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Mr. Jeffrey Crawford
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908

SER-1

Subject:
Springfield Street School Complex Monitoring Wells

Date:
March 25, 2011

Dear Mr. Crawford:

Contact:
Donna H. Pallister, PE

As we discussed recently, monitoring wells ATC-2, ATC-3 and ATC-5 are no longer able to be sampled. Due to vandalism, settling, and insects, the casings of these wells are blocked with soil and stone or bent such that groundwater samples can no longer be collected. A Site Plan showing the well locations is attached.

Phone:
401.738.3887

Background

Our ref:
WK012152.0007

The monitoring wells at the Site were installed in December, 2000, and have been sampled on a quarterly basis since then in accordance with the *Long-Term Operation and Maintenance Plan and Site Contingency Plan* (O&M Plan) contained in the *Remedial Action Work Plan* prepared by ATC dated April 2, 1999, revised May 3, 1999 and May 9, 1999. The *Remedial Action Work Plan* (RAWP) was approved by the Rhode Island Department of Environmental Management (RIDEM) in a letter dated June 4, 1999.

The Site Investigation Report (ATC, March 1999) and the Remedial Action Work Plan (ATC, March 1999) indicated that no contaminants were detected in groundwater at concentrations which exceeded the GB groundwater standards in the *Rules and Regulations for the Investigation and Remediation of Hazardous Materials Releases*. The groundwater at the Site is classified as GB. Groundwater remediation was not included as part of the remedy for the Site due to the lack of contamination in groundwater.

Mr. Jeffrey Crawford
March 25, 2011

Groundwater monitoring has been conducted on a quarterly basis since the monitoring wells were installed in December 2000. None of the monitoring results for any of the Site groundwater samples have exceeded GB groundwater standards.

Well Installation and Future Monitoring

Per your request, the damaged monitoring wells will be replaced by installation of three new monitoring wells. However, we are proposing that the wells installed to replace ATC-2 and ATC-3 be located closer to the perimeter of the property, as shown on the attached figure. These new locations will move the wells away from high traffic portions of the property to locations where they may be less likely to be damaged in the future.

In addition, we are requesting a reduction in the frequency of groundwater monitoring to annually instead of quarterly, based on the lack of detection of groundwater contamination during previous monitoring events.

Please contact me at 401-738-3887, extension 25, or donna.pallister@arcadis-us.com with any questions or comments.

Sincerely,

ARCADIS U.S.. Inc.



Donna H. Pallister, PE, LSP
Senior Engineer

Copies:

S. Tremblay, Providence Schools

Attachments:















Site Plan

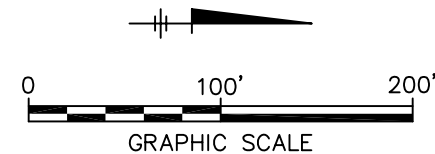
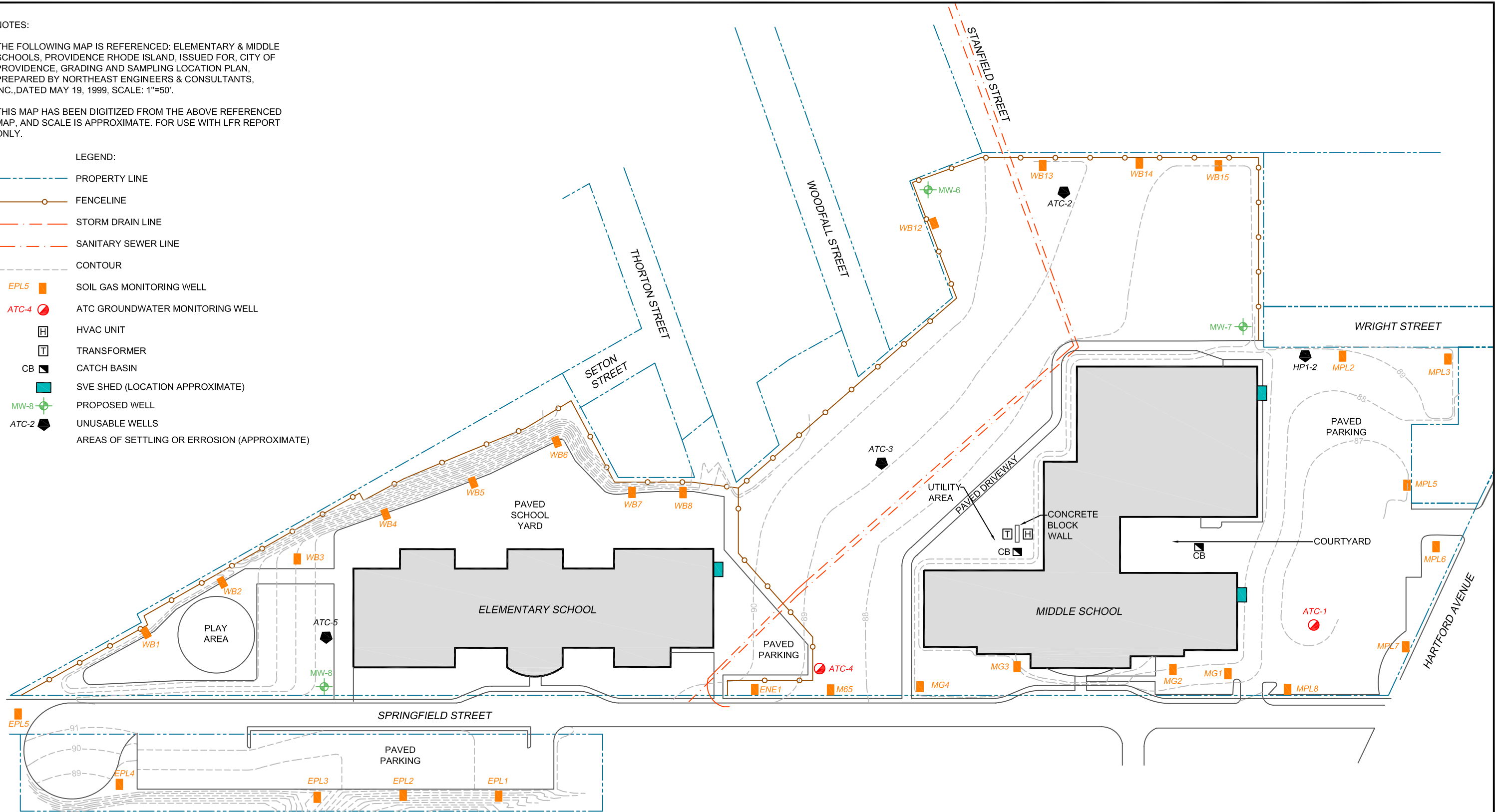
NOTES:


THE FOLLOWING MAP IS REFERENCED: ELEMENTARY & MIDDLE SCHOOLS, PROVIDENCE RHODE ISLAND, ISSUED FOR, CITY OF PROVIDENCE, GRADING AND SAMPLING LOCATION PLAN, PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., DATED MAY 19, 1999, SCALE: 1"=50'.

THIS MAP HAS BEEN DIGITIZED FROM THE ABOVE REFERENCED MAP, AND SCALE IS APPROXIMATE. FOR USE WITH LFR REPORT ONLY.

LEGEND:

-  PROPERTY LINE
-  FENCELINE
-  STORM DRAIN LINE
-  SANITARY SEWER LINE
-  CONTOUR
-  EPL5 SOIL GAS MONITORING WELL
-  ATC-4 ATC GROUNDWATER MONITORING WELL
-  HVAC UNIT
-  TRANSFORMER
-  CATCH BASIN
-  SVE SHED (LOCATION APPROXIMATE)
-  MW-8 PROPOSED WELL
-  ATC-2 UNUSABLE WELLS
-  AREAS OF SETTLING OR ERROSION (APPROXIMATE)



SPRINGFIELD STREET SCHOOL COMPLEX SPRINGFIELD STREET PROVIDENCE, RHODE ISLAND	
SITE PLAN	
	FIGURE 2

CITY: MANCHESTER, CT DIV/GROUP: ENVCAD DR: B. SMALL PW: TM: PLOTTED: 3/24/2011 12:38 PM BY: SMALL, BRIAN
 G:\ENVCAD\Manchester\ACT\WK0121520007\0001\WK0121520007.dwg LAYOUT: FIGURE 1 SAVED: 3/24/2011 12:32 PM ACADVER: 18.05 (LMS TECH) PAGESETUP: PLOTSTYLETABLE: PLOTTED: 3/24/2011 12:38 PM BY: SMALL, BRIAN