0005)				
Chlorobenzene	mg/L	ND (0.001)	ND (0.0005)				
Chlorobromomethane	mg/L	ND (0.001)	ND (0.0005)				
Chloroethane	mg/L	ND (0.001)	ND (0.0005)				
Chloroform (Trichloromethane)	mg/L	0.0002 J	ND (0.0005)				

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-08</i>	<i>OB-08</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>	<i>OB-09</i>
<i>Sample ID:</i>	<i>GW-042513-SM-044</i>	<i>GW-071513-SM-022</i>	<i>GW-041612-TP-028</i>	<i>GW-080612-MG-017</i>	<i>GW-102912-TP-071</i>	<i>GW-020613-SM-015</i>	<i>GW-050113-SM-072</i>
<i>Sample Date:</i>	<i>4/25/2013</i>	<i>7/15/2013</i>	<i>4/16/2012</i>	<i>8/6/2012</i>	<i>10/29/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>
<i>Parameters</i>							
Chloromethane (Methyl chloride)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.52	0.037	ND (0.0005)	ND (0.0005)	0.00008 J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)				
Cymene (p-Isopropyltoluene)	mg/L	ND (0.004)	ND (0.002)				
Dibromochloromethane	mg/L	ND (0.001)	ND (0.0005)				
Dibromomethane	mg/L	ND (0.001)	ND (0.0005)				
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.001)	ND (0.0005)				
Hexachlorobutadiene	mg/L	ND (0.004)	ND (0.002)				
Isopropyl benzene	mg/L	ND (0.004)	ND (0.002)				
m&p-Xylenes	mg/L	ND (0.001)	ND (0.0005)				
Methylene chloride	mg/L	0.00022 J	ND (0.002)				
Naphthalene	mg/L	ND (0.004) J	0.0011 J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.004)	ND (0.002)				
N-Propylbenzene	mg/L	ND (0.004)	ND (0.002)				
o-Xylene	mg/L	ND (0.001)	ND (0.0005)				
Styrene	mg/L	ND (0.001)	ND (0.0005)				
tert-Butylbenzene	mg/L	ND (0.004)	ND (0.002)				
Tetrachloroethene	mg/L	0.049	0.027	0.0038	0.0034	0.0037	0.0035
Toluene	mg/L	ND (0.001)	ND (0.0005)				
trans-1,2-Dichloroethene	mg/L	0.015	0.00022 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)				
Trichloroethene	mg/L	0.19	0.1	0.00055	0.00047 J	0.0012	0.0014
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.001)	ND (0.0005)				
Vinyl chloride	mg/L	0.0002 J	ND (0.0005)				
<i>Metals</i>							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

TABLE 3.1

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-09	OB-10	OB-11	OB-11	OB-11	OB-14	OB-14	OB-14
Sample ID:	GW-071213-SM-016	GW-042012-TP-070	GW-041612-TP-038	GW-102412-TP-051	GW-042513-SM-042	GW-041612-TP-032	GW-080212-MG-014	GW-102312-TP-045
Sample Date:	7/12/2013	4/20/2012	4/16/2012	10/24/2012	4/25/2013	4/16/2012	8/2/2012	10/23/2012
Parameters								
	<i>Units</i>							
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1,1-Trichloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1,2-Trichloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1-Dichloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1-Dichloroethene	mg/L	ND (0.0005)	-	ND (0.0005)				
1,1-Dichloropropene	mg/L	ND (0.0005)	-	ND (0.0005)				
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	-	ND (0.002)				
1,2,4-Trimethylbenzene	mg/L	0.0001 J	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	0.00007 J
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	-	ND (0.002)				
1,2-Dichlorobenzene	mg/L	ND (0.0005)	-	ND (0.0005)				
1,2-Dichloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,2-Dichloropropane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	-	ND (0.002)				
1,3-Dichlorobenzene	mg/L	ND (0.0005)	-	ND (0.0005)				
1,3-Dichloropropane	mg/L	ND (0.0005)	-	ND (0.0005)				
1,4-Dichlorobenzene	mg/L	0.00042 J	-	ND (0.0005)				
2,2-Dichloropropane	mg/L	ND (0.0005)	-	ND (0.0005)				
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	-	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	-	ND (0.002)				
2-Hexanone	mg/L	R	-	R	ND (0.02)	R	R	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	-	ND (0.002)				
4-Chlorotoluene	mg/L	ND (0.002)	-	ND (0.002)				
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	-	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	R
Acetone	mg/L	R	-	R	ND (0.02)	R	R	R
Benzene	mg/L	0.00028 J	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00016 J
Bromobenzene	mg/L	ND (0.002)	-	ND (0.002)				
Bromodichloromethane	mg/L	ND (0.0005)	-	ND (0.0005)				
Bromoform	mg/L	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	-	ND (0.0005)				
Carbon disulfide	mg/L	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00032 J
Carbon tetrachloride	mg/L	ND (0.0005)	-	ND (0.0005)				
Chlorobenzene	mg/L	ND (0.0005)	-	ND (0.0005)				
Chlorobromomethane	mg/L	ND (0.0005)	-	ND (0.0005)				
Chloroethane	mg/L	ND (0.0005)	-	ND (0.0005)				
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	-	ND (0.0005)				

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-09</i>	<i>OB-10</i>	<i>OB-11</i>	<i>OB-11</i>	<i>OB-11</i>	<i>OB-14</i>	<i>OB-14</i>	<i>OB-14</i>
<i>Sample ID:</i>	<i>GW-071213-SM-016</i>	<i>GW-042012-TP-070</i>	<i>GW-041612-TP-038</i>	<i>GW-102412-TP-051</i>	<i>GW-042513-SM-042</i>	<i>GW-041612-TP-032</i>	<i>GW-080212-MG-014</i>	<i>GW-102312-TP-045</i>
<i>Sample Date:</i>	<i>7/12/2013</i>	<i>4/20/2012</i>	<i>4/16/2012</i>	<i>10/24/2012</i>	<i>4/25/2013</i>	<i>4/16/2012</i>	<i>8/2/2012</i>	<i>10/23/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	-	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	-	ND (0.0005)				
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	-	ND (0.0005)				
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	-	ND (0.002)				
Dibromochloromethane	mg/L	ND (0.0005)	-	ND (0.0005)				
Dibromomethane	mg/L	ND (0.0005)	-	ND (0.0005)				
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	-	ND (0.0005)				
Ethylbenzene	mg/L	0.00014 J	-	ND (0.0005)	ND (0.0005)	0.00017 J	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	-	ND (0.002)				
Isopropyl benzene	mg/L	ND (0.002)	-	ND (0.002)				
m&p-Xylenes	mg/L	0.00021 J	-	ND (0.0005)	ND (0.0005)	0.00015 J	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	-	ND (0.002)				
Naphthalene	mg/L	0.0011 J	-	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	-	ND (0.002)				
N-Propylbenzene	mg/L	ND (0.002)	-	ND (0.002)				
o-Xylene	mg/L	0.00008 J	-	ND (0.0005)				
Styrene	mg/L	ND (0.0005)	-	ND (0.0005)				
tert-Butylbenzene	mg/L	ND (0.002)	-	ND (0.002)				
Tetrachloroethene	mg/L	0.0024	-	ND (0.0005)				
Toluene	mg/L	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	0.00027 J	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	-	ND (0.0005)				
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	-	ND (0.0005)				
Trichloroethene	mg/L	0.0015	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0038	0.0043
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	-	ND (0.0005)				
Vinyl chloride	mg/L	ND (0.0005)	-	ND (0.0005)				
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	0.000158	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-14</i>	<i>OB-14</i>	<i>OB-14</i>	<i>OB-15</i>	<i>OB-16</i>	<i>OB-16</i>	<i>OB-16</i>	<i>OB-18</i>	
<i>Sample ID:</i>	GW-020513-SM-008	GW-042213-SM-021	GW-071113-SM-012	GW-042012-TP-073	GW-041912-TP-056	GW-102412-TP-048	GW-042313-SM-030	GW-041012-TP-005	
<i>Sample Date:</i>	2/5/2013	4/22/2013	7/11/2013	4/20/2012	4/19/2012	10/24/2012	4/23/2013	4/10/2012	
<i>Parameters</i>		<i>Units</i>							
<i>Volatile Organic Compounds</i>									
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	0.00026 J	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	-	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	ND (0.02)	ND (0.02)	-	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	-	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	-	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA

<i>Sample Location:</i>	<i>OB-14</i>	<i>OB-14</i>	<i>OB-14</i>	<i>OB-15</i>	<i>OB-16</i>	<i>OB-16</i>	<i>OB-16</i>	<i>OB-18</i>
<i>Sample ID:</i>	GW-020513-SM-008	GW-042213-SM-021	GW-071113-SM-012	GW-042012-TP-073	GW-041912-TP-056	GW-102412-TP-048	GW-042313-SM-030	GW-041012-TP-005
<i>Sample Date:</i>	2/5/2013	4/22/2013	7/11/2013	4/20/2012	4/19/2012	10/24/2012	4/23/2013	4/10/2012
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	0.00016 J	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.00013 J	-	0.00015 J	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002) J	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Toluene	mg/L	0.00007 J	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.0036	0.0041	0.0023	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	-	ND (0.0005)	ND (0.0005)	ND (0.0005)
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	0.00155	-	-	-

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-18	OB-18	OB-18	OB-19	OB-19	OB-19	OB-25	OB-25	
Sample ID:	GW-102212-TP-041	GW-042313-SM-027	GW-042313-SM-028	GW-041012-TP-007	GW-102212-TP-040	GW-042313-SM-025	GW-041012-TP-001	GW-102212-TP-037	
Sample Date:	10/22/2012	4/23/2013	4/23/2013	4/10/2012	10/22/2012	4/23/2013	4/10/2012	10/22/2012	
Parameters		Units							
<i>Volatile Organic Compounds</i>									
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
1,1,1-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1,2-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	0.0024	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.0018 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2,4-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,4-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002) J	ND (0.002) J	ND (0.002) J	ND (0.02) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,3,5-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,3-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,3-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,4-Dichlorobenzene	mg/L	ND (0.0005) J	0.00027 J	0.00033 J	ND (0.0005)	ND (0.01) J	0.00019 J	ND (0.0005)	ND (0.0005) J
2,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
2-Hexanone	mg/L	R	R	R	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
4-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)	R
Acetone	mg/L	R	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.02) J	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
Bromodichloromethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromoform	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon tetrachloride	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chlorobromomethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chloroform (Trichloromethane)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.005) J	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-18	OB-18	OB-18	OB-19	OB-19	OB-19	OB-25	OB-25
Sample ID:	GW-102212-TP-041	GW-042313-SM-027	GW-042313-SM-028	GW-041012-TP-007	GW-102212-TP-040	GW-042313-SM-025	GW-041012-TP-001	GW-102212-TP-037
Sample Date:	10/22/2012	4/23/2013	4/23/2013	4/10/2012	10/22/2012	4/23/2013	4/10/2012	10/22/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J				
cis-1,2-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.03	0.025	ND (0.0005)	ND (0.0005) J
cis-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
Dibromochloromethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Dibromomethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Hexachlorobutadiene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
Isopropyl benzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
m&p-Xylenes	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Methylene chloride	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
Naphthalene	mg/L	0.00015 J	ND (0.002) J	ND (0.002) J	ND (0.002) J	0.0024 J	ND (0.002) J	0.00014 J
N-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
N-Propylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
o-Xylene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Styrene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
tert-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.04) J	ND (0.002)	ND (0.002)	ND (0.002) J
Tetrachloroethene	mg/L	0.00024 J	0.00013 J	0.0001 J	0.11	2.7 J	0.068	0.011
Toluene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.0012 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
trans-1,2-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00009 J	0.0034 J	0.00013 J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005) J
Trichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.023	0.35 J	0.0096	0.00061
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	0.00061
Vinyl chloride	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.01) J	ND (0.0005)	ND (0.0005) J
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-25</i>	<i>OB-27</i>	<i>OB-27</i>	<i>OB-27</i>	<i>OB-28</i>	<i>OB-28</i>	<i>OB-28</i>	<i>OB-30</i>
<i>Sample ID:</i>	GW-042913-SM-058	GW-041012-TP-003	GW-102212-TP-039	GW-043013-SM-065	GW-041012-TP-009	GW-102212-TP-038	GW-043013-SM-064	GW-041112-TP-013
<i>Sample Date:</i>	4/29/2013	4/10/2012	10/22/2012	4/30/2013	4/10/2012	10/22/2012	4/30/2013	4/11/2012
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0019)	ND (0.0005)	ND (0.0005) J	ND (0.0011)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
2-Hexanone	mg/L	ND (0.02)	R	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	R	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA

<i>Sample Location:</i>	<i>OB-25</i>	<i>OB-27</i>	<i>OB-27</i>	<i>OB-27</i>	<i>OB-28</i>	<i>OB-28</i>	<i>OB-28</i>	<i>OB-30</i>
<i>Sample ID:</i>	GW-042913-SM-058	GW-041012-TP-003	GW-102212-TP-039	GW-043013-SM-065	GW-041012-TP-009	GW-102212-TP-038	GW-043013-SM-064	GW-041112-TP-013
<i>Sample Date:</i>	4/29/2013	4/10/2012	10/22/2012	4/30/2013	4/10/2012	10/22/2012	4/30/2013	4/11/2012
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	0.024	0.01 J	0.0082	0.00091	0.011 J	0.0012
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	0.00017 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
m&p-Xylenes	mg/L	0.00016 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002) J	0.0001 J	ND (0.002)	0.00009 J	0.00011 J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Tetrachloroethene	mg/L	0.0077	0.096	0.09 J	0.05	0.04	0.05 J	0.026
Toluene	mg/L	0.00021 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	0.00009 J	0.00008 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichloroethene	mg/L	0.00042 J	0.073	0.06 J	0.032	0.0065	0.028 J	0.0094
Trichlorofluoromethane (CFC-11)	mg/L	0.00065 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-30</i>	<i>OB-30</i>	<i>OB-30</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-32</i>
<i>Sample ID:</i>	<i>GW-041112-TP-015</i>	<i>GW-102512-TP-056</i>	<i>GW-043013-SM-059</i>	<i>GW-041012-TP-011</i>	<i>GW-102512-TP-057</i>	<i>GW-043013-SM-060</i>	<i>GW-043013-SM-061</i>	<i>GW-041312-TP-041</i>
<i>Sample Date:</i>	<i>4/11/2012</i>	<i>10/25/2012</i>	<i>4/30/2013</i>	<i>4/10/2012</i>	<i>10/25/2012</i>	<i>4/30/2013</i>	<i>4/30/2013</i>	<i>4/13/2012</i>
<i>Parameters</i>	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	ND (0.0005)						
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)						
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)						
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)				
Acetone	mg/L	R	ND (0.02)	R	R	ND (0.02)	R	R
Benzene	mg/L	ND (0.0005)						
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	ND (0.0005)						
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)						
Carbon disulfide	mg/L	ND (0.0005)						
Carbon tetrachloride	mg/L	ND (0.0005)						
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	0.00009 J					

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-30</i>	<i>OB-30</i>	<i>OB-30</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-31</i>	<i>OB-32</i>
<i>Sample ID:</i>	<i>GW-041112-TP-015</i>	<i>GW-102512-TP-056</i>	<i>GW-043013-SM-059</i>	<i>GW-041012-TP-011</i>	<i>GW-102512-TP-057</i>	<i>GW-043013-SM-060</i>	<i>GW-043013-SM-061</i>	<i>GW-041312-TP-041</i>
<i>Sample Date:</i>	<i>4/11/2012</i> <i>(Duplicate)</i>	<i>10/25/2012</i>	<i>4/30/2013</i>	<i>4/10/2012</i>	<i>10/25/2012</i>	<i>4/30/2013</i>	<i>4/30/2013</i> <i>(Duplicate)</i>	<i>4/13/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	0.00008 J	ND (0.0005)	ND (0.0005) J	0.00008 J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.015	0.0042	ND (0.0005)	0.0052	0.0083	0.0055	0.0053
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)					
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)					
Methylene chloride	mg/L	ND (0.002)	ND (0.002)					
Naphthalene	mg/L	0.00009 J	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	0.0001 J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)					
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)					
Styrene	mg/L	ND (0.0005)	ND (0.0005)					
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)					
Tetrachloroethene	mg/L	0.0097	0.002	0.00032 J	0.014	0.015	0.011	0.01
Toluene	mg/L	ND (0.0005)	ND (0.0005)					
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00011 J	0.00019 J	0.00018 J	0.00017 J
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)					
Trichloroethene	mg/L	0.017	0.0056	0.00022 J	0.011	0.014	0.011	0.0095
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)					
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-33</i>	<i>OB-33</i>
<i>Sample ID:</i>	<i>GW-080712-MG-025</i>	<i>GW-101812-TP-028</i>	<i>GW-101812-TP-029</i>	<i>GW-020713-SM-018</i>	<i>GW-042413-SM-036</i>	<i>GW-071013-SM-002</i>	<i>GW-041612-TP-034</i>	<i>GW-041612-TP-036</i>
<i>Sample Date:</i>	<i>8/7/2012</i>	<i>10/18/2012</i>	<i>10/18/2012</i>	<i>2/7/2013</i>	<i>4/24/2013</i>	<i>7/10/2013</i>	<i>4/16/2012</i>	<i>4/16/2012</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	R	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	0.00021 J	0.00036 J	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	R	R	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-32</i>	<i>OB-33</i>	<i>OB-33</i>
<i>Sample ID:</i>	<i>GW-080712-MG-025</i>	<i>GW-101812-TP-028</i>	<i>GW-101812-TP-029</i>	<i>GW-020713-SM-018</i>	<i>GW-042413-SM-036</i>	<i>GW-071013-SM-002</i>	<i>GW-041612-TP-034</i>	<i>GW-041612-TP-036</i>
<i>Sample Date:</i>	<i>8/7/2012</i>	<i>10/18/2012</i>	<i>10/18/2012</i> <i>(Duplicate)</i>	<i>2/7/2013</i>	<i>4/24/2013</i>	<i>7/10/2013</i>	<i>4/16/2012</i>	<i>4/16/2012</i> <i>(Duplicate)</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	0.025	0.018 J	0.019 J	0.0085	0.0037	0.008	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	0.00005 J	0.00005 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	0.00012 J	0.00013 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	0.00009 J	0.00011 J	0.00011 J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	0.00008 J	0.00014 J	0.00015 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	0.00013 J	0.00013 J	0.0012	0.0071	0.0064	0.00062
Toluene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.00032 J	0.00026 J	0.00027 J	ND (0.0005)	ND (0.0005)	0.00008 J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.0023	0.001 J	0.0011 J	0.0026	0.0028	0.0025	0.0021
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.0001 J	0.00011 J	0.00012 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-33</i>	<i>OB-33</i>	<i>OB-34</i>	<i>OB-34</i>	<i>OB-34</i>	<i>OB-36</i>	<i>OB-36</i>	<i>OB-36</i>
<i>Sample ID:</i>	<i>GW-102312-TP-046</i>	<i>GW-042313-SM-024</i>	<i>GW-041612-TP-030</i>	<i>GW-102912-TP-074</i>	<i>GW-042913-SM-054</i>	<i>GW-041112-TP-017</i>	<i>GW-101612-TP-023</i>	<i>GW-042413-SM-038</i>
<i>Sample Date:</i>	<i>10/23/2012</i>	<i>4/23/2013</i>	<i>4/16/2012</i>	<i>10/29/2012</i>	<i>4/29/2013</i>	<i>4/11/2012</i>	<i>10/16/2012</i>	<i>4/24/2013</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	0.0002 J				
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
2-Hexanone	mg/L	ND (0.02)	R	R	ND (0.02)	R	ND (0.02) J	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	ND (0.02)	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00073	0.00076 J	0.001
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J				
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon disulfide	mg/L	0.00011 J	ND (0.0005)					
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0017	0.0029 J	0.0033

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RADIO MATERIALS CORPORATION
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<i>Sample Location:</i>	<i>OB-33</i>	<i>OB-33</i>	<i>OB-34</i>	<i>OB-34</i>	<i>OB-34</i>	<i>OB-36</i>	<i>OB-36</i>	<i>OB-36</i>
<i>Sample ID:</i>	<i>GW-102312-TP-046</i>	<i>GW-042313-SM-024</i>	<i>GW-041612-TP-030</i>	<i>GW-102912-TP-074</i>	<i>GW-042913-SM-054</i>	<i>GW-041112-TP-017</i>	<i>GW-101612-TP-023</i>	<i>GW-042413-SM-038</i>
<i>Sample Date:</i>	<i>10/23/2012</i>	<i>4/23/2013</i>	<i>4/16/2012</i>	<i>10/29/2012</i>	<i>4/29/2013</i>	<i>4/11/2012</i>	<i>10/16/2012</i>	<i>4/24/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.0017	0.018	0.0012	0.00012 J	0.00063 J
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Methylene chloride	mg/L	ND (0.002)	0.00025 J	0.00012 J				
Naphthalene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
o-Xylene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Styrene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Tetrachloroethene	mg/L	0.00055	0.00037 J	0.03	0.029	0.019	0.058	0.06 J
Toluene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.00019 J	0.00037 J	0.00013 J	ND (0.0005) J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Trichloroethene	mg/L	0.0021	0.0018	0.046	0.1	0.057	0.0064	0.0051 J
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-38</i>	<i>OB-38</i>
<i>Sample ID:</i>	<i>GW-041312-TP-043</i>	<i>GW-080712-MG-024</i>	<i>GW-101812-TP-030</i>	<i>GW-020713-SM-020</i>	<i>GW-042413-SM-033</i>	<i>GW-071013-SM-004</i>	<i>GW-041112-TP-019</i>	<i>GW-102512-TP-059</i>
<i>Sample Date:</i>	<i>4/13/2012</i>	<i>8/7/2012</i>	<i>10/18/2012</i>	<i>2/7/2013</i>	<i>4/24/2013</i>	<i>7/10/2013</i>	<i>4/11/2012</i>	<i>10/25/2012</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	R	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	R	R	R	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	R	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	ND (0.02)
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.0001 J	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-37</i>	<i>OB-38</i>	<i>OB-38</i>
<i>Sample ID:</i>	<i>GW-041312-TP-043</i>	<i>GW-080712-MG-024</i>	<i>GW-101812-TP-030</i>	<i>GW-020713-SM-020</i>	<i>GW-042413-SM-033</i>	<i>GW-071013-SM-004</i>	<i>GW-041112-TP-019</i>	<i>GW-102512-TP-059</i>
<i>Sample Date:</i>	<i>4/13/2012</i>	<i>8/7/2012</i>	<i>10/18/2012</i>	<i>2/7/2013</i>	<i>4/24/2013</i>	<i>7/10/2013</i>	<i>4/11/2012</i>	<i>10/25/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	0.00088	0.00041 J	0.00039 J	0.00055	0.00011 J	0.00025 J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	0.00013 J	ND (0.002)	ND (0.002) J	ND (0.002)	0.00009 J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	0.00024 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00022 J
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.00015 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.00076	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.00011 J	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.00046 J	0.00031 J	0.00036 J	0.00034 J	ND (0.0005)	0.00034 J	0.014
								0.012
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-38</i>	<i>OB-39</i>	<i>OB-39</i>	<i>OB-39</i>	<i>OB-40</i>	<i>OB-40</i>	<i>OB-40</i>	<i>OB-41</i>
<i>Sample ID:</i>	GW-043013-SM-068	GW-041312-TP-026	GW-101612-TP-021	GW-042613-SM-047	GW-041112-TP-021	GW-101612-TP-019	GW-042613-SM-050	GW-041112-TP-023
<i>Sample Date:</i>	4/30/2013	4/13/2012	10/16/2012	4/26/2013	4/11/2012	10/16/2012	4/26/2013	4/11/2012
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	ND (0.02) J	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	R	R	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)

TABLE 3.1

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-38	OB-39	OB-39	OB-39	OB-40	OB-40	OB-40	OB-41
Sample ID:	GW-043013-SM-068	GW-041312-TP-026	GW-101612-TP-021	GW-042613-SM-047	GW-041112-TP-021	GW-101612-TP-019	GW-042613-SM-050	GW-041112-TP-023
Sample Date:	4/30/2013	4/13/2012	10/16/2012	4/26/2013	4/11/2012	10/16/2012	4/26/2013	4/11/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	0.00012 J	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.00015 J
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	0.00017 J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.0057		ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-41</i>	<i>OB-41</i>	<i>OB-43D</i>	<i>OB-43D</i>	<i>OB-43D</i>	<i>OB-43S</i>	<i>OB-43S</i>	<i>OB-43S</i>
<i>Sample ID:</i>	<i>GW-101612-TP-020</i>	<i>GW-042313-SM-032</i>	<i>GW-041312-TP-024</i>	<i>GW-101512-TP-012</i>	<i>GW-041913-SM-016</i>	<i>GW-062612-TP-002</i>	<i>GW-101512-TP-013</i>	<i>GW-041913-SM-015</i>
<i>Sample Date:</i>	<i>10/16/2012</i>	<i>4/23/2013</i>	<i>4/13/2012</i>	<i>10/15/2012</i>	<i>4/19/2013</i>	<i>6/26/2012</i>	<i>10/15/2012</i>	<i>4/19/2013</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,1,1-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,1,2-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,1-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,1-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)					
1,1-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)					
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)					
1,2,3-Trichloropropane	mg/L	ND (0.0005) J	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)					
1,2,4-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002) J	ND (0.002) J	ND (0.002)				
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002) J	ND (0.002)					
1,2-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)					
1,2-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
1,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)					
1,3-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)					
1,3-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)					
1,4-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)					
2,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)					
2-Hexanone	mg/L	ND (0.02) J	R	R	ND (0.02)	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002) J	ND (0.002)					
4-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R	R	R	R
Acetone	mg/L	R	R	R	R	0.0057 J	R	R
Benzene	mg/L	ND (0.0005) J	ND (0.0005)					
Bromobenzene	mg/L	ND (0.002) J	ND (0.002)					
Bromodichloromethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00013 J	0.00014 J	0.00015 J
Bromoform	mg/L	ND (0.0005) J	ND (0.0005)					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)					
Carbon disulfide	mg/L	ND (0.0005) J	ND (0.0005)					
Carbon tetrachloride	mg/L	ND (0.0005) J	ND (0.0005)					
Chlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)					
Chlorobromomethane	mg/L	ND (0.0005) J	ND (0.0005)					
Chloroethane	mg/L	ND (0.0005) J	ND (0.0005)					
Chloroform (Trichloromethane)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00034 J	0.00029 J

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-41</i>	<i>OB-41</i>	<i>OB-43D</i>	<i>OB-43D</i>	<i>OB-43D</i>	<i>OB-43S</i>	<i>OB-43S</i>	<i>OB-43S</i>
<i>Sample ID:</i>	<i>GW-101612-TP-020</i>	<i>GW-042313-SM-032</i>	<i>GW-041312-TP-024</i>	<i>GW-101512-TP-012</i>	<i>GW-041913-SM-016</i>	<i>GW-062612-TP-002</i>	<i>GW-101512-TP-013</i>	<i>GW-041913-SM-015</i>
<i>Sample Date:</i>	<i>10/16/2012</i>	<i>4/23/2013</i>	<i>4/13/2012</i>	<i>10/15/2012</i>	<i>4/19/2013</i>	<i>6/26/2012</i>	<i>10/15/2012</i>	<i>4/19/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	0.00087	0.00086	ND (0.0005)	0.00007 J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002) J	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005) J	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005) J	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.0005) J	ND (0.0005)					
Hexachlorobutadiene	mg/L	ND (0.002) J	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002) J	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005) J	ND (0.0005)					
Methylene chloride	mg/L	ND (0.002) J	ND (0.002)					
Naphthalene	mg/L	ND (0.002) J	ND (0.002) J	0.00014 J	ND (0.002)	0.0001 J	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002) J	ND (0.002)					
o-Xylene	mg/L	ND (0.0005) J	ND (0.0005)					
Styrene	mg/L	ND (0.0005) J	ND (0.0005)					
tert-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)					
Tetrachloroethene	mg/L	0.00015 J	0.00013 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.01	0.011
Toluene	mg/L	ND (0.0005) J	ND (0.0005)					
trans-1,2-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)					
trans-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)					
Trichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	0.008	0.0082	0.0079	0.0041	0.0042
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005) J	ND (0.0005)					
Vinyl chloride	mg/L	ND (0.0005) J	ND (0.0005)					
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-44</i>	<i>OB-44</i>	<i>OB-44</i>	<i>OB-45S</i>	<i>OB-45S</i>	<i>OB-45S</i>	<i>OB-46D</i>	<i>OB-46D</i>
<i>Sample ID:</i>	GW-041212-TP-031	GW-101512-TP-016	GW-042213-SM-018	GW-041212-TP-020	GW-101512-TP-014	GW-041913-SM-014	GW-041212-TP-016	GW-101212-TP-008
<i>Sample Date:</i>	4/12/2012	10/15/2012	4/22/2013	4/12/2012	10/15/2012	4/19/2013	4/12/2012	10/12/2012
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	ND (0.0005)						
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)						
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)						
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)						
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)	ND (0.02)	R	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)						
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	0.0001 J	ND (0.0005)					
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)						
Carbon disulfide	mg/L	ND (0.0005)						
Carbon tetrachloride	mg/L	ND (0.0005)						
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	0.00012 J	ND (0.0005)	ND (0.0005)	0.00019 J	0.00026 J	0.00008 J	ND (0.0005)

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-44	OB-44	OB-44	OB-45S	OB-45S	OB-45S	OB-46D	OB-46D
Sample ID:	GW-041212-TP-031	GW-101512-TP-016	GW-042213-SM-018	GW-041212-TP-020	GW-101512-TP-014	GW-041913-SM-014	GW-041212-TP-016	GW-101212-TP-008
Sample Date:	4/12/2012	10/15/2012	4/22/2013	4/12/2012	10/15/2012	4/19/2013	4/12/2012	10/12/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	0.00024 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.003	0.002	0.0044	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)						
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)						
Dibromochloromethane	mg/L	ND (0.0005)						
Dibromomethane	mg/L	ND (0.0005)						
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)						
Hexachlorobutadiene	mg/L	ND (0.002)						
Isopropyl benzene	mg/L	ND (0.002)						
m&p-Xylenes	mg/L	ND (0.0005)						
Methylene chloride	mg/L	ND (0.002)						
Naphthalene	mg/L	ND (0.002)	0.00009 J	0.00023 J				
N-Butylbenzene	mg/L	ND (0.002)						
N-Propylbenzene	mg/L	ND (0.002)						
o-Xylene	mg/L	ND (0.0005)						
Styrene	mg/L	ND (0.0005)						
tert-Butylbenzene	mg/L	ND (0.002)						
Tetrachloroethene	mg/L	0.036	0.034	0.025	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Toluene	mg/L	ND (0.0005)						
trans-1,2-Dichloroethene	mg/L	0.00008 J	ND (0.0005)	0.00017 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)						
Trichloroethene	mg/L	0.052	0.049	0.045	0.0043	0.0047	0.0056	0.0024
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)						
Vinyl chloride	mg/L	ND (0.0005)						
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-46D</i>	<i>OB-46S</i>	<i>OB-46S</i>	<i>OB-46S</i>	<i>OB-47D</i>	<i>OB-47D</i>	<i>OB-47D</i>	<i>OB-47S</i>
<i>Sample ID:</i>	<i>GW-041813-SM-010</i>	<i>GW-041212-TP-018</i>	<i>GW-101112-TP-007</i>	<i>GW-041813-SM-009</i>	<i>GW-041112-TP-012</i>	<i>GW-101112-TP-006</i>	<i>GW-041713-SM-007</i>	<i>GW-041112-TP-010</i>
<i>Sample Date:</i>	<i>4/18/2013</i>	<i>4/12/2012</i>	<i>10/11/2012</i>	<i>4/18/2013</i>	<i>4/11/2012</i>	<i>10/11/2012</i>	<i>4/17/2013</i>	<i>4/11/2012</i>
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)	0.0001 J					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	ND (0.0005)						
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)						
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)						
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)						
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	ND (0.02)	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)						
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	ND (0.0005)						
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)						
Carbon disulfide	mg/L	ND (0.0005)						
Carbon tetrachloride	mg/L	ND (0.0005)	0.00043 J					
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00009 J	0.00008 J	ND (0.0005)

TABLE 3.1

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-46D	OB-46S	OB-46S	OB-46S	OB-47D	OB-47D	OB-47D	OB-47S
Sample ID:	GW-041813-SM-010	GW-041212-TP-018	GW-101112-TP-007	GW-041813-SM-009	GW-041112-TP-012	GW-101112-TP-006	GW-041713-SM-007	GW-041112-TP-010
Sample Date:	4/18/2013	4/12/2012	10/11/2012	4/18/2013	4/11/2012	10/11/2012	4/17/2013	4/11/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)						
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00036 J	0.00039 J	0.00016 J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)						
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)						
Dibromochloromethane	mg/L	ND (0.0005)						
Dibromomethane	mg/L	ND (0.0005)						
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)						
Ethylbenzene	mg/L	ND (0.0005)						
Hexachlorobutadiene	mg/L	ND (0.002)						
Isopropyl benzene	mg/L	ND (0.002)						
m&p-Xylenes	mg/L	ND (0.0005)						
Methylene chloride	mg/L	ND (0.002)						
Naphthalene	mg/L	ND (0.002)	0.00013 J	ND (0.002)	0.0002 J	0.0001 J	0.00028 J	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)						
N-Propylbenzene	mg/L	ND (0.002)						
o-Xylene	mg/L	ND (0.0005)						
Styrene	mg/L	ND (0.0005)						
tert-Butylbenzene	mg/L	ND (0.002)						
Tetrachloroethene	mg/L	ND (0.0005)						
Toluene	mg/L	ND (0.0005)						
trans-1,2-Dichloroethene	mg/L	ND (0.0005)						
trans-1,3-Dichloropropene	mg/L	ND (0.0005)						
Trichloroethene	mg/L	0.0019	0.0026	0.0024	0.0015	0.0084	0.0075	0.0052
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)						
Vinyl chloride	mg/L	ND (0.0005)						
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-47S</i>	<i>OB-47S</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48S</i>
<i>Sample ID:</i>	<i>GW-101112-TP-005</i>	<i>GW-041713-SM-006</i>	<i>GW-041212-TP-029</i>	<i>GW-101212-TP-010</i>	<i>GW-101212-TP-011</i>	<i>GW-041813-SM-011</i>	<i>GW-041813-SM-012</i>	<i>GW-041212-TP-027</i>
<i>Sample Date:</i>	<i>10/11/2012</i>	<i>4/17/2013</i>	<i>4/12/2012</i>	<i>10/12/2012</i>	<i>10/12/2012</i> <i>(Duplicate)</i>	<i>4/18/2013</i>	<i>4/18/2013</i> <i>(Duplicate)</i>	<i>4/12/2012</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	0.00015 J	0.00011 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00083
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	0.00065	0.00049 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	0.00015 J	0.00015 J	0.00016 J	0.00009 J	0.00013 J
								0.0019

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-47S</i>	<i>OB-47S</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48D</i>	<i>OB-48S</i>
<i>Sample ID:</i>	<i>GW-101112-TP-005</i>	<i>GW-041713-SM-006</i>	<i>GW-041212-TP-029</i>	<i>GW-101212-TP-010</i>	<i>GW-101212-TP-011</i>	<i>GW-041813-SM-011</i>	<i>GW-041813-SM-012</i>	<i>GW-041212-TP-027</i>
<i>Sample Date:</i>	<i>10/11/2012</i>	<i>4/17/2013</i>	<i>4/12/2012</i>	<i>10/12/2012</i>	<i>10/12/2012</i> <i>(Duplicate)</i>	<i>4/18/2013</i>	<i>4/18/2013</i> <i>(Duplicate)</i>	<i>4/12/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	0.00018 J	0.00013 J	0.00022 J	ND (0.002)	0.00032 J	0.00024 J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00013 J
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.00032 J	0.00028 J	0.00028 J	0.00016 J	0.0002 J
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0024
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-48S</i>	<i>OB-48S</i>	<i>OB-49</i>	<i>OB-49</i>	<i>OB-49</i>	<i>OB-50</i>	<i>OB-50</i>	<i>OB-50</i>
<i>Sample ID:</i>	<i>GW-101212-TP-009</i>	<i>GW-041813-SM-013</i>	<i>GW-062612-TP-001</i>	<i>GW-101112-TP-004</i>	<i>GW-041713-SM-005</i>	<i>GW-041112-TP-008</i>	<i>GW-101012-TP-003</i>	<i>GW-041613-SM-003</i>
<i>Sample Date:</i>	<i>10/12/2012</i>	<i>4/18/2013</i>	<i>6/26/2012</i>	<i>10/11/2012</i>	<i>4/17/2013</i>	<i>4/11/2012</i>	<i>10/10/2012</i>	<i>4/16/2013</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	ND (0.0005)						
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)						
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)						
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)						
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	R	R	ND (0.02)	R	R
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	0.0012	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	0.0014	0.0014	ND (0.0005)				
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J					
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	0.00021 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)						
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	0.0027	0.0024	ND (0.0005)	ND (0.0005)	0.0001 J	0.0001 J	0.00009 J

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-48S</i>	<i>OB-48S</i>	<i>OB-49</i>	<i>OB-49</i>	<i>OB-49</i>	<i>OB-50</i>	<i>OB-50</i>	<i>OB-50</i>
<i>Sample ID:</i>	<i>GW-101212-TP-009</i>	<i>GW-041813-SM-013</i>	<i>GW-062612-TP-001</i>	<i>GW-101112-TP-004</i>	<i>GW-041713-SM-005</i>	<i>GW-041112-TP-008</i>	<i>GW-101012-TP-003</i>	<i>GW-041613-SM-003</i>
<i>Sample Date:</i>	<i>10/12/2012</i>	<i>4/18/2013</i>	<i>6/26/2012</i>	<i>10/11/2012</i>	<i>4/17/2013</i>	<i>4/11/2012</i>	<i>10/10/2012</i>	<i>4/16/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	0.00009 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0066)	0.0087	0.0076
cis-1,3-Dichloropropene	mg/L	ND (0.0005)						
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)						
Dibromochloromethane	mg/L	ND (0.0005)						
Dibromomethane	mg/L	ND (0.0005)						
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)						
Ethylbenzene	mg/L	ND (0.0005)						
Hexachlorobutadiene	mg/L	ND (0.002)						
Isopropyl benzene	mg/L	ND (0.002)						
m&p-Xylenes	mg/L	ND (0.0005)						
Methylene chloride	mg/L	ND (0.002)						
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	0.00023 J	0.00014 J	0.0001 J	0.00024 J
N-Butylbenzene	mg/L	ND (0.002)						
N-Propylbenzene	mg/L	ND (0.002)						
o-Xylene	mg/L	ND (0.0005)						
Styrene	mg/L	ND (0.0005)						
tert-Butylbenzene	mg/L	ND (0.002)						
Tetrachloroethene	mg/L	0.00011 J	0.00014 J	ND (0.0005)				
Toluene	mg/L	ND (0.0005)	ND (0.0005)	0.00025 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	0.00015 J					
trans-1,3-Dichloropropene	mg/L	ND (0.0005)						
Trichloroethene	mg/L	0.0026	0.0027	0.00059	0.00028 J	0.00011 J	0.028	0.028
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)						
Vinyl chloride	mg/L	ND (0.0005)						
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-51	OB-51	OB-51	OB-52	OB-52	OB-52	OB-53	OB-53	
Sample ID:	GW-041012-TP-006	GW-101712-TP-024	GW-041713-SM-004	GW-041012-TP-004	GW-101012-TP-002	GW-041613-SM-001	GW-041012-TP-002	GW-101012-TP-001	
Sample Date:	4/10/2012	10/17/2012	4/17/2013	4/10/2012	10/10/2012	4/16/2013	4/10/2012	10/10/2012	
Parameters		Units							
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00009 J	
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R	
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
2-Hexanone	mg/L	R	R	R	R	ND (0.02)	R	ND (0.02)	
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R	
Acetone	mg/L	R	R	R	R	R	R	R	
Benzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)					
Bromodichloromethane	mg/L	0.00022 J	0.00022 J	ND (0.0005)					
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)					
Chloroform (Trichloromethane)	mg/L	0.00027 J	0.0003 J	0.00014 J	0.00014 J	0.00013 J	0.00009 J	0.00012 J	

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-51	OB-51	OB-51	OB-52	OB-52	OB-52	OB-53	OB-53
Sample ID:	GW-041012-TP-006	GW-101712-TP-024	GW-041713-SM-004	GW-041012-TP-004	GW-101012-TP-002	GW-041613-SM-001	GW-041012-TP-002	GW-101012-TP-001
Sample Date:	4/10/2012	10/17/2012	4/17/2013	4/10/2012	10/10/2012	4/16/2013	4/10/2012	10/10/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
cis-1,2-Dichloroethene	mg/L	0.0015	0.0021 J	0.0027	0.00062	0.00084	0.00046 J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Methylene chloride	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Naphthalene	mg/L	ND (0.002) J	ND (0.002) J	ND (0.002) J	0.00014 J	0.00024 J	0.00026 J	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
o-Xylene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Styrene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)				
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00031 J
Toluene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00034 J
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	0.00009 J	ND (0.0005)				
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Trichloroethene	mg/L	0.011	0.012 J	0.011	0.011	0.012	0.011	0.004
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0062
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)				
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-53</i>	<i>OB-54</i>	<i>OB-54</i>	<i>OB-54</i>	<i>OB-55</i>	<i>OB-55</i>	<i>OB-55</i>	<i>OB-55</i>
<i>Sample ID:</i>	<i>GW-041613-SM-002</i>	<i>GW-062612-TP-003</i>	<i>GW-101512-TP-015</i>	<i>GW-041813-SM-008</i>	<i>GW-062712-TP-010</i>	<i>GW-080612-MG-019</i>	<i>GW-102612-TP-062</i>	<i>GW-102612-TP-063</i>
<i>Sample Date:</i>	<i>4/16/2013</i>	<i>6/26/2012</i>	<i>10/15/2012</i>	<i>4/18/2013</i>	<i>6/27/2012</i>	<i>8/6/2012</i>	<i>10/26/2012</i>	<i>10/26/2012</i> <i>(Duplicate)</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	ND (0.0005)						
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)						
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	R	R	ND (0.02)	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	R	R	R	ND (0.02)	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	R	R	ND (0.02)	ND (0.02)
Benzene	mg/L	ND (0.0005)						
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	ND (0.0005)						
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)					
Carbon disulfide	mg/L	ND (0.0005)						
Carbon tetrachloride	mg/L	ND (0.0005)						
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	0.00011 J	ND (0.0005)	0.00013 J	0.0001 J	ND (0.0005)	ND (0.0005)	ND (0.0005)

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-53	OB-54	OB-54	OB-54	OB-55	OB-55	OB-55	OB-55
Sample ID:	GW-041613-SM-002	GW-062612-TP-003	GW-101512-TP-015	GW-041813-SM-008	GW-062712-TP-010	GW-080612-MG-019	GW-102612-TP-062	GW-102612-TP-063
Sample Date:	4/16/2013	6/26/2012	10/15/2012	4/18/2013	6/27/2012	8/6/2012	10/26/2012	10/26/2012 (Duplicate)
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J				
cis-1,2-Dichloroethene	mg/L	0.00039 J	0.0027	0.003	0.0014	0.00066 J	0.00073	0.0008
cis-1,3-Dichloropropene	mg/L	ND (0.0005)						
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)						
Dibromochloromethane	mg/L	ND (0.0005)						
Dibromomethane	mg/L	ND (0.0005)						
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)						
Hexachlorobutadiene	mg/L	ND (0.002)						
Isopropyl benzene	mg/L	ND (0.002)						
m&p-Xylenes	mg/L	ND (0.0005)						
Methylene chloride	mg/L	ND (0.002)						
Naphthalene	mg/L	0.00024 J	0.0003 J	0.00032 J	0.00026 J	ND (0.002) J	ND (0.002)	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)						
N-Propylbenzene	mg/L	ND (0.002)						
o-Xylene	mg/L	ND (0.0005)						
Styrene	mg/L	ND (0.0005)						
tert-Butylbenzene	mg/L	ND (0.002)						
Tetrachloroethene	mg/L	0.00028 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.036 J	0.033	0.024
Toluene	mg/L	ND (0.0005)						
trans-1,2-Dichloroethene	mg/L	ND (0.0005)						
trans-1,3-Dichloropropene	mg/L	ND (0.0005)						
Trichloroethene	mg/L	0.0057	0.048	0.05	0.036	0.0051 J	0.0065	0.01
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)						
Vinyl chloride	mg/L	ND (0.0005)						
Metals								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-55</i>	<i>OB-55</i>	<i>OB-55</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-57</i>
<i>Sample ID:</i>	<i>GW-020613-SM-014</i>	<i>GW-042913-SM-057</i>	<i>GW-071213-SM-015</i>	<i>GW-062712-TP-009</i>	<i>GW-080212-MG-010</i>	<i>GW-102412-TP-055</i>	<i>GW-020713-SM-026</i>
<i>Sample Date:</i>	<i>2/6/2013</i>	<i>4/29/2013</i>	<i>7/12/2013</i>	<i>6/27/2012</i>	<i>8/2/2012</i>	<i>10/24/2012</i>	<i>2/7/2013</i>
<i>Parameters</i>		<i>Units</i>					
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00016 J	0.00038 J	0.00058 J
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.005) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.005)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	R
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	0.00028 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
2-Hexanone	mg/L	R	ND (0.02)	R	R	ND (0.05)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.05)	R
Acetone	mg/L	R	R	R	R	ND (0.05)	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00008 J	ND (0.0005)

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SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Sample Location:	OB-55	OB-55	OB-55	OB-57	OB-57	OB-57	OB-57
Sample ID:	GW-020613-SM-014	GW-042913-SM-057	GW-071213-SM-015	GW-062712-TP-009	GW-080212-MG-010	GW-102412-TP-055	GW-020713-SM-026
Sample Date:	2/6/2013	4/29/2013	7/12/2013	6/27/2012	8/2/2012	10/24/2012	2/7/2013
Parameters							
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	0.00008 J	ND (0.0005)	ND (0.0005)	ND (0.0013) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.00074	0.00034 J	0.00032 J	0.088	0.25	0.93
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00017 J	ND (0.0013)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	0.00078 J	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002) J	0.00012 J	ND (0.005) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	0.00009 J	ND (0.005)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.002)
Tetrachloroethene	mg/L	0.023	0.022	0.022	0.075	0.06	0.079
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	0.00071
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.0016	0.0037	0.019	0.0086
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Trichloroethene	mg/L	0.014	0.0042	0.0031	0.29	0.28	0.3
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0005)
Metals							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-58</i>
<i>Sample ID:</i>	GW-042513-SM-045	GW-071113-SM-009	GW-071113-SM-010	GW-062712-TP-011	GW-080612-MG-018	GW-102612-TP-064	GW-020613-SM-013
<i>Sample Date:</i>	4/25/2013	7/11/2013	7/11/2013	6/27/2012	8/6/2012	10/26/2012	2/6/2013
<i>Parameters</i>							
<i>Units</i>							
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,1-Trichloroethane	mg/L	ND (0.0005)					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,2-Trichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethene	mg/L	ND (0.0005)	0.0006	0.00051	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)					
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	0.00017 J	ND (0.002)	0.00011 J
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)					
1,2-Dichlorobenzene	mg/L	ND (0.0005)					
1,2-Dichloroethane	mg/L	ND (0.0005)					
1,2-Dichloropropane	mg/L	ND (0.0005)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)					
1,3-Dichlorobenzene	mg/L	ND (0.0005)					
1,3-Dichloropropane	mg/L	ND (0.0005)					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	0.00018 J	0.00025 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)					
2-Hexanone	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)					
4-Chlorotoluene	mg/L	ND (0.002)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	R	ND (0.02)	R
Benzene	mg/L	ND (0.0005)	0.00013 J	0.00021 J	0.00018 J	ND (0.0005)	0.00017 J
Bromobenzene	mg/L	ND (0.002)					
Bromodichloromethane	mg/L	ND (0.0005)					
Bromoform	mg/L	ND (0.0005)					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00056 J	0.00021 J	0.0008
Carbon tetrachloride	mg/L	ND (0.0005)					
Chlorobenzene	mg/L	ND (0.0005)					
Chlorobromomethane	mg/L	ND (0.0005)					
Chloroethane	mg/L	ND (0.0005)					
Chloroform (Trichloromethane)	mg/L	ND (0.0005)					

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-57</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-58</i>
<i>Sample ID:</i>	<i>GW-042513-SM-045</i>	<i>GW-071113-SM-009</i>	<i>GW-071113-SM-010</i>	<i>GW-062712-TP-011</i>	<i>GW-080612-MG-018</i>	<i>GW-102612-TP-064</i>	<i>GW-020613-SM-013</i>
<i>Sample Date:</i>	<i>4/25/2013</i>	<i>7/11/2013</i>	<i>7/11/2013</i>	<i>6/27/2012</i>	<i>8/6/2012</i>	<i>10/26/2012</i>	<i>2/6/2013</i>
<i>Parameters</i>							
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	0.032	0.26	0.24	0.0039 J	0.0031	0.0053
cis-1,3-Dichloropropene	mg/L	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00021 J	ND (0.0005)	0.00021 J
Hexachlorobutadiene	mg/L	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00028 J	ND (0.0005)	0.00021 J
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	0.00014 J	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	0.00019 J	0.00015 J	0.00028 J
N-Butylbenzene	mg/L	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002)					
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00012 J	ND (0.0005)	0.00008 J
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00009 J	ND (0.0005)	0.00019 J
tert-Butylbenzene	mg/L	ND (0.002)					
Tetrachloroethene	mg/L	0.022	0.061	0.059	0.0021 J	0.0027	0.002
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00055 J	ND (0.0005)	ND (0.00053)
trans-1,2-Dichloroethene	mg/L	0.0019	0.0041	0.0046	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)					
Trichloroethene	mg/L	0.16	0.2	0.2	0.0026 J	0.0027	0.00091
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)					
Vinyl chloride	mg/L	ND (0.0005)					
<i>Metals</i>							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>
<i>Sample ID:</i>	GW-042913-SM-056	GW-071213-SM-014	GW-062712-TP-012	GW-080612-MG-015	GW-102612-TP-065	GW-020713-SM-025	GW-050113-SM-073
<i>Sample Date:</i>	4/29/2013	7/12/2013	6/27/2012	8/6/2012	10/26/2012	2/7/2013	5/1/2013
<i>Parameters</i>							
	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,1-Trichloroethane	mg/L	ND (0.0005)					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,2-Trichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethene	mg/L	ND (0.0005)					
1,1-Dichloropropene	mg/L	ND (0.0005)					
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	R	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)					
1,2-Dichlorobenzene	mg/L	ND (0.0005)					
1,2-Dichloroethane	mg/L	ND (0.0005)					
1,2-Dichloropropane	mg/L	ND (0.0005)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)					
1,3-Dichlorobenzene	mg/L	ND (0.0005)					
1,3-Dichloropropane	mg/L	ND (0.0005)					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	0.00062	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)					
2-Hexanone	mg/L	ND (0.02)	R	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)					
4-Chlorotoluene	mg/L	ND (0.002)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	ND (0.02)	R	R
Acetone	mg/L	R	R	R	ND (0.02)	R	R
Benzene	mg/L	ND (0.0005)					
Bromobenzene	mg/L	ND (0.002)					
Bromodichloromethane	mg/L	ND (0.0005)					
Bromoform	mg/L	ND (0.0005)					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	0.00018 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)					
Chlorobenzene	mg/L	ND (0.0005)					
Chlorobromomethane	mg/L	ND (0.0005)					
Chloroethane	mg/L	ND (0.0005) J	ND (0.0005)				
Chloroform (Trichloromethane)	mg/L	ND (0.0005)					

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-58</i>	<i>OB-58</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>	<i>OB-59</i>
<i>Sample ID:</i>	<i>GW-042913-SM-056</i>	<i>GW-071213-SM-014</i>	<i>GW-062712-TP-012</i>	<i>GW-080612-MG-015</i>	<i>GW-102612-TP-065</i>	<i>GW-020713-SM-025</i>	<i>GW-050113-SM-073</i>
<i>Sample Date:</i>	<i>4/29/2013</i>	<i>7/12/2013</i>	<i>6/27/2012</i>	<i>8/6/2012</i>	<i>10/26/2012</i>	<i>2/7/2013</i>	<i>5/1/2013</i>
<i>Parameters</i>							
Chloromethane (Methyl chloride)	mg/L	0.00011 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.0016	0.0029	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00033 J
cis-1,3-Dichloropropene	mg/L	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J				
Ethylbenzene	mg/L	ND (0.0005)					
Hexachlorobutadiene	mg/L	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005)					
Methylene chloride	mg/L	ND (0.002)					
Naphthalene	mg/L	ND (0.002)	0.0012 J	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002)					
o-Xylene	mg/L	ND (0.0005)					
Styrene	mg/L	ND (0.0005)					
tert-Butylbenzene	mg/L	ND (0.002)					
Tetrachloroethene	mg/L	0.0083	0.0028	0.015	0.016	0.02	0.015
Toluene	mg/L	ND (0.0005)					
trans-1,2-Dichloroethene	mg/L	ND (0.0005)					
trans-1,3-Dichloropropene	mg/L	ND (0.0005)					
Trichloroethene	mg/L	0.0014	0.00089	0.0024	0.0023	0.0045	0.0031
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005) J	ND (0.0005)				
Vinyl chloride	mg/L	ND (0.0005)					
<i>Metals</i>							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-59</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-61</i>	
<i>Sample ID:</i>	<i>GW-071213-SM-018</i>	<i>GW-062712-TP-013</i>	<i>GW-080612-MG-016</i>	<i>GW-102612-TP-066</i>	<i>GW-020613-SM-016</i>	<i>GW-050113-SM-074</i>	<i>GW-071213-SM-017</i>	<i>GW-041912-TP-059</i>	
<i>Sample Date:</i>	<i>7/12/2013</i>	<i>6/27/2012</i>	<i>8/6/2012</i>	<i>10/26/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/12/2013</i>	<i>4/19/2012</i>	
<i>Parameters</i>		<i>Units</i>							
<i>Volatile Organic Compounds</i>									
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	0.00024 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00031 J	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	ND (0.02)	R	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02) J	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	ND (0.02)	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005)	0.00016 J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-59</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-60</i>	<i>OB-61</i>
<i>Sample ID:</i>	GW-071213-SM-018	GW-062712-TP-013	GW-080612-MG-016	GW-102612-TP-066	GW-020613-SM-016	GW-050113-SM-074	GW-071213-SM-017	GW-041912-TP-059
<i>Sample Date:</i>	7/12/2013	6/27/2012	8/6/2012	10/26/2012	2/6/2013	5/1/2013	7/12/2013	4/19/2012
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0013
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)						
Naphthalene	mg/L	ND (0.002) J	ND (0.002) J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	0.011	0.015	0.016	0.017	0.013	0.015	0.013
Toluene	mg/L	ND (0.0005)						
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.0039	0.0024	0.004	0.0043	0.0034	0.0038	0.0034
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0032
<i>Metals</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-62</i>	
<i>Sample ID:</i>	GW-080712-MG-020	GW-101912-TP-034	GW-020713-SM-023	GW-020713-SM-024	GW-042413-SM-037	GW-071013-SM-001	GW-041912-TP-062	
<i>Sample Date:</i>	8/7/2012	10/19/2012	2/7/2013	2/7/2013	4/24/2013	7/10/2013	4/19/2012	
<i>Parameters</i>		<i>Units</i>						
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	R	R	ND (0.002) J	ND (0.002)	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
2-Hexanone	mg/L	R	R	R	R	R	R	
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	R	ND (0.02)	R	ND (0.02)	
Acetone	mg/L	R	R	R	R	R	R	
Benzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-61</i>	<i>OB-62</i>
<i>Sample ID:</i>	GW-080712-MG-020	GW-101912-TP-034	GW-020713-SM-023	GW-020713-SM-024	GW-042413-SM-037	GW-071013-SM-001	GW-041912-TP-062
<i>Sample Date:</i>	8/7/2012	10/19/2012	2/7/2013	2/7/2013	4/24/2013	7/10/2013	4/19/2012
Parameters							
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.0012	0.0011 J	0.0013	0.0012	0.00049 J	0.00042 J
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	0.00028 J	ND (0.0005) J	ND (0.0005)	0.00016 J	0.0074	0.0071
Toluene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.00013 J	ND (0.0005) J	ND (0.0005)	0.00013 J	0.0046	0.0043
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.0032	0.0024 J	0.0029	0.0029	0.0014	0.0012
Metals							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>PZ-04</i>
<i>Sample ID:</i>	GW-080712-MG-021	GW-080712-MG-022	GW-101912-TP-035	GW-020713-SM-022	GW-042413-SM-034	GW-071013-SM-003	GW-041812-TP-054
<i>Sample Date:</i>	8/7/2012	8/7/2012	10/19/2012	2/7/2013	4/24/2013	7/10/2013	4/18/2012
<i>(Duplicate)</i>							
<i>Parameters</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.0003 J
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	R	ND (0.002) J	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00008 J
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	R	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00008 J
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00023 J

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>OB-62</i>	<i>PZ-04</i>
<i>Sample ID:</i>	<i>GW-080712-MG-021</i>	<i>GW-080712-MG-022</i>	<i>GW-101912-TP-035</i>	<i>GW-020713-SM-022</i>	<i>GW-042413-SM-034</i>	<i>GW-071013-SM-003</i>	<i>GW-041812-TP-054</i>
<i>Sample Date:</i>	<i>8/7/2012</i>	<i>8/7/2012</i>	<i>10/19/2012</i>	<i>2/7/2013</i>	<i>4/24/2013</i>	<i>7/10/2013</i>	<i>4/18/2012</i>
<i>Parameters</i>							
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.37
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.047
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.015
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.12
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00038 J
<i>Metals</i>							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>PZ-04</i>	<i>PZ-04</i>	<i>PZ-04</i>	<i>PZ-04</i>	<i>PZ-04</i>	<i>PZ-06</i>	<i>PZ-07</i>	
<i>Sample ID:</i>	GW-080212-MG-009	GW-102912-TP-070	GW-020713-SM-027	GW-043013-SM-066	GW-071513-SM-026	GW-042012-TP-071	GW-062712-TP-007	
<i>Sample Date:</i>	8/2/2012	10/29/2012	2/7/2013	4/30/2013	7/15/2013	4/20/2012	6/27/2012	
<i>Parameters</i>		<i>Units</i>						
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	0.00031 J	ND (0.0005)	ND (0.0016)	ND (0.0013)	-	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,1-Dichloroethene	mg/L	0.00075	0.00025 J	0.00042 J	0.00044 J	0.001 J	-	0.00035 J
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002) J
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	R	ND (0.002)	ND (0.005)	-	ND (0.002) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	-	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
2-Hexanone	mg/L	R	ND (0.02)	R	R	R	-	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	R	R	ND (0.05)	-	R
Acetone	mg/L	R	R	R	R	R	-	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	0.00032 J	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013) J	-	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	0.00018 J	0.011	0.0096	0.0022	0.0011 J	-	ND (0.0005)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	PZ-04 GW-080212-MG-009	PZ-04 GW-102912-TP-070	PZ-04 GW-020713-SM-027	PZ-04 GW-043013-SM-066	PZ-04 GW-071513-SM-026	PZ-06 GW-042012-TP-071	PZ-07 GW-062712-TP-007
	8/2/2012	10/29/2012	2/7/2013	4/30/2013	7/15/2013	4/20/2012	6/27/2012

Sample ID:
Sample Date:**Parameters**

	Units	PZ-04 GW-080212-MG-009	PZ-04 GW-102912-TP-070	PZ-04 GW-020713-SM-027	PZ-04 GW-043013-SM-066	PZ-04 GW-071513-SM-026	PZ-06 GW-042012-TP-071	PZ-07 GW-062712-TP-007
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.34	0.23	0.12	0.3	0.73	-	0.26
cis-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0013)	-	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	0.00013 J	ND (0.002)	ND (0.002)	0.00048 J	-	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005) J	-	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	-	ND (0.002)
Tetrachloroethene	mg/L	0.053	0.055	0.044	0.033	0.031	-	0.089
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.0066	0.017	0.0018	0.003	0.011	-	0.0025
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Trichloroethene	mg/L	0.22	0.27	0.19	0.12	0.17	-	0.27
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	-	ND (0.0005)
Vinyl chloride	mg/L	0.0003 J	0.00051	0.00046 J	0.00022 J	ND (0.0013)	-	ND (0.0005)

Metals

Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	0.00311	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>PZ-07</i>	<i>PZ-07</i>	<i>PZ-07</i>	<i>PZ-07</i>	<i>PZ-07</i>	<i>PZ-07BR</i>	<i>PZ-07BR</i>
<i>Sample ID:</i>	GW-080212-MG-012	GW-102912-TP-072	GW-020613-SM-010	GW-042913-SM-052	GW-071113-SM-008	GW-062712-TP-008	GW-080212-MG-011
<i>Sample Date:</i>	8/2/2012	10/29/2012	2/6/2013	4/29/2013	7/11/2013	6/27/2012	8/2/2012
<i>Parameters</i>		<i>Units</i>					
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,1,1-Trichloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,1,2-Trichloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,1-Dichloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,1-Dichloroethene	mg/L	0.00068 J	ND (0.0005)	0.00029 J	0.00046 J	0.00021 J	0.0036 J
1,1-Dichloropropene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,2,3-Trichlorobenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005) J	ND (0.005)
1,2,3-Trichloropropane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,2,4-Trichlorobenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005) J	ND (0.005)
1,2,4-Trimethylbenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005) J	ND (0.005)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
1,2-Dichlorobenzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,2-Dichloroethane	mg/L	0.00018 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,2-Dichloropropane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,3,5-Trimethylbenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
1,3-Dichlorobenzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,3-Dichloropropane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
1,4-Dichlorobenzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	0.00031 J	ND (0.0013)	ND (0.0013)
2,2-Dichloropropane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013) J
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
2-Hexanone	mg/L	R	ND (0.02)	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
4-Chlorotoluene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.04) J	R	ND (0.02)	ND (0.02)	R	ND (0.05)
Acetone	mg/L	R	R	R	R	R	R
Benzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Bromobenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
Bromodichloromethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Bromoform	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Bromomethane (Methyl bromide)	mg/L	ND (0.001) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Carbon disulfide	mg/L	ND (0.001) J	0.0001 J	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Carbon tetrachloride	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Chlorobenzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Chlorobromomethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Chloroethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Chloroform (Trichloromethane)	mg/L	0.00028 J	0.00011 J	ND (0.0005)	0.0012	ND (0.0005)	ND (0.0013)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	<i>PZ-07</i> <i>GW-080212-MG-012</i>	<i>PZ-07</i> <i>GW-102912-TP-072</i>	<i>PZ-07</i> <i>GW-020613-SM-010</i>	<i>PZ-07</i> <i>GW-042913-SM-052</i>	<i>PZ-07</i> <i>GW-071113-SM-008</i>	<i>PZ-07BR</i> <i>GW-062712-TP-008</i>	<i>PZ-07BR</i> <i>GW-080212-MG-011</i>
	8/2/2012	10/29/2012	2/6/2013	4/29/2013	7/11/2013	6/27/2012	8/2/2012

Sample ID:
Sample Date:**Parameters**

	<i>Units</i>						
Chloromethane (Methyl chloride)	mg/L	ND (0.001) J	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)
cis-1,2-Dichloroethene	mg/L	0.88 J	0.17	0.13	0.33	0.083	0.81 J
cis-1,3-Dichloropropene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013) J
Cymene (p-Isopropyltoluene)	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
Dibromochloromethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Dibromomethane	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0013)	ND (0.0013)
Ethylbenzene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Hexachlorobutadiene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
Isopropyl benzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
m&p-Xylenes	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Methylene chloride	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
Naphthalene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005) J	ND (0.005)
N-Butylbenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
N-Propylbenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
o-Xylene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Styrene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
tert-Butylbenzene	mg/L	ND (0.004) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)	ND (0.005)
Tetrachloroethene	mg/L	0.088 J	0.093	0.058	0.075	0.073	ND (0.0013)
Toluene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
trans-1,2-Dichloroethene	mg/L	0.014 J	0.026	0.0011	0.0064	0.0011	0.026 J
trans-1,3-Dichloropropene	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0013)	ND (0.0013)
Trichloroethene	mg/L	0.29 J	0.38	0.24	0.24	0.28	0.11 J
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0013)	ND (0.0013)
Vinyl chloride	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.072 J	0.073

Metals

Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>PZ-07BR</i>	<i>PZ-07BR</i>	<i>PZ-07BR</i>	<i>PZ-07BR</i>	<i>PZ-16</i>	<i>PZ-16</i>	<i>PZ-16</i>	<i>PZ-17</i>
<i>Sample ID:</i>	GW-102912-TP-073	GW-020613-SM-009	GW-042913-SM-053	GW-071113-SM-007	GW-041912-TP-058	GW-101912-TP-033	GW-020713-SM-017	GW-041912-TP-060
<i>Sample Date:</i>	10/29/2012	2/6/2013	4/29/2013	7/11/2013	4/19/2012	10/19/2012	2/7/2013	4/19/2012
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	0.0019	0.0027	0.0018	0.00078	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,2-Trichlorobenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	R	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	0.00033 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	ND (0.04)	R	ND (0.02)	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	0.00024 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromobenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.001) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.001)	ND (0.0005)	0.00011 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	PZ-07BR GW-102912-TP-073	PZ-07BR GW-020613-SM-009	PZ-07BR GW-042913-SM-053	PZ-07BR GW-071113-SM-007	PZ-16 GW-041912-TP-058	PZ-16 GW-101912-TP-033	PZ-16 GW-020713-SM-017	PZ-17 GW-041912-TP-060
Sample ID:								
Sample Date:	10/29/2012	2/6/2013	4/29/2013	7/11/2013	4/19/2012	10/19/2012	2/7/2013	4/19/2012

Parameters

	Units							
Chloromethane (Methyl chloride)	mg/L	ND (0.001) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.44	0.49	0.38	0.47	0.0045	0.0027 J	0.0018
cis-1,3-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Dibromochloromethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dibromomethane	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Isopropyl benzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
m&p-Xylenes	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Methylene chloride	mg/L	0.00022 J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Naphthalene	mg/L	ND (0.004)	0.00012 J	ND (0.002)	0.0011 J	ND (0.002)	ND (0.002) J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Propylbenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
o-Xylene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Styrene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.004)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Tetrachloroethene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0028	0.001 J	0.0041
Toluene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.014	0.021	0.014	0.017	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichloroethene	mg/L	0.083	0.079	0.071	0.071	0.00094	0.0021 J	0.0039
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.001)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Vinyl chloride	mg/L	0.042	0.064	0.043	0.05	0.00065	0.00027 J	0.00014 J

Metals

Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>PZ-17</i>	<i>PZ-18</i>	<i>PZ-18</i>	<i>PZ-18</i>	<i>PZ-18</i>
<i>Sample ID:</i>	GW-020713-SM-019	GW-041912-TP-061	GW-080712-MG-023	GW-101912-TP-036	GW-020713-SM-021
<i>Sample Date:</i>	2/7/2013	4/19/2012	8/7/2012	10/19/2012	2/7/2013
<i>Parameters</i>					
<i>Units</i>					
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	R	ND (0.002)	ND (0.002) J	R
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
2-Hexanone	mg/L	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R
Acetone	mg/L	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	0.00009 J	ND (0.0005)

TABLE 3.1

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**SUMMARY OF 2012 AND 2013 OVERTBURDEN GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	PZ-17	PZ-18	PZ-18	PZ-18	PZ-18
	GW-020713-SM-019	GW-041912-TP-061	GW-080712-MG-023	GW-101912-TP-036	GW-020713-SM-021
Sample Date:	2/7/2013	4/19/2012	8/7/2012	10/19/2012	2/7/2013

Parameters

	Units	PZ-17	PZ-18	PZ-18	PZ-18	PZ-18
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.00017 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Naphthalene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Tetrachloroethene	mg/L	0.0071	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichloroethene	mg/L	0.0072	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)

Metals

Arsenic	mg/L	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Lead	mg/L	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>Sample ID:</i>	<i>BW-01</i>	<i>BW-01</i>	<i>BW-01</i>	<i>BW-01</i>	<i>BW-01</i>	<i>BW-01</i>
		GW-041712-TP-042	GW-080112-MG-001	GW-102412-TP-053	GW-020513-SM-001	GW-042513-SM-040	GW-071513-SM-021
<i>Sample Date:</i>		4/17/2012	8/1/2012	10/24/2012	2/5/2013	4/25/2013	7/15/2013
<i>IDEML Residential</i>							
<i>Parameters</i>	<i>Units</i>	<i>Default Closure Levels</i>					
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	0.0069	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	0.2	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	0.0009	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	0.99	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	0.007	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	0.07	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	0.016	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.00005	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	0.6	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	0.016	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	0.08	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	0.075	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.0003 J
2,2-Dichloropropane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	8.4	R	R	R	R	R
2-Chlorotoluene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	-	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	2.2	ND (0.02)	ND (0.02) J	R	ND (0.02)	ND (0.02)
Acetone	mg/L	6.9	R	R	R	R	R
Benzene	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	0.08	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	0.08	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromomethane (Methyl bromide)	mg/L	0.011	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	1.3	ND (0.0005)				
Carbon tetrachloride	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	0.1	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	0.062	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	0.08	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:**Sample ID:****Sample Date:**

Parameters	Units	IDEML Residential					
		BW-01 GW-041712-TP-042 4/17/2012	BW-01 GW-080112-MG-001 8/1/2012	BW-01 GW-102412-TP-053 10/24/2012	BW-01 GW-020513-SM-001 2/5/2013	BW-01 GW-042513-SM-040 4/25/2013	BW-01 GW-071513-SM-021 7/15/2013
Chloromethane (Methyl chloride)	mg/L	-	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.07	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	0.7	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	0.011	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	0.83	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	0.005	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	0.0083	0.00014 J	0.00016 J	ND (0.002)	0.00013 J	0.00011 J
N-Butylbenzene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	0.31	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	0.1	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	-	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Toluene	mg/L	1	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00008 J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.1	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	0.005	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	-	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.002	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Metals~SPLP							
Arsenic	mg/L	0.01	-	-	-	-	-
Beryllium	mg/L	0.004	-	-	-	-	-
Chromium	mg/L	0.1	-	-	-	-	-
Lead	mg/L	0.015	-	-	-	-	-
Nickel	mg/L	0.73	-	-	-	-	-
Thallium	mg/L	0.002	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-02</i>						
<i>Sample ID:</i>	GW-041712-TP-040	GW-080112-MG-005	GW-080112-MG-006	GW-102612-TP-067	GW-020513-SM-005	GW-042513-SM-043	GW-071213-SM-013
<i>Sample Date:</i>	4/17/2012	8/1/2012	8/1/2012	10/26/2012	2/5/2013	4/25/2013	7/12/2013
<i>Parameters</i>							
<i>Units</i>							
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,1-Trichloroethane	mg/L	ND (0.0005)					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)					
1,1,2-Trichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethane	mg/L	ND (0.0005)					
1,1-Dichloroethene	mg/L	0.00083	0.00086	0.00084	0.00078	0.00088	0.00072
1,1-Dichloropropene	mg/L	ND (0.0005)					
1,2,3-Trichlorobenzene	mg/L	ND (0.002)					
1,2,3-Trichloropropane	mg/L	ND (0.0005)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)					
1,2,4-Trimethylbenzene	mg/L	ND (0.002)					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)					
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)					
1,2-Dichlorobenzene	mg/L	ND (0.0005)					
1,2-Dichloroethane	mg/L	ND (0.0005)					
1,2-Dichloropropane	mg/L	ND (0.0005)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)					
1,3-Dichlorobenzene	mg/L	ND (0.0005)					
1,3-Dichloropropane	mg/L	ND (0.0005)					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	0.00027 J				
2,2-Dichloropropane	mg/L	ND (0.0005)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)					
2-Hexanone	mg/L	R	R	R	ND (0.02)	ND (0.02)	ND (0.02)
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)					
4-Chlorotoluene	mg/L	ND (0.002)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)					
Bromobenzene	mg/L	ND (0.002)					
Bromodichloromethane	mg/L	ND (0.0005)					
Bromoform	mg/L	ND (0.0005)					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005)					
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)					
Chlorobromomethane	mg/L	ND (0.0005)					
Chloroethane	mg/L	ND (0.0005)					
Chloroform (Trichloromethane)	mg/L	ND (0.0005)					

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

Sample Location:

	BW-02 GW-041712-TP-040 4/17/2012	BW-02 GW-080112-MG-005 8/1/2012	BW-02 GW-080112-MG-006 8/1/2012 <i>(Duplicate)</i>	BW-02 GW-102612-TP-067 10/26/2012	BW-02 GW-020513-SM-005 2/5/2013	BW-02 GW-042513-SM-043 4/25/2013	BW-02 GW-071213-SM-013 7/12/2013
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Parameters

	Units						
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005)				
cis-1,2-Dichloroethene	mg/L	0.12	0.12	0.12	0.11	0.12	0.094
cis-1,3-Dichloropropene	mg/L	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J				
Ethylbenzene	mg/L	ND (0.0005)					
Hexachlorobutadiene	mg/L	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005)					
Methylene chloride	mg/L	ND (0.002)					
Naphthalene	mg/L	0.00012 J	0.00018 J	0.00018 J	0.0001 J	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002)					
o-Xylene	mg/L	ND (0.0005)					
Styrene	mg/L	ND (0.0005)					
tert-Butylbenzene	mg/L	ND (0.002)					
Tetrachloroethene	mg/L	ND (0.0005)					
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00007 J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.0076	0.0073	0.0072	0.007	0.0075	0.0061
trans-1,3-Dichloropropene	mg/L	ND (0.0005)					
Trichloroethene	mg/L	0.009	0.0099	0.0098	0.011	0.0099	0.0099
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)					
Vinyl chloride	mg/L	0.0059	0.0047	0.0047	0.0048	0.0065	0.0036
							0.0034

Metals~SPLP

Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-03</i>	<i>BW-03</i>	<i>BW-03</i>	<i>BW-05</i>	<i>BW-05</i>	<i>BW-05</i>	<i>BW-06</i>	<i>BW-06</i>
<i>Sample ID:</i>	GW-041712-TP-046	GW-102512-TP-058	GW-043013-SM-062	GW-041712-TP-044	GW-102312-TP-047	GW-043013-SM-063	GW-042012-TP-067	GW-042012-TP-069
<i>Sample Date:</i>	4/17/2012	10/25/2012	4/30/2013	4/17/2012	10/23/2012	4/30/2013	4/20/2012	4/20/2012 (Duplicate)
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0013)	-				
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0013)	-				
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0013)	-				
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0013)	-				
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0013)	-				
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00012 J	0.00018 J	0.00017 J	0.0015
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0013)	-				
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0013)					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.005)					
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.005)					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.005)					
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.005)					
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0013)					
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0013)					
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0013)					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.005)					
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0013)					
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0013)					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0013)					
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0013)					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	-
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.005)					
2-Hexanone	mg/L	R	ND (0.02)	R	R	ND (0.02)	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.005)					
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.005)					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	R	ND (0.02)	R	R	-
Acetone	mg/L	R	ND (0.02)	R	R	R	R	-
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00008 J	0.00009 J	0.00007 J	ND (0.0013)
Bromobenzene	mg/L	ND (0.002)	ND (0.005)					
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0013)					
Bromoform	mg/L	ND (0.0005)	ND (0.0013)					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0013)					
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0013)					
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0013)					
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0013)					
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0013)					
Chloroethane	mg/L	ND (0.0005)	ND (0.0013)					
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0013)					

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-03</i>	<i>BW-03</i>	<i>BW-03</i>	<i>BW-05</i>	<i>BW-05</i>	<i>BW-05</i>	<i>BW-06</i>	<i>BW-06</i>
<i>Sample ID:</i>	<i>GW-041712-TP-046</i>	<i>GW-102512-TP-058</i>	<i>GW-043013-SM-062</i>	<i>GW-041712-TP-044</i>	<i>GW-102312-TP-047</i>	<i>GW-043013-SM-063</i>	<i>GW-042012-TP-067</i>	<i>GW-042012-TP-069</i>
<i>Sample Date:</i>	<i>4/17/2012</i>	<i>10/25/2012</i>	<i>4/30/2013</i>	<i>4/17/2012</i>	<i>10/23/2012</i>	<i>4/30/2013</i>	<i>4/20/2012</i>	<i>4/20/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0013)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.044	0.048	0.057	0.91
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0013)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.005)					
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0013)					
Dibromomethane	mg/L	ND (0.0005)	ND (0.0013)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0013)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0013)					
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.005)					
Isopropyl benzene	mg/L	ND (0.002)	ND (0.005)					
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0013)					
Methylene chloride	mg/L	ND (0.002)	ND (0.005)					
Naphthalene	mg/L	ND (0.002)	0.00012 J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.005)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.005)					
N-Propylbenzene	mg/L	ND (0.002)	ND (0.005)					
o-Xylene	mg/L	ND (0.0005)	ND (0.0013)					
Styrene	mg/L	ND (0.0005)	ND (0.0013)					
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.005)					
Tetrachloroethene	mg/L	ND (0.0005)	0.00055 J					
Toluene	mg/L	ND (0.0005)	ND (0.0013)					
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00049 J	0.00048 J	0.00072	0.0057
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0013)					
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.012	0.0096	0.016	0.0065	-
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0013)					
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.0044	0.0035	0.0037	0.15
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	0.00014 J	0.00016 J
Beryllium	mg/L	-	-	-	-	-	0.000019 J	0.000021
Chromium	mg/L	-	-	-	-	-	ND (0.0002)	ND (0.00021)
Lead	mg/L	-	-	-	-	-	0.000035	0.000029
Nickel	mg/L	-	-	-	-	-	ND (0.0002)	ND (0.0002)
Thallium	mg/L	-	-	-	-	-	ND (0.00002)	ND (0.00002)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-06</i>	<i>BW-07</i>	<i>BW-07</i>	<i>BW-07</i>	<i>BW-09</i>	<i>BW-09</i>	<i>BW-09</i>	<i>BW-09</i>
<i>Sample ID:</i>	GW-042313-SM-029	GW-041312-TP-039	GW-102312-TP-042	GW-042413-SM-035	GW-041912-TP-055	GW-102412-TP-049	GW-102412-TP-050	GW-042313-SM-026
<i>Sample Date:</i>	4/23/2013	4/13/2012	10/23/2012	4/24/2013	4/19/2012	10/24/2012	10/24/2012 (Duplicate)	4/23/2013
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,1,1-Trichloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,1,2-Trichloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,1-Dichloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,1-Dichloroethene	mg/L	0.0026 J	0.0001 J	0.00013 J	0.00011 J	0.0043	0.0051	0.0049
1,1-Dichloropropene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,2,2-Trichlorobenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
1,2,3-Trichloropropane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,2,4-Trichlorobenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
1,2,4-Trimethylbenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	0.0007 J	0.0011 J	0.0011 J	0.0009 J
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.02) J	ND (0.002)	ND (0.002) J	ND (0.01)	ND (0.002)	ND (0.002)	ND (0.02) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.002)	ND (0.02)
1,2-Dichlorobenzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,2-Dichloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,2-Dichloropropane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,3,5-Trimethylbenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00031 J	0.00033 J
1,3-Dichlorobenzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,3-Dichloropropane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
1,4-Dichlorobenzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
2,2-Dichloropropane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.002)	ND (0.02)
2-Hexanone	mg/L	R	R	ND (0.02)	R	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00019 J	0.00021 J
4-Chlorotoluene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.1)	R	R
Acetone	mg/L	R	R	ND (0.02)	R	R	R	R
Benzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
Bromobenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.002)	ND (0.02)
Bromodichloromethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)	ND (0.005)
Bromoform	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0025)	ND (0.0005)	ND (0.005)
Bromomethane (Methyl bromide)	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025) J	ND (0.0005)	ND (0.005)
Carbon disulfide	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Carbon tetrachloride	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Chlorobenzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Chlorobromomethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Chloroethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Chloroform (Trichloromethane)	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-06</i>	<i>BW-07</i>	<i>BW-07</i>	<i>BW-07</i>	<i>BW-09</i>	<i>BW-09</i>	<i>BW-09</i>	<i>BW-09</i>
<i>Sample ID:</i>	GW-042313-SM-029	GW-041312-TP-039	GW-102312-TP-042	GW-042413-SM-035	GW-041912-TP-055	GW-102412-TP-049	GW-102412-TP-050	GW-042313-SM-026
<i>Sample Date:</i>	4/23/2013	4/13/2012	10/23/2012	4/24/2013	4/19/2012	10/24/2012	10/24/2012 (Duplicate)	4/23/2013
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	1.3	0.026	0.027	0.025	1.5	1.7	1.6
cis-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00018 J	0.0002 J
Dibromochloromethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Dibromomethane	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Ethylbenzene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	0.00019 J	0.0002 J
Hexachlorobutadiene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
Isopropyl benzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00011 J	0.00012 J
m&p-Xylenes	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	0.00024 J	0.00024 J
Methylene chloride	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
Naphthalene	mg/L	ND (0.02) J	0.00009 J	ND (0.002) J	ND (0.002) J	ND (0.01)	ND (0.002)	ND (0.002)
N-Butylbenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00015 J	0.00013 J
N-Propylbenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	0.00021 J	0.00021 J
o-Xylene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	0.00017 J	0.00017 J
Styrene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
tert-Butylbenzene	mg/L	ND (0.02)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.01)	ND (0.002)	ND (0.02)
Tetrachloroethene	mg/L	0.0091	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.36	0.33	0.37
Toluene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
trans-1,2-Dichloroethene	mg/L	0.008	0.00078	0.00083	0.00078	0.0037	0.005	0.0047
trans-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Trichloroethene	mg/L	0.091	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.39	0.49	0.55
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0025)	ND (0.0005)	ND (0.005)
Vinyl chloride	mg/L	0.15	0.01	0.0093	0.0099	0.078	0.064	0.054
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-11</i>	
<i>Sample ID:</i>	GW-041912-TP-057	GW-080212-MG-013	GW-102312-TP-044	GW-020513-SM-007	GW-042213-SM-022	GW-071113-SM-011	GW-041812-TP-053	
<i>Sample Date:</i>	4/19/2012	8/2/2012	10/23/2012	2/5/2013	4/22/2013	7/11/2013	4/18/2012	
<i>Parameters</i>		<i>Units</i>						
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,1-Trichloroethane	mg/L	ND (0.0005)						
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)						
1,1,2-Trichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethane	mg/L	ND (0.0005)						
1,1-Dichloroethene	mg/L	0.00026 J	0.00049 J	0.00027 J	0.00029 J	0.00025 J	0.00023 J	
1,1-Dichloropropene	mg/L	ND (0.0005)						
1,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	
1,2,3-Trichloropropane	mg/L	ND (0.0005)						
1,2,4-Trichlorobenzene	mg/L	ND (0.002)						
1,2,4-Trimethylbenzene	mg/L	ND (0.002)						
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)						
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)						
1,2-Dichlorobenzene	mg/L	ND (0.0005)						
1,2-Dichloroethane	mg/L	ND (0.0005)						
1,2-Dichloropropane	mg/L	ND (0.0005)						
1,3,5-Trimethylbenzene	mg/L	ND (0.002)						
1,3-Dichlorobenzene	mg/L	ND (0.0005)						
1,3-Dichloropropane	mg/L	ND (0.0005)						
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00018 J	ND (0.0005)	
2,2-Dichloropropane	mg/L	ND (0.0005)						
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	
2-Chlorotoluene	mg/L	ND (0.002)						
2-Hexanone	mg/L	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R	
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)						
4-Chlorotoluene	mg/L	ND (0.002)						
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	
Acetone	mg/L	R	R	ND (0.02)	R	R	R	
Benzene	mg/L	ND (0.0005)						
Bromobenzene	mg/L	ND (0.002)						
Bromodichloromethane	mg/L	ND (0.0005)						
Bromoform	mg/L	ND (0.0005)						
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	
Carbon disulfide	mg/L	ND (0.0005)						
Carbon tetrachloride	mg/L	ND (0.0005)						
Chlorobenzene	mg/L	ND (0.0005)						
Chlorobromomethane	mg/L	ND (0.0005)						
Chloroethane	mg/L	ND (0.0005)						
Chloroform (Trichloromethane)	mg/L	ND (0.0005)						

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-10</i>	<i>BW-11</i>
<i>Sample ID:</i>	GW-041912-TP-057	GW-080212-MG-013	GW-102312-TP-044	GW-020513-SM-007	GW-042213-SM-022	GW-071113-SM-011	GW-041812-TP-053
<i>Sample Date:</i>	4/19/2012	8/2/2012	10/23/2012	2/5/2013	4/22/2013	7/11/2013	4/18/2012
<i>Parameters</i>							
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	0.00016 J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.055	0.055	0.057	0.064	0.057	0.051
cis-1,3-Dichloropropene	mg/L	ND (0.0005)					
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)					
Dibromochloromethane	mg/L	ND (0.0005)					
Dibromomethane	mg/L	ND (0.0005)					
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)					
Hexachlorobutadiene	mg/L	ND (0.002)					
Isopropyl benzene	mg/L	ND (0.002)					
m&p-Xylenes	mg/L	ND (0.0005)					
Methylene chloride	mg/L	ND (0.002)					
Naphthalene	mg/L	0.00009 J	ND (0.002)	0.00013 J	0.00013 J	0.00019 J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)					
N-Propylbenzene	mg/L	ND (0.002)					
o-Xylene	mg/L	ND (0.0005)					
Styrene	mg/L	ND (0.0005)					
tert-Butylbenzene	mg/L	ND (0.002)					
Tetrachloroethene	mg/L	ND (0.0005)	0.00069				
Toluene	mg/L	ND (0.0005)					
trans-1,2-Dichloroethene	mg/L	0.0025	0.0027	0.0028	0.0028	0.0025	0.0024
trans-1,3-Dichloropropene	mg/L	ND (0.0005)					
Trichloroethene	mg/L	0.00049 J	0.00048 J	0.00048 J	0.0005	0.00041 J	0.00038 J
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)					
Vinyl chloride	mg/L	0.0054	0.004	0.0038	0.005	0.0037	0.0033
<i>Metals~SPLP</i>							
Arsenic	mg/L	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-13</i>	<i>BW-13</i>
<i>Sample ID:</i>	GW-080112-MG-004	GW-102912-TP-069	GW-020513-SM-004	GW-050113-SM-069	GW-071513-SM-023	GW-071513-SM-024	GW-041812-TP-050	GW-101712-TP-025
<i>Sample Date:</i>	8/1/2012	10/29/2012	2/5/2013	5/1/2013	7/15/2013	7/15/2013	4/18/2012	10/17/2012
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,1-Dichloroethene	mg/L	0.00038 J	0.00046 J	0.00045 J	0.00039 J	0.00042 J	0.00039 J	ND (0.0005) J
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J					
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J					
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J					
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J					
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J					
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	R	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J					
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J					
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J					
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J					
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J					
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J					
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00061	0.00036 J	ND (0.0005) J
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J					
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J					
2-Hexanone	mg/L	R	ND (0.02)	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J					
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J					
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	R	ND (0.02)	ND (0.02)	ND (0.02)	R
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	0.00009 J	0.00007 J	ND (0.0005) J
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J					
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005) J					
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J					
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005) J					
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J					
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J					
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J					
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J					
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005) J					

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-11</i>	<i>BW-13</i>	<i>BW-13</i>
<i>Sample ID:</i>	GW-080112-MG-004	GW-102912-TP-069	GW-020513-SM-004	GW-050113-SM-069	GW-071513-SM-023	GW-071513-SM-024 <i>(Duplicate)</i>	GW-041812-TP-050	GW-101712-TP-025
<i>Sample Date:</i>	8/1/2012	10/29/2012	2/5/2013	5/1/2013	7/15/2013	7/15/2013	4/18/2012	10/17/2012
Parameters								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	0.069	0.068	0.08	0.071	0.072	0.01	0.0094 J
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
Naphthalene	mg/L	0.00021 J	ND (0.002)	ND (0.002)	0.0011 J	ND (0.002) J	ND (0.002)	ND (0.002) J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J				
Tetrachloroethene	mg/L	0.00045 J	0.00065	0.0006	0.00055	0.00031 J	0.00044 J	ND (0.0005)
Toluene	mg/L	ND (0.0005)	ND (0.0005)	0.00007 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
trans-1,2-Dichloroethene	mg/L	0.0016	0.0019	0.002	0.0017	0.0016	0.0018	0.00015 J
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Trichloroethene	mg/L	0.022	0.026	0.024	0.022	0.013	0.019	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J				
Vinyl chloride	mg/L	0.0042	0.0045	0.0051	0.0039	0.0046	0.0047	0.00068
Metals~SPLP								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-13</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-15</i>	<i>BW-15</i>	<i>BW-15</i>	
<i>Sample ID:</i>	GW-042313-SM-031	GW-041812-TP-051	GW-041812-TP-052	GW-102912-TP-075	GW-042913-SM-055	GW-041612-TP-047	GW-102512-TP-060	GW-043013-SM-067	
<i>Sample Date:</i>	4/23/2013	4/18/2012	4/18/2012 <i>(Duplicate)</i>	10/29/2012	4/29/2013	4/16/2012	10/25/2012	4/30/2013	
<i>Parameters</i>		<i>Units</i>							
<i>Volatile Organic Compounds</i>									
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	0.0037	0.0036	0.00034 J	0.00049 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	R	ND (0.02)	ND (0.02)	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)	ND (0.02)	R	R
Acetone	mg/L	R	R	R	R	R	R	ND (0.02)	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-13</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-14</i>	<i>BW-15</i>	<i>BW-15</i>	<i>BW-15</i>
<i>Sample ID:</i>	<i>GW-042313-SM-031</i>	<i>GW-041812-TP-051</i>	<i>GW-041812-TP-052</i>	<i>GW-102912-TP-075</i>	<i>GW-042913-SM-055</i>	<i>GW-041612-TP-047</i>	<i>GW-102512-TP-060</i>	<i>GW-043013-SM-067</i>
<i>Sample Date:</i>	<i>4/23/2013</i>	<i>4/18/2012</i>	<i>4/18/2012 (Duplicate)</i>	<i>10/29/2012</i>	<i>4/29/2013</i>	<i>4/16/2012</i>	<i>10/25/2012</i>	<i>4/30/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	0.0071	0.67	0.67	0.064	0.075	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	0.00036 J	ND (0.0005)				
Toluene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	0.00009 J	0.039	0.034	0.0031	0.0037	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	0.12	0.12	0.013	0.0047	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	0.00041 J	0.069	0.067	0.0054	0.012	ND (0.0005)	ND (0.0005)
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-16</i>	<i>BW-16</i>	<i>BW-16</i>	<i>BW-17</i>	<i>BW-18</i>	<i>BW-18</i>	<i>BW-18</i>	<i>BW-18A</i>
<i>Sample ID:</i>	GW-041312-TP-022	GW-101812-TP-031	GW-042213-SM-023	GW-041612-TP-045	GW-041212-TP-035	GW-101712-TP-027	GW-042213-SM-020	GW-041312-TP-037
<i>Sample Date:</i>	4/13/2012	10/18/2012	4/22/2013	4/16/2012	4/12/2012	10/17/2012	4/22/2013	4/13/2012
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	ND (0.02)	R	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	R	ND (0.02)	ND (0.02)	ND (0.02)	R	ND (0.02)
Acetone	mg/L	R	R	R	R	R	R	0.06 J
Benzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-16</i>	<i>BW-16</i>	<i>BW-16</i>	<i>BW-17</i>	<i>BW-18</i>	<i>BW-18</i>	<i>BW-18</i>	<i>BW-18A</i>	
<i>Sample ID:</i>	GW-041312-TP-022	GW-101812-TP-031	GW-042213-SM-023	GW-041612-TP-045	GW-041212-TP-035	GW-101712-TP-027	GW-042213-SM-020	GW-041312-TP-037	
<i>Sample Date:</i>	4/13/2012	10/18/2012	4/22/2013	4/16/2012	4/12/2012	10/17/2012	4/22/2013	4/13/2012	
<i>Parameters</i>									
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005) J	0.00017 J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	0.0002 J	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00078	0.00033 J	0.00061	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Naphthalene	mg/L	0.00013 J	0.00025 J	ND (0.002)	ND (0.002)	ND (0.002)	0.00022 J	0.00009 J	0.00083 J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00032 J	0.00049 J	0.00019 J	ND (0.0005)
Toluene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.0017	0.00092 J	0.0013	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
<i>Metals~SPLP</i>									
Arsenic	mg/L	-	-	-	-	-	-	-	
Beryllium	mg/L	-	-	-	-	-	-	-	
Chromium	mg/L	-	-	-	-	-	-	-	
Lead	mg/L	-	-	-	-	-	-	-	
Nickel	mg/L	-	-	-	-	-	-	-	
Thallium	mg/L	-	-	-	-	-	-	-	

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-18A</i>	<i>BW-18A</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-20</i>	<i>BW-20</i>
<i>Sample ID:</i>	<i>GW-101812-TP-032</i>	<i>GW-042213-SM-019</i>	<i>GW-041112-TP-025</i>	<i>GW-101612-TP-018</i>	<i>GW-042613-SM-048</i>	<i>GW-042613-SM-049</i>	<i>GW-041212-TP-033</i>	<i>GW-101612-TP-022</i>
<i>Sample Date:</i>	<i>10/18/2012</i>	<i>4/22/2013</i>	<i>4/11/2012</i>	<i>10/16/2012</i>	<i>4/26/2013</i>	<i>4/26/2013</i> <i>(Duplicate)</i>	<i>4/12/2012</i>	<i>10/16/2012</i>
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1,1-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1,2-Trichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,1-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2,4-Trichlorobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2,4-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,2-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2-Dichloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,3,5-Trimethylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
1,3-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,3-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
1,4-Dichlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
2,2-Dichloropropane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
2-Hexanone	mg/L	R	ND (0.02)	R	ND (0.02) J	R	R	ND (0.02) J
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
4-Chlorotoluene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	ND (0.02)	R	R	ND (0.02)	R
Acetone	mg/L	0.0062 J	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromobenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
Bromodichloromethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromoform	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Bromomethane (Methyl bromide)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon disulfide	mg/L	ND (0.0005) J	0.00022 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Carbon tetrachloride	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chlorobenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chlorobromomethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chloroethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Chloroform (Trichloromethane)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-18A</i>	<i>BW-18A</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-19</i>	<i>BW-20</i>	<i>BW-20</i>
<i>Sample ID:</i>	<i>GW-101812-TP-032</i>	<i>GW-042213-SM-019</i>	<i>GW-041112-TP-025</i>	<i>GW-101612-TP-018</i>	<i>GW-042613-SM-048</i>	<i>GW-042613-SM-049</i>	<i>GW-041212-TP-033</i>	<i>GW-101612-TP-022</i>
<i>Sample Date:</i>	<i>10/18/2012</i>	<i>4/22/2013</i>	<i>4/11/2012</i>	<i>10/16/2012</i>	<i>4/26/2013</i>	<i>4/26/2013</i> <i>(Duplicate)</i>	<i>4/12/2012</i>	<i>10/16/2012</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0049)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	ND (0.0005) J	0.0001 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
cis-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
Dibromochloromethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Dibromomethane	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Ethylbenzene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Hexachlorobutadiene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
Isopropyl benzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
m&p-Xylenes	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Methylene chloride	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
Naphthalene	mg/L	0.0012 J	0.00076 J	0.00014 J	ND (0.002) J	0.00014 J	ND (0.002)	0.00013 J
N-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
N-Propylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
o-Xylene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Styrene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
tert-Butylbenzene	mg/L	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J
Tetrachloroethene	mg/L	0.00013 J	0.00015 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	0.00016 J
Toluene	mg/L	0.00012 J	0.00007 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.0002 J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
trans-1,3-Dichloropropene	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Trichloroethene	mg/L	ND (0.0005) J	0.0001 J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
Vinyl chloride	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-20</i>	<i>BW-23</i>	<i>BW-23</i>	<i>BW-23</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>
<i>Sample ID:</i>	GW-042613-SM-051	GW-041612-TP-049	GW-101612-TP-017	GW-050113-SM-075	GW-062712-TP-006	GW-080112-MG-008	GW-102312-TP-043	GW-020613-SM-011
<i>Sample Date:</i>	4/26/2013	4/16/2012	10/16/2012	5/1/2013	6/27/2012	8/1/2012	10/23/2012	2/6/2013
<i>Parameters</i>								
	<i>Units</i>							
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	ND (0.02) J	R	R	ND (0.02)	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	R	ND (0.02)	R	R	R	ND (0.02)	ND (0.02)
Acetone	mg/L	R	R	R	R	R	ND (0.02)	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	0.00008 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	0.004 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-20</i>	<i>BW-23</i>	<i>BW-23</i>	<i>BW-23</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>
<i>Sample ID:</i>	<i>GW-042613-SM-051</i>	<i>GW-041612-TP-049</i>	<i>GW-101612-TP-017</i>	<i>GW-050113-SM-075</i>	<i>GW-062712-TP-006</i>	<i>GW-080112-MG-008</i>	<i>GW-102312-TP-043</i>	<i>GW-020613-SM-011</i>
<i>Sample Date:</i>	<i>4/26/2013</i>	<i>4/16/2012</i>	<i>10/16/2012</i>	<i>5/1/2013</i>	<i>6/27/2012</i>	<i>8/1/2012</i>	<i>10/23/2012</i>	<i>2/6/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005) J
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Naphthalene	mg/L	0.00018 J	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002) J	0.00012 J	0.00012 J
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	0.0002 J	0.00022 J	0.00017 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Toluene	mg/L	ND (0.0005)	ND (0.0005)	0.00009 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	0.0004 J	0.0005 J	0.00022 J	ND (0.0005)	ND (0.0005)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Vinyl chloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.00014 J	0.00018 J	ND (0.0005)
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>
<i>Sample ID:</i>	GW-020613-SM-012	GW-042513-SM-046	GW-071113-SM-006	GW-062612-TP-004	GW-062612-TP-005	GW-101712-TP-026	GW-041913-SM-017	GW-071013-SM-005
<i>Sample Date:</i>	2/6/2013	4/25/2013	7/11/2013	6/26/2012	6/26/2012 <i>(Duplicate)</i>	10/17/2012	4/19/2013	7/10/2013
<i>Parameters</i>								
<i>Units</i>								
<i>Volatile Organic Compounds</i>								
1,1,1,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,1-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1,2-Trichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,1-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,2,3-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,3-Trichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2,4-Trichlorobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2,4-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,2-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3,5-Trimethylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
1,3-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,3-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
1,4-Dichlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	0.00051	ND (0.0005)	ND (0.0005) J	ND (0.0005)	0.00029 J
2,2-Dichloropropane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	R	R	R	R	R	R	R
2-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
2-Hexanone	mg/L	R	R	ND (0.02)	ND (0.02)	R	R	R
2-Phenylbutane (sec-Butylbenzene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Chlorotoluene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	R	R	R	R
Acetone	mg/L	R	R	R	R	R	R	R
Benzene	mg/L	ND (0.0005)	ND (0.0005)	0.0011	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Bromobenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Bromodichloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromoform	mg/L	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Bromomethane (Methyl bromide)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon disulfide	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Carbon tetrachloride	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chlorobromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Chloroform (Trichloromethane)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)

TABLE 3.2

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**SUMMARY OF 2012 AND 2013 BEDROCK GROUNDWATER ANALYTICAL DATA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA**

<i>Sample Location:</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-24</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>	<i>BW-25</i>
<i>Sample ID:</i>	<i>GW-020613-SM-012</i>	<i>GW-042513-SM-046</i>	<i>GW-071113-SM-006</i>	<i>GW-062612-TP-004</i>	<i>GW-062612-TP-005</i>	<i>GW-101712-TP-026</i>	<i>GW-041913-SM-017</i>	<i>GW-071013-SM-005</i>
<i>Sample Date:</i>	<i>2/6/2013</i>	<i>4/25/2013</i>	<i>7/11/2013</i>	<i>6/26/2012</i>	<i>6/26/2012</i> <i>(Duplicate)</i>	<i>10/17/2012</i>	<i>4/19/2013</i>	<i>7/10/2013</i>
<i>Parameters</i>								
Chloromethane (Methyl chloride)	mg/L	ND (0.0005) J	ND (0.0005)	0.0001 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
cis-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	0.0002 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
cis-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Cymene (p-Isopropyltoluene)	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)	ND (0.002)
Dibromochloromethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)
Dibromomethane	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)
Dichlorodifluoromethane (CFC-12)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Ethylbenzene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Hexachlorobutadiene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Isopropyl benzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
m&p-Xylenes	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Methylene chloride	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Naphthalene	mg/L	0.00011 J	ND (0.002) J	ND (0.002)	ND (0.002)	ND (0.002) J	0.00014 J	ND (0.002)
N-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
N-Propylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
o-Xylene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Styrene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
tert-Butylbenzene	mg/L	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002) J	ND (0.002)
Tetrachloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Toluene	mg/L	ND (0.0005)	0.00007 J	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,2-Dichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
trans-1,3-Dichloropropene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichloroethene	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Trichlorofluoromethane (CFC-11)	mg/L	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
Vinyl chloride	mg/L	0.00017 J	0.00016 J	0.00014 J	ND (0.0005)	ND (0.0005)	ND (0.0005) J	ND (0.0005)
<i>Metals~SPLP</i>								
Arsenic	mg/L	-	-	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-

TABLE 3.3

MANN-KENDAL TREND TEST SUMMARY
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

Well ID	Date Range	# Values	cDCE	PCE	TCE	Vinyl Chloride
<i>Northern Plume Wells</i>						
BW-03	8/21/2003	4/30/2013	26	Downward Trend	Downward Trend	Downward Trend
BW-05	10/25/2003	4/30/2013	23	Downward Trend	Downward Trend	Downward Trend
BW-09	10/26/2003	4/23/2013	24	Downward Trend	Downward Trend	Downward Trend
	1/30/2008	4/23/2013	16	Downward Trend	Downward Trend	Downward Trend
BW-15	12/8/2004	4/30/2013	20	No Trend	No Trend	No Trend
BW-16	12/8/2013	4/22/2013	21	Downward Trend	Downward Trend	Downward Trend
BW-18	12/8/2004	4/22/2013	24	Downward Trend	No Trend	Downward Trend
OB-19	2/28/2001	4/23/2013	24	Downward Trend	Downward Trend	Downward Trend
OB-28	2/28/2001	4/30/2013	23	Downward Trend	Downward Trend	Downward Trend
OB-30	10/24/2013	4/30/2013	23	Downward Trend	Downward Trend	Downward Trend
OB-31	10/24/2003	4/30/2013	24	No Trend	Downward Trend	No Trend
OB-38	12/8/2004	4/30/2013	22	No Trend	Downward Trend	No Trend
<i>Southern Plume Wells</i>						
BW-02	10/25/2013	7/12/2013	28	No Trend	Downward Trend	Upward Trend
BW-04	10/24/2003	11/4/2009	17	No Trend	No Trend	No Trend
BW-07	8/19/2003	4/24/2013	33	No Trend	No Trend	Downward Trend
BW-11	12/9/2004	7/15/2013	27	Downward Trend	Downward Trend	Downward Trend
BW-14	12/10/2004	4/29/2013	23	Downward Trend	No Trend	Downward Trend
OB-03	1/17/2000	11/3/2009	12	No Trend	No Trend	No Trend
OB-06	3/2/2001	7/15/2013	24	No Trend	No Trend	No Trend
	7/14/2009	7/15/2013	14	Downward Trend	Downward Trend	Downward Trend
OB-08	3/1/2001	7/15/2013	31	Downward Trend	Downward Trend	Downward Trend
OB-32	10/24/2003	7/10/2013	27	No Trend	No Trend	Downward Trend
OB-34	10/10/2004	4/29/2013	23	Downward Trend	Downward Trend	Downward Trend
OB-36	12/6/2004	4/24/2013	23	Downward Trend	Downward Trend	Downward Trend
OB-37	12/6/2004	7/10/2013	27	Upward Trend	Downward Trend	Downward Trend
OB-43D	8/22/2006	4/19/2013	24	No Trend	No Trend	No Trend
OB-45D	8/17/2005	10/28/2009	16	No Trend	No Trend	Downward Trend
OB-45S	8/16/2005	4/19/2013	19	No Trend	No Trend	Downward Trend

PCE - Tetrachloroethene

TCE - Trichloroethene

cDCE - cis-1,2-dichloroethene

TABLE 4.1

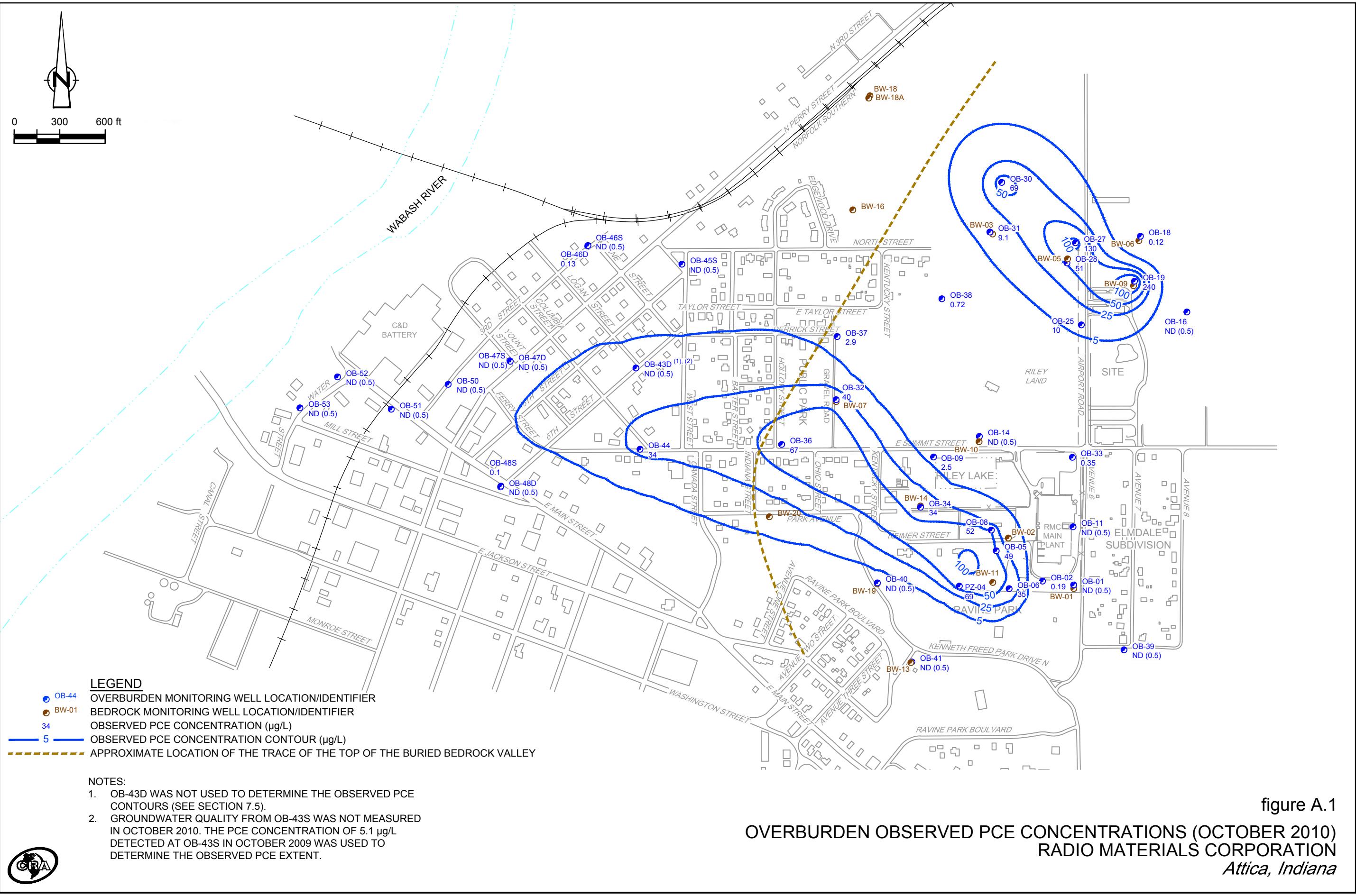
MONTHLY MEAN DISCHARGE IN THE WABASH RIVER NEAR LAFAYETTE, INDIANA
RADIO MATERIALS CORPORATION
ATTICA, INDIANA

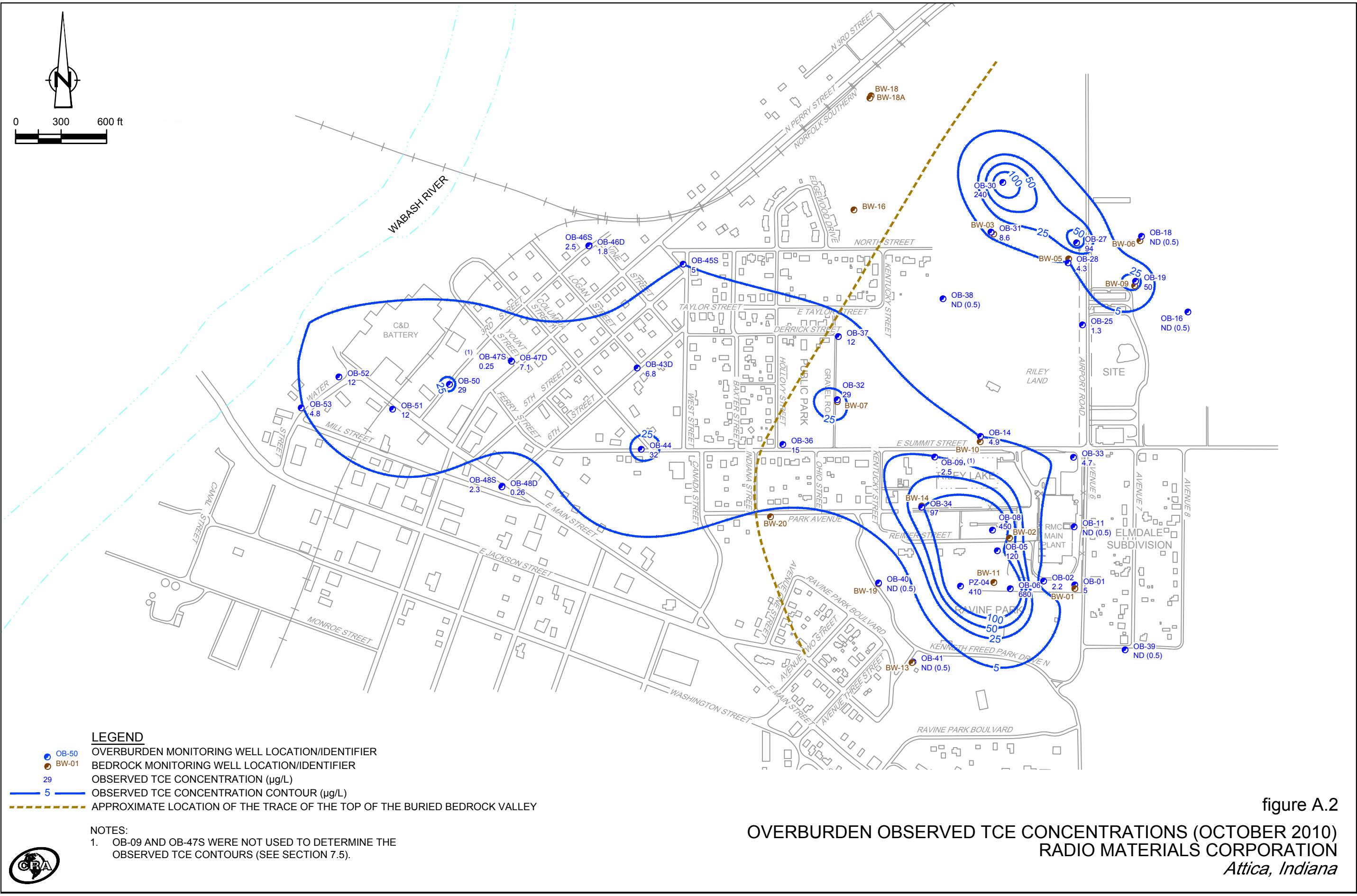
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Minimum
1962	12,390	10,470	19,500	5,169	4,474	3,963	6,428	1,601	1,284	1,710	1,466	1,150	1,150
1963	1,070	1,236	16,600	5,993	3,545	2,786	3,069	1,337	777.7	651.6	846.3	747.4	652
1964	1,308	1,232	9,999	20,620	4,817	3,291	4,206	941.5	756.8	697.9	828	1,085	698
1965	4,592	8,320	12,260	17,180	5,168	2,725	2,255	1,221	2,686	1,642	1,632	3,895	1,221
1966	4,822	4,059	4,340	3,505	7,270	2,487	1,397	840.6	765.7	732.4	2,633	20,830	732
1967	4,802	10,470	16,870	12,500	9,995	3,393	1,859	1,097	1,384	1,504	2,098	19,950	1,097
1968	8,530	20,390	7,179	8,631	9,701	7,458	4,217	4,398	1,954	2,330	3,693	6,680	1,954
1969	17,750	15,530	5,609	11,080	7,353	7,277	8,029	2,512	3,434	6,873	10,640	5,152	2,512
1970	3,577	7,817	8,557	16,120	14,010	4,184	2,883	3,207	3,048	3,981	5,146	4,455	2,883
1971	2,480	14,960	11,790	3,205	4,123	5,345	2,516	1,300	3,076	2,918	2,307	11,200	1,300
1972	7,454	3,138	6,646	20,480	10,260	4,657	3,600	2,174	8,106	10,640	18,800	15,620	2,174
1973	13,950	8,881	16,910	16,600	6,693	10,300	3,725	5,984	2,132	2,573	4,577	11,710	2,132
1974	21,700	18,880	14,950	13,650	13,400	6,536	2,388	1,434	2,013	1,822	3,320	6,375	1,434
1975	11,060	13,500	11,200	6,824	7,568	13,970	3,269	3,104	4,265	2,935	3,092	9,819	2,935
1976	5,864	21,330	16,850	4,500	2,881	4,486	3,336	1,728	1,900	1,865	1,588	941.4	941
1977	734.5	2,211	10,690	6,663	3,828	1,437	1,790	4,136	6,170	5,371	4,281	14,330	735
1978	5,745	2,904	20,030	22,000	10,870	5,240	4,343	1,580	1,657	1,793	2,190	3,208	1,580
1979	3,461	4,050	22,090	13,570	5,329	3,572	4,051	5,230	1,887	2,370	4,827	8,695	1,887
1980	5,410	5,356	17,210	13,180	3,714	14,930	4,025	5,323	3,098	2,402	2,584	3,047	2,402
1981	1,820	8,761	4,192	7,651	16,210	15,750	9,136	3,745	5,279	4,071	4,113	3,951	1,820
1982	10,420	17,760	33,560	21,340	6,136	8,082	3,179	2,189	1,538	2,121	5,791	14,110	1,538
1983	6,539	5,549	4,322	14,150	16,070	3,991	2,571	1,140	1,031	2,181	3,822	11,380	1,031
1984	2,392	14,080	16,270	14,390	10,520	4,964	2,876	1,947	1,538	2,963	5,094	5,629	1,538
1985	9,206	15,510	23,960	12,940	3,404	3,517	1,776	2,220	1,795	2,961	13,290	17,050	1,776
1986	4,361	11,720	14,800	4,022	7,734	13,020	9,346	2,352	2,461	6,561	4,744	5,799	2,352
1987	4,065	6,783	5,217	4,616	4,822	4,134	3,158	2,605	1,922	2,288	2,966	11,650	1,922
1988	5,455	9,323	7,582	10,710	2,362	1,145	910.8	970	1,276	2,008	4,956	3,747	911
1989	9,135	4,255	4,434	7,731	9,088	15,280	4,962	2,603	10,650	3,504	5,551	2,407	2,407
1990	7,454	20,480	16,840	7,999	12,590	7,537	7,035	12,090	5,872	13,300	8,097	17,380	5,872
1991	23,700	9,257	14,540	10,750	6,770	6,205	2,131	1,315	1,524	3,598	6,027	5,563	1,315
1992	4,556	6,159	6,615	10,140	4,479	4,922	11,430	5,520	8,032	4,820	19,910	9,662	4,479
1993	26,450	6,751	17,380	15,750	7,287	9,308	13,930	3,670	6,514	7,373	11,720	9,179	3,670
1994	5,963	9,280	7,192	16,960	6,459	5,559	5,766	2,584	1,636	2,081	3,744	4,525	1,636
1995	6,785	3,404	9,416	8,785	10,300	7,291	5,509	4,224	1,504	2,350	3,583	1,870	1,504
1996	6,085	4,027	5,222	4,816	15,080	12,830	9,751	4,083	1,991	2,745	6,781	14,170	1,991
1997	9,817	17,380	22,010	6,211	7,995	17,070	5,711	3,120	3,070	2,184	2,714	4,447	2,184
1998	11,530	6,248	17,510	16,360	10,540	15,720	19,180	12,890	3,462	2,991	3,503	2,772	2,772
1999	12,300	15,270	13,070	12,710	6,664	5,146	1,935	1,388	1,468	1,746	1,413	1,624	1,388
2000	1,286	3,476	3,916	3,971	5,544	11,380	5,228	1,864	2,002	2,361	2,626	4,077	1,286
2001	3,808	18,240	5,736	8,712	6,224	7,693	3,990	3,054	2,962	17,250	7,493	13,490	2,962
2002	3,881	14,920	11,250	18,370	16,700	6,110	2,340	1,877	1,327	1,584	2,196	2,136	1,327
2003	3,896	2,689	8,548	4,863	15,400	5,207	31,730	7,561	12,680	6,835	7,134	11,320	2,689
2004	11,820	5,328	10,430	4,756	4,841	19,330	4,857	5,688	4,946	2,782	7,836	12,630	2,782
2005	32,700	23,380	8,592	5,851	4,389	3,485	2,491	1,673	2,192	2,478	3,761	4,877	1,673
2006	11,030	8,915	8,662	8,637	13,010	6,464	4,125	2,879	2,971	7,350	9,142	17,930	2,879
2007	23,650	5,297	23,890	12,760	5,724	2,570	1,780	3,173	2,578	2,199	6,457	16,970	1,780
2008	18,540	26,350	21,630	11,850	8,676	10,610	4,227	2,632	1,915	1,897	2,127	7,468	1,897
2009	4,950	16,010	20,920	19,060	15,760	7,368	2,524	2,410	1,509	3,274	4,161	7,237	1,509
2010	6,855	4,715	15,100	6,684	10,810	18,690	4,515	3,657	1,464	1,866	3,242	2,649	1,464
2011	3,179	10,100	19,910</td										

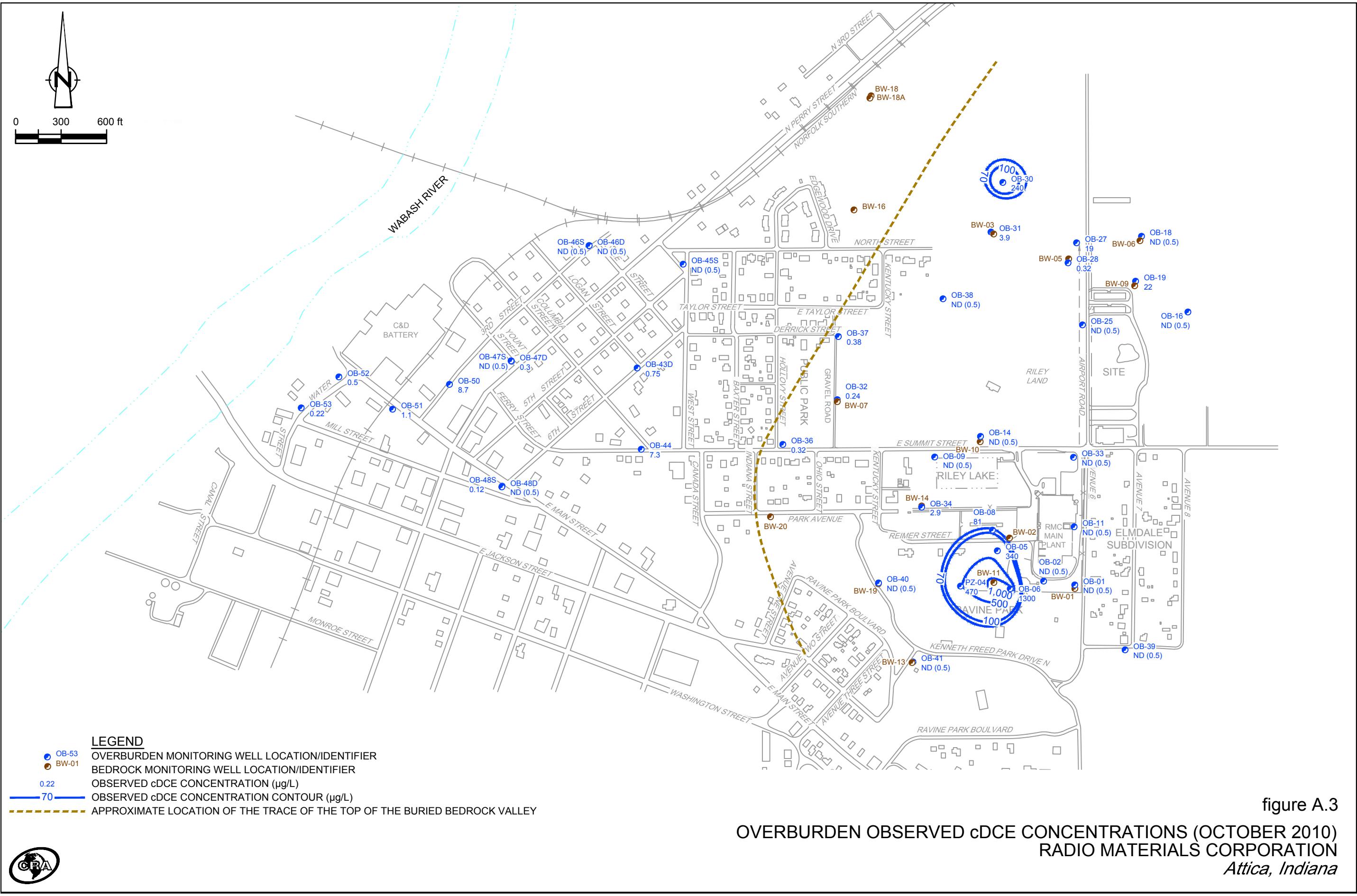
APPENDICES

APPENDIX A

2010 GROUNDWATER DATA SUMMARY FIGURES







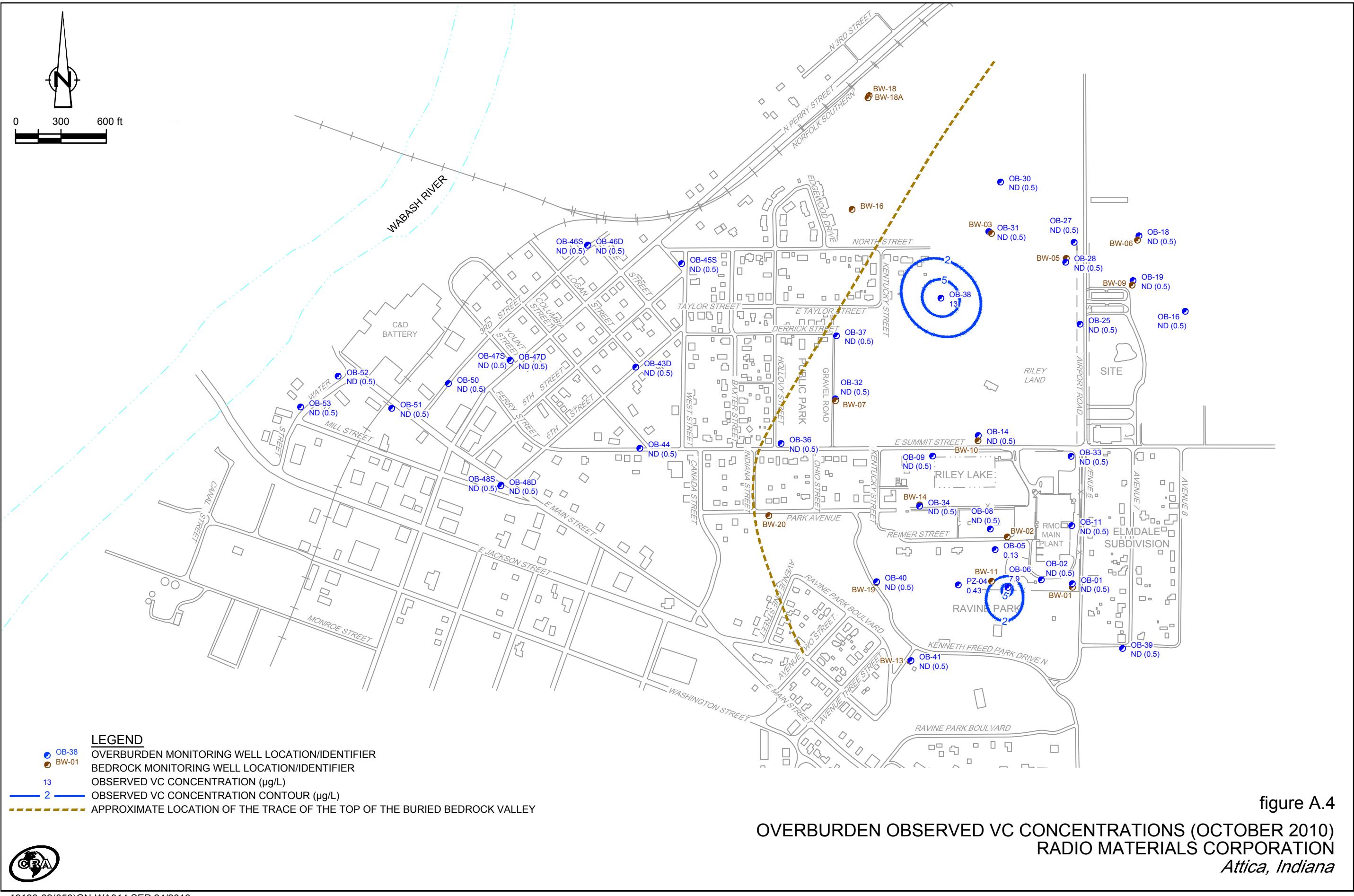
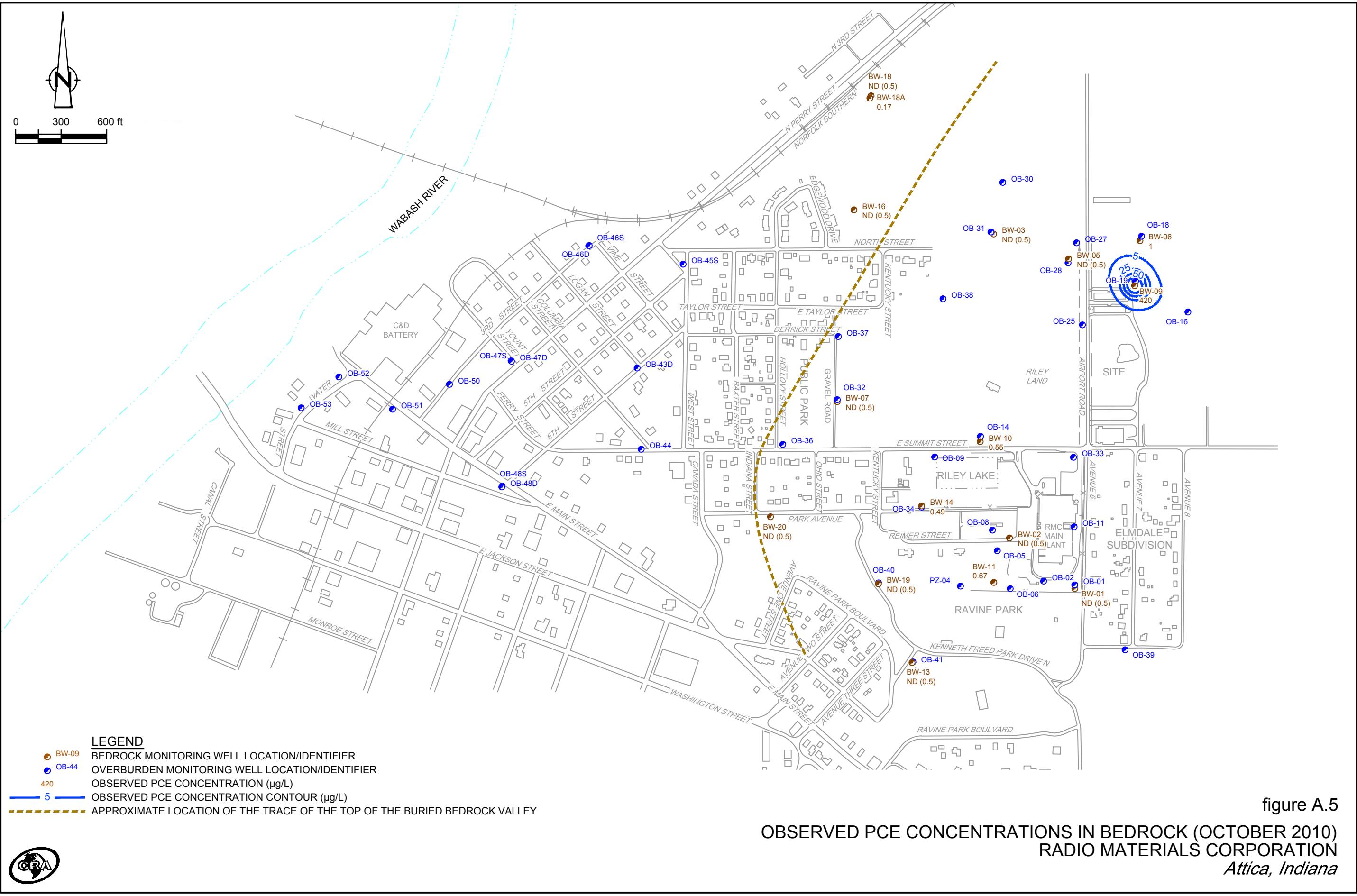
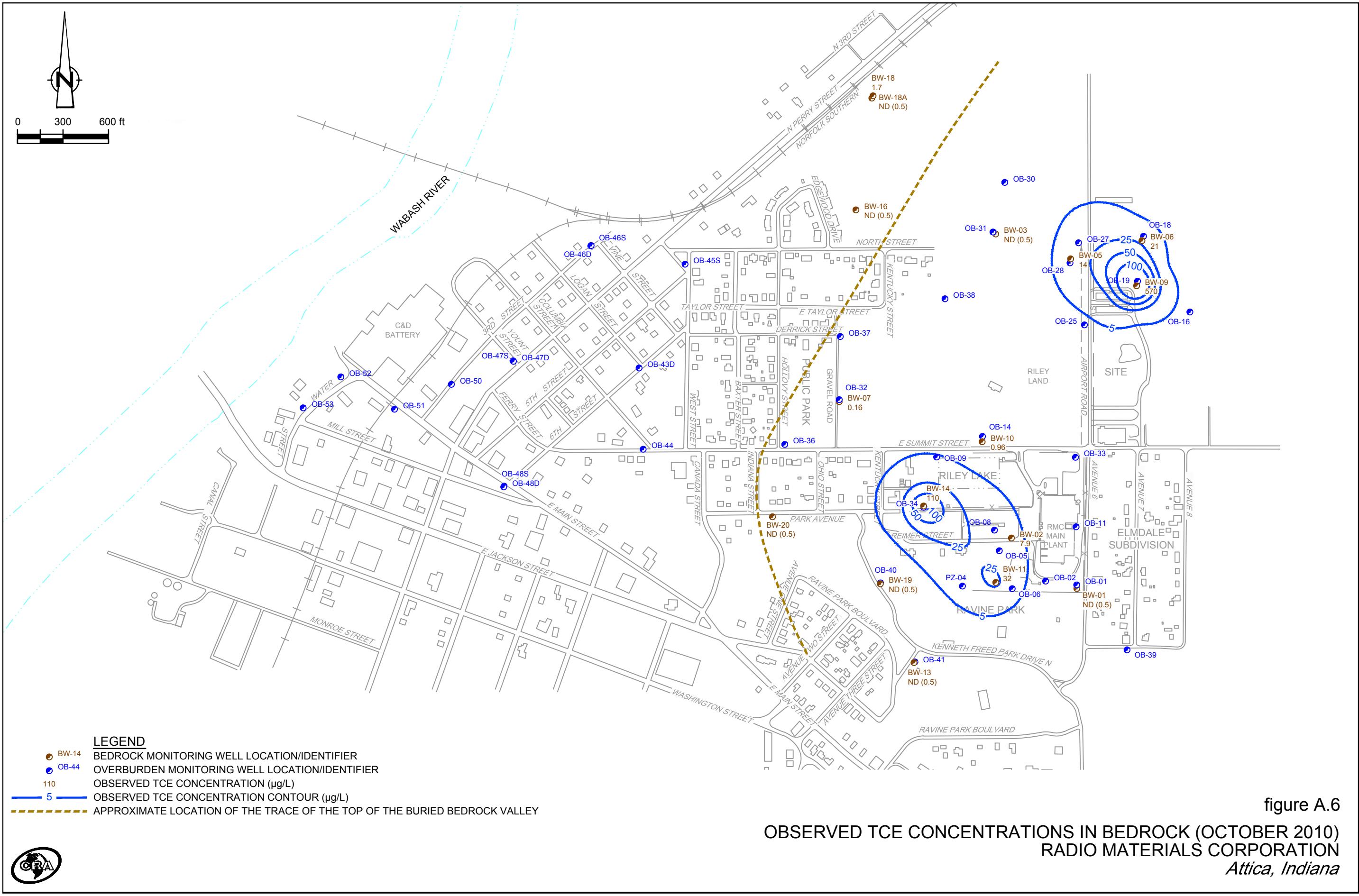
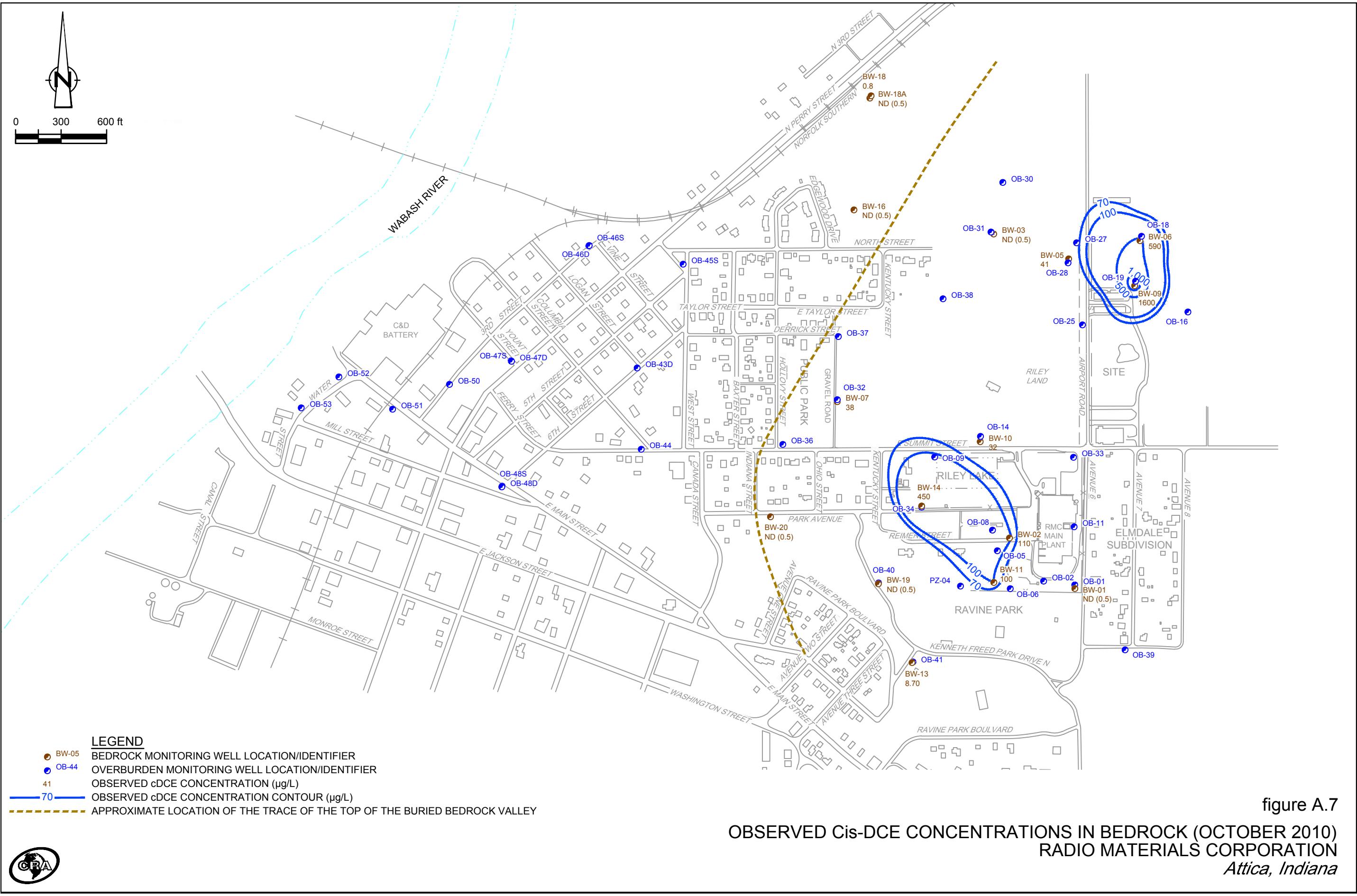


figure A.4

OVERBURDEN OBSERVED VC CONCENTRATIONS (OCTOBER 2010)
RADIO MATERIALS CORPORATION
Attica, Indiana







APPENDIX B

CITY OF ATTICA RESTRICTIVE GROUNDWATER ORDINANCE

ORDINANCE NO. 2 2013

AN ORDINANCE AMENDING CHAPTER 9, ARTICLE 6, SECTION 9
BY THE INCLUSION OF SECTION 9-89
PROHIBITING THE INSTALLATION AND USE OF NEW WATER WELLS
WITHIN THE CITY OF ATTICA, INDIANA

WHEREAS, ground water existing beneath the ground of the City of Attica may contain certain volatile organic compounds, in some instances above U.S. EPA's maximum contaminant levels (MCLs) for those specific compounds; and

WHEREAS, the Common Council for the City of Attica finds that the public health, safety and welfare of the Attica residents is best protected by restricting installation or use of new water wells within the City of Attica; and

WHEREAS, a public water utility system is operated and maintained for the City of Attica that provides a safe and reliable water supply to customers throughout the entire City.

NOW, THEREFORE, be it ordained by the Common Council for the City of Attica as follows:

Section One: The term "water well" means any system used to extract ground water for human consumption or other use. The term does not include ground water wells used as part of an environmental investigation, monitoring or remediation project.

Section Two: Beginning on the effective date of this Ordinance, the installation or use of any new water well at any property within the City of Attica is prohibited.

Section Three: No person, including any corporation, partnership or association, shall use, drill, or otherwise install any new water well within the City of Attica in violation of this Ordinance.

Section Four: Nothing in this Ordinance shall be construed as requiring Attica or any public water utility to install or provide any water improvements or service to any person or premises that are not otherwise currently in existence at the time of passage of this Ordinance.

Section Five: Violations of this Ordinance shall subject the Violator to the provisions of Section 1-17 of the Attica City Code. In addition, the City may seek to enjoin the violation of the provisions of this Ordinance in a Court of competent jurisdiction. Each day that such person continues to operate or maintain any such water well shall be a separate violation.

Section Six: Pursuant to Indiana Code § 36-1-6-11, Attica must give written notice to the Indiana Department of Environmental Management (IDEM) of the adoption of this Ordinance within thirty (30) days of its passage. The City is hereby ordered to provide such notice to IDEM at the following address:

IDEML Office of Land Quality
Remediation Services Branch
Attn: Branch Chief
100 N. Senate Avenue
MC66-22
Indianapolis, Indiana 46204-2251

Section Seven: In addition, and also pursuant to Indiana Code § 36-1-6-11, the City must give written notice to IDEM no later than sixty days before Attica would either amend or repeal this Ordinance. Accordingly, this Ordinance provides that such notice be timely provided in the event the City ever seeks to amend or repeal this Ordinance. If this Ordinance is subsequently amended or repealed, Attica must further provide written notice to IDEM of such repeal or amendment. Attica is hereby ordered to provide such written notices as may be required by Section 7.

Section Eight: This Ordinance shall become effective upon its final passage by the Attica City Council.

This Ordinance was adopted by the Common Council for the City of Attica, Indiana, this 11 day of March, 2013, by a vote of 5 for and 0 against.

Valarie S. Mauz
Sponsoring Council Member

ATTEST:

Susan Stoll
Susan Stoll, Clerk-Treasurer

Robert Shepherd
Robert Shepherd, Mayor

ATTEST:

Susan Stoll
Susan Stoll, Clerk-Treasurer

APPENDIX C

SURFACE WATER ANALYTICAL DATA



August 17, 2012

Analytical Report for Service Request No: K1207811

Michael Richardson
Conestoga-Rovers & Associates, Incorporated
6520 Corporate Drive
Indianapolis, IN 46278

RE: RMC - Attica In/19190-02

Dear Michael:

Enclosed are the results of the rush samples submitted to our laboratory on August 09, 2012. For your reference, these analyses have been assigned our service request number K1207811.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.caslab.com. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3364. You may also contact me via Email at Howard.Holmes@alsglobal.com.

Respectfully submitted,

Columbia Analytical Services, Inc.


Howard Holmes
Project Manager

HH/lg

Page 1 of 364



ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626

PHONE +1 360 577 7222 | FAX +1 360 636 1068

Columbia Analytical Services, Inc.

Part of the ALS Group A Campbell Brothers Limited Company



www.caslab.com • www.alsglobal.com

RIGHT SOLUTIONS PRECISE PLACEMENT

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated value.
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.2 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- i The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
- X See case narrative.
- Q See case narrative. One or more quality control criteria was outside the limits.
- H The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- J The result is an estimated value.
- E The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.2 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
- i The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
- X See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.
- Q See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimated value.
- J The result is an estimated value.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.2 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- i The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
- X See case narrative.
- Q See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

Columbia Analytical Services, Inc. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEC UST	http://dec.alaska.gov/applications/eh/ehllabreports/USTLabs.aspx	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2286
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L12-28
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Georgia DNR	http://www.gaepd.org/Documents/techguide_pcb.html#cel	881
Hawaii DOH	Not available	-
Idaho DHW	http://www.healthandwelfare.idaho.gov/Health/Labs/CertificationDrinkingWaterLabs/tabid/1833/Default.aspx	-
Indiana DOH	http://www.in.gov/isdh/24859.htm	C-WA-01
ISO 17025	http://www.pjlabs.com/	L12-27
Louisiana DEQ	http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx	3016
Louisiana DHH	Not available	LA110003
Maine DHS	Not available	WA0035
Michigan DEQ	http://www.michigan.gov/deq/0,1607,7-135-3307_4131_4156---,00.html	9949
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-368
Montana DPHHS	http://www.dphhs.mt.gov/publichealth/	CERT0047
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA35
New Jersey DEP	http://www.nj.gov/dep/oqa/	WA005
New Mexico ED	http://www.nmenv.state.nm.us/dwb/Index.htm	-
North Carolina DWQ	http://www.dwqlab.org/	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA200001
South Carolina DHEC	http://www.scdhec.gov/environment/envserv/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	704427-08-TX
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C1203
Wisconsin DNR	http://dnr.wi.gov/	998386840
Wyoming (EPA Region 8)	http://www.epa.gov/region8/water/dwhome/wyomingdi.html	-
Kelso Laboratory Website	www.caslab.com	NA
Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.caslab.com or at the accreditation bodies web site		
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/analyte is offered by that state.		

Case Narrative

ALS ENVIRONMENTAL

Client: Conestoga-Rovers & Associates, Incorporated **Service Request No.:** K1207811
Project: RMC - Attica In/19190-02 **Date Received:** 08/09/12
Sample Matrix: Water

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV validation deliverables including summary forms and all of the associated raw data for each of the analyses. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Four water samples and one trip blank were received for analysis at ALS Environmental on 08/09/12. The samples were received in good condition and consistent with the accompanying chain of custody form, except as noted on the cooler receipt form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Volatile Organic Compounds by EPA Method 8260

Calibration Verification Exceptions:

Chloromethane was flagged as outside the lower control criterion for Continuing Calibration Verification (CCV) J:\MS18\0814F003.D. In accordance with the EPA Method, 80% or more of the CCV analytes must pass within 20% of the true value. The CAS SOP allows for 40% difference for the remaining analytes. The CCV met these criteria. The quality of the sample data was not significantly affected. No further corrective action was required.

Sample Notes and Discussion:

The Trip Blank analyzed with this sample contained low levels of Toluene above the Method Reporting Limit (MRL). The associated samples did not contain Toluene above the method reporting limits. No further corrective action was required.

Sample SW-080812-MG-001 had a small air bubble prior to analysis.

No other anomalies associated with the analysis of these samples were observed.

Approved by _____

Date 08/17/12

Chain of Custody



PC HZ

Cooler Receipt and Preservation Form

Client / Project: Coneostegan Bowers Service Request K12 781Received: 8/9/12 Opened: 8/9/12 By: VDT Unloaded: 8/9/12 By: VDT

1. Samples were received via? Mail FedEx UPS DHL PDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other NA
3. Were custody seals on coolers? NA Y N If yes, how many and where? 1 front
If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Cooler Temp °C	Temp Blank °C	Thermometer ID	Cooler/COC ID	NA	Tracking Number	NA	Filed
0.2	1.2	307	2802				X

7. Packing material: Inserts Baggies Bubble Wrap Gel Packs Wet Ice Dry Ice Sleeves _____
8. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
9. Did all bottles arrive in good condition (unbroken)? *Indicate in the table below.* NA Y N
10. Were all sample labels complete (i.e analysis, preservation, etc.)? NA Y N
11. Did all sample labels and tags agree with custody papers? *Indicate major discrepancies in the table on page 2.* NA Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
13. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* NA Y N
14. Were VOA vials received without headspace? *Indicate in the table below.* NA Y N
15. Was C12/Res negative? NA Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count	Out of Temp	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time
SW-080812-M67-001	7 x 40mL		X							
" " -002	2 x 40mL		X							

Notes, Discrepancies, & Resolutions:

RUSH

Volatile Organic Compounds

Organic Analysis:
Volatile Organic Compounds

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.
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Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02

Service Request: K1207811

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds

Sample Name	Lab Code	Date Collected	Date Received
SW-080812-MG-001	K1207811-001	08/08/2012	08/09/2012
SW-080812-MG-002	K1207811-002	08/08/2012	08/09/2012
SW-080812-MG-003	K1207811-003	08/08/2012	08/09/2012
SW-080812-MG-004	K1207811-004	08/08/2012	08/09/2012
TB-080812-MG-002	K1207811-005	08/08/2012	08/09/2012
SW-080812-MG-001MS	KWG1209148-1	08/08/2012	08/09/2012
SW-080812-MG-001DMS	KWG1209148-2	08/08/2012	08/09/2012

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: K. Reasoner

Name: K. Reasoner

Date: 8/16/11

Title: Manager

COLUMBIA ANALYTICAL SERVICES, INC.

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Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-001	Units:	ug/L
Lab Code:	K1207811-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	0.50	0.13	1	08/14/12	08/14/12	KWG1209148	
Chloromethane	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	*
Vinyl Chloride	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Bromomethane	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
Chloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Trichlorofluoromethane	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethylene	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Acetone	ND U	20	3.3	1	08/14/12	08/14/12	KWG1209148	
Carbon Disulfide	ND U	0.50	0.069	1	08/14/12	08/14/12	KWG1209148	
Methylene Chloride	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
trans-1,2-Dichloroethylene	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethane	ND U	0.50	0.077	1	08/14/12	08/14/12	KWG1209148	
2,2-Dichloropropane	ND U	0.50	0.060	1	08/14/12	08/14/12	KWG1209148	
cis-1,2-Dichloroethylene	ND U	0.50	0.067	1	08/14/12	08/14/12	KWG1209148	
2-Butanone (MEK)	ND U	20	1.9	1	08/14/12	08/14/12	KWG1209148	
Bromochloromethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Chloroform	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1,1-Trichloroethane (TCA)	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Carbon Tetrachloride	ND U	0.50	0.096	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloropropene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Benzene	ND U	0.50	0.062	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloroethane (EDC)	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Trichloroethene (TCE)	0.31 J	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloropropane	ND U	0.50	0.095	1	08/14/12	08/14/12	KWG1209148	
Dibromomethane	ND U	0.50	0.15	1	08/14/12	08/14/12	KWG1209148	
Bromodichloromethane	ND U	0.50	0.091	1	08/14/12	08/14/12	KWG1209148	
cis-1,3-Dichloropropene	ND U	0.50	0.18	1	08/14/12	08/14/12	KWG1209148	
4-Methyl-2-pentanone (MIBK)	ND U	20	2.6	1	08/14/12	08/14/12	KWG1209148	
Toluene	ND U	0.50	0.054	1	08/14/12	08/14/12	KWG1209148	
trans-1,3-Dichloropropene	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	
1,1,2-Trichloroethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Tetrachloroethylene (PCE)	ND U	0.50	0.099	1	08/14/12	08/14/12	KWG1209148	
2-Hexanone	ND U	20	2.7	1	08/14/12	08/14/12	KWG1209148	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

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Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-001	Units:	ug/L
Lab Code:	K1207811-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichloropropane	ND	U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Dibromochloromethane	ND	U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromoethane (EDB)	ND	U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
Chlorobenzene	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
Ethylbenzene	ND	U	0.50	0.050	1	08/14/12	08/14/12	KWG1209148	
1,1,1,2-Tetrachloroethane	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
m,p-Xylenes	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
o-Xylene	ND	U	0.50	0.074	1	08/14/12	08/14/12	KWG1209148	
Styrene	ND	U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Bromoform	ND	U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Isopropylbenzene	ND	U	2.0	0.051	1	08/14/12	08/14/12	KWG1209148	
1,1,2,2-Tetrachloroethane	ND	U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Bromobenzene	ND	U	2.0	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Propylbenzene	ND	U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichloropropane	ND	U	0.50	0.20	1	08/14/12	08/14/12	KWG1209148	
2-Chlorotoluene	ND	U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
1,3,5-Trimethylbenzene	ND	U	2.0	0.089	1	08/14/12	08/14/12	KWG1209148	
4-Chlorotoluene	ND	U	2.0	0.13	1	08/14/12	08/14/12	KWG1209148	
tert-Butylbenzene	ND	U	2.0	0.059	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trimethylbenzene	ND	U	2.0	0.069	1	08/14/12	08/14/12	KWG1209148	
sec-Butylbenzene	ND	U	2.0	0.062	1	08/14/12	08/14/12	KWG1209148	
4-Isopropyltoluene	ND	U	2.0	0.060	1	08/14/12	08/14/12	KWG1209148	
1,3-Dichlorobenzene	ND	U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,4-Dichlorobenzene	ND	U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Butylbenzene	ND	U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichlorobenzene	ND	U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromo-3-chloropropane	ND	U	2.0	0.20	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trichlorobenzene	ND	U	2.0	0.096	1	08/14/12	08/14/12	KWG1209148	
Hexachlorobutadiene	ND	U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	
Naphthalene	ND	U	2.0	0.088	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichlorobenzene	ND	U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	

* See Case Narrative

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name: SW-080812-MG-001
Lab Code: K1207811-001

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	86	73-122	08/14/12	Acceptable
Toluene-d8	91	65-144	08/14/12	Acceptable
4-Bromofluorobenzene	80	68-117	08/14/12	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-002	Units:	ug/L
Lab Code:	K1207811-002	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	0.50	0.13	1	08/14/12	08/14/12	KWG1209148	
Chloromethane	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	*
Vinyl Chloride	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Bromomethane	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
Chloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Trichlorofluoromethane	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethene	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Acetone	ND U	20	3.3	1	08/14/12	08/14/12	KWG1209148	
Carbon Disulfide	ND U	0.50	0.069	1	08/14/12	08/14/12	KWG1209148	
Methylene Chloride	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
trans-1,2-Dichloroethene	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethane	ND U	0.50	0.077	1	08/14/12	08/14/12	KWG1209148	
2,2-Dichloropropane	ND U	0.50	0.060	1	08/14/12	08/14/12	KWG1209148	
cis-1,2-Dichloroethene	ND U	0.50	0.067	1	08/14/12	08/14/12	KWG1209148	
2-Butanone (MEK)	ND U	20	1.9	1	08/14/12	08/14/12	KWG1209148	
Bromoform	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Chloroform	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1,1-Trichloroethane (TCA)	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Carbon Tetrachloride	ND U	0.50	0.096	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloropropene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Benzene	ND U	0.50	0.062	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloroethane (EDC)	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Trichloroethene (TCE)	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloropropane	ND U	0.50	0.095	1	08/14/12	08/14/12	KWG1209148	
Dibromomethane	ND U	0.50	0.15	1	08/14/12	08/14/12	KWG1209148	
Bromodichloromethane	ND U	0.50	0.091	1	08/14/12	08/14/12	KWG1209148	
cis-1,3-Dichloropropene	ND U	0.50	0.18	1	08/14/12	08/14/12	KWG1209148	
4-Methyl-2-pentanone (MIBK)	ND U	20	2.6	1	08/14/12	08/14/12	KWG1209148	
Toluene	ND U	0.50	0.054	1	08/14/12	08/14/12	KWG1209148	
trans-1,3-Dichloropropene	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	
1,1,2-Trichloroethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Tetrachloroethene (PCE)	ND U	0.50	0.099	1	08/14/12	08/14/12	KWG1209148	
2-Hexanone	ND U	20	2.7	1	08/14/12	08/14/12	KWG1209148	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-002	Units:	ug/L
Lab Code:	K1207811-002	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichloropropane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Dibromochloromethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromoethane (EDB)	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
Chlorobenzene	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
Ethylbenzene	ND U	0.50	0.050	1	08/14/12	08/14/12	KWG1209148	
1,1,1,2-Tetrachloroethane	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
m,p-Xylenes	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
o-Xylene	ND U	0.50	0.074	1	08/14/12	08/14/12	KWG1209148	
Styrene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Bromoform	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Isopropylbenzene	ND U	2.0	0.051	1	08/14/12	08/14/12	KWG1209148	
1,1,2,2-Tetrachloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Bromobenzene	ND U	2.0	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Propylbenzene	ND U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichloropropane	ND U	0.50	0.20	1	08/14/12	08/14/12	KWG1209148	
2-Chlorotoluene	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
1,3,5-Trimethylbenzene	ND U	2.0	0.089	1	08/14/12	08/14/12	KWG1209148	
4-Chlorotoluene	ND U	2.0	0.13	1	08/14/12	08/14/12	KWG1209148	
tert-Butylbenzene	ND U	2.0	0.059	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trimethylbenzene	ND U	2.0	0.069	1	08/14/12	08/14/12	KWG1209148	
sec-Butylbenzene	ND U	2.0	0.062	1	08/14/12	08/14/12	KWG1209148	
4-Isopropyltoluene	ND U	2.0	0.060	1	08/14/12	08/14/12	KWG1209148	
1,3-Dichlorobenzene	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,4-Dichlorobenzene	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Butylbenzene	ND U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichlorobenzene	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromo-3-chloropropane	ND U	2.0	0.20	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trichlorobenzene	ND U	2.0	0.096	1	08/14/12	08/14/12	KWG1209148	
Hexachlorobutadiene	ND U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	
Naphthalene	ND U	2.0	0.088	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichlorobenzene	ND U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	

* See Case Narrative

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name: SW-080812-MG-002 **Units:** ug/L
Lab Code: K1207811-002 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	86	73-122	08/14/12	Acceptable
Toluene-d8	92	65-144	08/14/12	Acceptable
4-Bromofluorobenzene	78	68-117	08/14/12	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-003	Units:	ug/L
Lab Code:	K1207811-003	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	0.50	0.13	1	08/14/12	08/14/12	KWG1209148	
Chloromethane	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	*
Vinyl Chloride	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Bromomethane	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
Chloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Trichlorofluoromethane	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethene	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Acetone	ND U	20	3.3	1	08/14/12	08/14/12	KWG1209148	
Carbon Disulfide	ND U	0.50	0.069	1	08/14/12	08/14/12	KWG1209148	
Methylene Chloride	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
trans-1,2-Dichloroethene	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethane	ND U	0.50	0.077	1	08/14/12	08/14/12	KWG1209148	
2,2-Dichloropropane	ND U	0.50	0.060	1	08/14/12	08/14/12	KWG1209148	
cis-1,2-Dichloroethene	0.69	0.50	0.067	1	08/14/12	08/14/12	KWG1209148	
2-Butanone (MEK)	ND U	20	1.9	1	08/14/12	08/14/12	KWG1209148	
Bromochloromethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Chloroform	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1,1-Trichloroethane (TCA)	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Carbon Tetrachloride	ND U	0.50	0.096	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloropropene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Benzene	ND U	0.50	0.062	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloroethane (EDC)	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Trichloroethene (TCE)	1.1	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloropropane	ND U	0.50	0.095	1	08/14/12	08/14/12	KWG1209148	
Dibromomethane	ND U	0.50	0.15	1	08/14/12	08/14/12	KWG1209148	
Bromodichloromethane	ND U	0.50	0.091	1	08/14/12	08/14/12	KWG1209148	
cis-1,3-Dichloropropene	ND U	0.50	0.18	1	08/14/12	08/14/12	KWG1209148	
4-Methyl-2-pentanone (MIBK)	ND U	20	2.6	1	08/14/12	08/14/12	KWG1209148	
Toluene	ND U	0.50	0.054	1	08/14/12	08/14/12	KWG1209148	
trans-1,3-Dichloropropene	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	
1,1,2-Trichloroethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Tetrachloroethene (PCE)	1.8	0.50	0.099	1	08/14/12	08/14/12	KWG1209148	
2-Hexanone	ND U	20	2.7	1	08/14/12	08/14/12	KWG1209148	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-003	Units:	ug/L
Lab Code:	K1207811-003	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichloropropane	ND	U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Dibromochloromethane	ND	U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromoethane (EDB)	ND	U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
Chlorobenzene	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
Ethylbenzene	ND	U	0.50	0.050	1	08/14/12	08/14/12	KWG1209148	
1,1,1,2-Tetrachloroethane	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
m,p-Xylenes	ND	U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
o-Xylene	ND	U	0.50	0.074	1	08/14/12	08/14/12	KWG1209148	
Styrene	ND	U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Bromoform	ND	U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Isopropylbenzene	ND	U	2.0	0.051	1	08/14/12	08/14/12	KWG1209148	
1,1,2,2-Tetrachloroethane	ND	U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Bromobenzene	ND	U	2.0	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Propylbenzene	ND	U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichloropropane	ND	U	0.50	0.20	1	08/14/12	08/14/12	KWG1209148	
2-Chlorotoluene	ND	U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
1,3,5-Trimethylbenzene	ND	U	2.0	0.089	1	08/14/12	08/14/12	KWG1209148	
4-Chlorotoluene	ND	U	2.0	0.13	1	08/14/12	08/14/12	KWG1209148	
tert-Butylbenzene	ND	U	2.0	0.059	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trimethylbenzene	ND	U	2.0	0.069	1	08/14/12	08/14/12	KWG1209148	
sec-Butylbenzene	ND	U	2.0	0.062	1	08/14/12	08/14/12	KWG1209148	
4-Isopropyltoluene	ND	U	2.0	0.060	1	08/14/12	08/14/12	KWG1209148	
1,3-Dichlorobenzene	ND	U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,4-Dichlorobenzene	ND	U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Butylbenzene	ND	U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichlorobenzene	ND	U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromo-3-chloropropane	ND	U	2.0	0.20	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trichlorobenzene	ND	U	2.0	0.096	1	08/14/12	08/14/12	KWG1209148	
Hexachlorobutadiene	ND	U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	
Naphthalene	ND	U	2.0	0.088	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichlorobenzene	ND	U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	

* See Case Narrative

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name: SW-080812-MG-003 **Units:** ug/L
Lab Code: K1207811-003 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	87	73-122	08/14/12	Acceptable
Toluene-d8	93	65-144	08/14/12	Acceptable
4-Bromofluorobenzene	78	68-117	08/14/12	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-004	Units:	ug/L
Lab Code:	K1207811-004	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	0.50	0.13	1	08/14/12	08/14/12	KWG1209148	
Chloromethane	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	*
Vinyl Chloride	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Bromomethane	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
Chloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Trichlorofluoromethane	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethene	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Acetone	ND U	20	3.3	1	08/14/12	08/14/12	KWG1209148	
Carbon Disulfide	ND U	0.50	0.069	1	08/14/12	08/14/12	KWG1209148	
Methylene Chloride	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
trans-1,2-Dichloroethene	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloroethane	ND U	0.50	0.077	1	08/14/12	08/14/12	KWG1209148	
2,2-Dichloropropane	ND U	0.50	0.060	1	08/14/12	08/14/12	KWG1209148	
cis-1,2-Dichloroethene	0.69	0.50	0.067	1	08/14/12	08/14/12	KWG1209148	
2-Butanone (MEK)	ND U	20	1.9	1	08/14/12	08/14/12	KWG1209148	
Bromochloromethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Chloroform	ND U	0.50	0.072	1	08/14/12	08/14/12	KWG1209148	
1,1,1-Trichloroethane (TCA)	ND U	0.50	0.075	1	08/14/12	08/14/12	KWG1209148	
Carbon Tetrachloride	ND U	0.50	0.096	1	08/14/12	08/14/12	KWG1209148	
1,1-Dichloropropene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Benzene	ND U	0.50	0.062	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloroethane (EDC)	ND U	0.50	0.080	1	08/14/12	08/14/12	KWG1209148	
Trichloroethene (TCE)	1.1	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichloropropane	ND U	0.50	0.095	1	08/14/12	08/14/12	KWG1209148	
Dibromomethane	ND U	0.50	0.15	1	08/14/12	08/14/12	KWG1209148	
Bromodichloromethane	ND U	0.50	0.091	1	08/14/12	08/14/12	KWG1209148	
cis-1,3-Dichloropropene	ND U	0.50	0.18	1	08/14/12	08/14/12	KWG1209148	
4-Methyl-2-pentanone (MIBK)	ND U	20	2.6	1	08/14/12	08/14/12	KWG1209148	
Toluene	ND U	0.50	0.054	1	08/14/12	08/14/12	KWG1209148	
trans-1,3-Dichloropropene	ND U	0.50	0.068	1	08/14/12	08/14/12	KWG1209148	
1,1,2-Trichloroethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Tetrachloroethene (PCE)	1.8	0.50	0.099	1	08/14/12	08/14/12	KWG1209148	
2-Hexanone	ND U	20	2.7	1	08/14/12	08/14/12	KWG1209148	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name:	SW-080812-MG-004	Units:	ug/L
Lab Code:	K1207811-004	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260C		

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichloropropane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
Dibromochloromethane	ND U	0.50	0.14	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromoethane (EDB)	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
Chlorobenzene	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
Ethylbenzene	ND U	0.50	0.050	1	08/14/12	08/14/12	KWG1209148	
1,1,1,2-Tetrachloroethane	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
m,p-Xylenes	ND U	0.50	0.11	1	08/14/12	08/14/12	KWG1209148	
o-Xylene	ND U	0.50	0.074	1	08/14/12	08/14/12	KWG1209148	
Styrene	ND U	0.50	0.089	1	08/14/12	08/14/12	KWG1209148	
Bromoform	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Isopropylbenzene	ND U	2.0	0.051	1	08/14/12	08/14/12	KWG1209148	
1,1,2,2-Tetrachloroethane	ND U	0.50	0.16	1	08/14/12	08/14/12	KWG1209148	
Bromobenzene	ND U	2.0	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Propylbenzene	ND U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichloropropane	ND U	0.50	0.20	1	08/14/12	08/14/12	KWG1209148	
2-Chlorotoluene	ND U	2.0	0.10	1	08/14/12	08/14/12	KWG1209148	
1,3,5-Trimethylbenzene	ND U	2.0	0.089	1	08/14/12	08/14/12	KWG1209148	
4-Chlorotoluene	ND U	2.0	0.13	1	08/14/12	08/14/12	KWG1209148	
tert-Butylbenzene	ND U	2.0	0.059	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trimethylbenzene	ND U	2.0	0.069	1	08/14/12	08/14/12	KWG1209148	
sec-Butylbenzene	ND U	2.0	0.062	1	08/14/12	08/14/12	KWG1209148	
4-Isopropyltoluene	ND U	2.0	0.060	1	08/14/12	08/14/12	KWG1209148	
1,3-Dichlorobenzene	ND U	0.50	0.10	1	08/14/12	08/14/12	KWG1209148	
1,4-Dichlorobenzene	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
n-Butylbenzene	ND U	2.0	0.054	1	08/14/12	08/14/12	KWG1209148	
1,2-Dichlorobenzene	ND U	0.50	0.12	1	08/14/12	08/14/12	KWG1209148	
1,2-Dibromo-3-chloropropane	ND U	2.0	0.20	1	08/14/12	08/14/12	KWG1209148	
1,2,4-Trichlorobenzene	ND U	2.0	0.096	1	08/14/12	08/14/12	KWG1209148	
Hexachlorobutadiene	ND U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	
Naphthalene	ND U	2.0	0.088	1	08/14/12	08/14/12	KWG1209148	
1,2,3-Trichlorobenzene	ND U	2.0	0.11	1	08/14/12	08/14/12	KWG1209148	

* See Case Narrative

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

Analytical Results

Client: Conestoga-Rovers & Associates, Incorpora
Project: RMC - Attica In/19190-02
Sample Matrix: Water

Service Request: K1207811
Date Collected: 08/08/2012
Date Received: 08/09/2012

Volatile Organic Compounds

Sample Name: SW-080812-MG-004 **Units:** ug/L
Lab Code: K1207811-004 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	87	73-122	08/14/12	Acceptable
Toluene-d8	93	65-144	08/14/12	Acceptable
4-Bromofluorobenzene	78	68-117	08/14/12	Acceptable

Comments: _____