

June 29, 2009

John Strang, P.E. New York State Department of Environmental Conservation Division of Environmental Remediation 1130 N. Westcott Road Schenectady, New York 12306-2014

RECEIVED

JUL 2009

REGION IV HEADQUARTERS SCHENECTADY, NY 12306

Re: Amphenol Corporation

Re: Amphenol Corporation
Boiler Room Site (413013)
Site Management PRR

Dear Mr. Strang:

The materials provided herein are submitted in compliance with the request in your letter dated March 31, 2009 for a Periodic Review Report (PRR) for the reference site. More specifically, these materials include:

Boiler Room site - 2008 Annual Ground Water Monitoring Report

Revised ground water monitoring plan for the Boiler Room site and NYSDEC approval letter

• Institutional and Engineering Control Certification Form

The annual ground water monitoring report provides the information requested in the periodic review report guidelines provided with your request including a discussion of the site overview, monitoring data collected consistent with the approved ground water monitoring plan and an evaluation of the remedy performance. In addition to the annual report, monthly reports and quarterly reports, as required by the monitoring plan, are also routinely submitted which summarize remedial system operational data. In effect, we believe, these regular submittals provide frequent PRRs. A copy of the revised ground water monitoring plan, together with the record of the agency's approval of this plan is provided for your convenience.

As requested, the Institutional and Engineer Control Certification Form has been executed and is enclosed. Explanatory notes have been added to the form where appropriate, for example, we have noted that the site does not have a specific IC/EC plan. Rather, the institutional and engineering controls required for the site are embodied in the Record of Decision for the site published by the agency in February 1999. We have also noted that a formal O & M plan document has not been prepared as Amphenol self performs all operation and maintenance tasks given the remedial system is located on the Amphenol manufacturing facility property and is inspected daily.

Should additional information be necessary, please do not hesitate to contact me or Joe Bianchi at Amphenol Corporation

Respectfully,

JTM Associates, LLC

James T. Mickam, PG

Cc: Joseph M. Bianchi - Amphenol

Enclosures

New York State Department of Environmental Conservation

Office of Environmental Quality, Region 4

1150 North Westcott Road, Schenectady, New York 12306-2014 Phone: (518) 357-2045 • FAX: (518) 357-2398

Website: www.dec.state.ny.us



September 9, 1999

Joseph Bianchi, Supervisor Amphenol Corporation 40-60 Delaware Ave Sidney, NY 13838-1395

Re:

Amphenol Boiler Room

Site ID #413013

Dear Mr. Bianchi:

Thank you for the proposed groundwater monitoring plan which I just finished reviewing.

The plan proposes monthly sampling/analysis of the recovery wells influent and treatment system effluent; quarterly groundwater sampling with elevation measurements/groundwater flow patterns and annual groundwater sampling analysis.

I agree that the quarterly and annual sampling selection of monitoring wells and piezometers will accurately represent changes occurring at this site. Consequently, the proposed changes to the Boiler Room's monitoring program are approved.

Also, thank you for the ground water monitoring program summary that outlines the monitoring/sampling done at the Amphenol sites. Having this information compiled on one document is very useful.

If you have any questions, please feel free to call me on the above number.

Sincerely,

Walter Wintso

Walter Wintsch **Engineering Geologist** Region IV

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To Jim Mickey	Fremalt Wintsch
Co.	Co.
Dept.	Phone #
Fax #	Fax#



August 31, 1999

Mr. Walter F. Wintsch, Jr.
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
1150 N. Westcott Road
Schenectady, New York 12306-2014

Re: Amphenol Corporation
Boiler Room Monitoring Program

File: 001.006

Dear Mr. Wintsch:

On behalf of Amphenol Corporation, the enclosed materials present the proposed ground water monitoring program for the Boiler Room site at the Amphenol, Sidney, New York facility. This program has been developed as result of our discussions and with consideration of the objective of the remedial program and the existing system's historic performance.

Three primary monitoring efforts are embodied in the proposed ground water monitoring program. These include:

- Monthly sampling and analysis of recovery well influent and treatment system effluent.
- Quarterly ground water elevation measurements and an assessment of local ground water flow patterns
- Annual local ground water quality sampling and analysis

A detailed discussion of the specific efforts that are proposed is presented in the attachment. Additionally, a site map and program schedule is included.

We appreciate the opportunity to work with you and the Department to devise a reasonable ground water monitoring program for the Boiler Room site. Should any questions arise, please to not hesitate to contact me or Joe Bianchi at Amphenol.

Very truly yours,
JTM ASSOCIATES

James T. Mickam, PG

President

Attachments

Cc: Joe Bianchi – Amphenol Corporation / Sidney
Sam Waldo – Amphenol Corporation / Wallingford

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Amphenol Corporation Boiler Room Ground Water Remediation System Proposed Monitoring Program

Background

Amphenol Corporation manufactures electrical connectors at its Sidney, New York facility. As a result of historic operations, on-site ground water has been contaminated with volatile organic compounds (VOCs). Beginning in 1985, Amphenol conducted several investigations to assess the nature and extent of on-site and off-site ground water impacts. Several of the studies concentrated on an area referred to as the Boiler Room area. The studies that focused on this area are described in the Boiler Room Remedial Investigation - Summary Report (O'Brien & Gere; March 1996). The attached figure illustrates the Boiler Room area.

In April 1996, consistent with the provisions of an Administrative Order on Consent (Order # R4-0539-88-02) Amphenol initiated an interim remedial measure (IRM) to collect and treat contaminated ground water from the Boiler Room area. This involved the installation of a single ground water recovery well and construction of an on-site ground water treatment facility which uses air-stripping technology to remove VOCs. In 1998, two additional ground water recovery wells were installed and brought on line to enhance the ongoing IRM. The ground water remediation system has continued to operate since that time.

Amphenol has been performing a variety of monitoring activities to assess the performance of the remedial system and evaluate the improvement in the local ground water chemistry. This has included weekly sampling of recovery well discharge and treatment system effluent together with annual ground water sampling and analysis from select monitoring wells. Data associated with these monitoring efforts are routinely provided to the New York State Department of Environmental Conservation (NYSDEC).

In December 1998, NYSDEC issued a Record of Decision (ROD) for the consent order reference above. The ROD requires continued operation of the existing ground water remedial system. Furthermore, the ROD specifies that a ground water monitoring program be defined and executed to regularly assess the performance of the remedial action. This document presents Amphenol Corporation's proposed ground water monitoring program for the Boiler Room area consistent with the provisions of the ROD.

Proposed ground water recovery and treatment system monitoring

Since it began operation, the ground water recovery and treatment system has been monitored to estimate the on-going contaminant mass removal rate and assess treatment system effectiveness. This monitoring is proposed to continue and will include the following:

- Monthly sampling of the discharge from each of the three operating recovery wells (system influent). Samples will be analyzed for the VOCs using U.S. EPA methods 601.
- Monthly sampling of treatment system discharge (system effluent). Samples will be analyzed for VOCs using U.S. EPA methods 601.
- Monthly reporting of influent and effluent sampling and analysis data together with system flow rates and estimates of contaminant mass removal.

Proposed ground water elevation monitoring

Ground water elevations will be monitored at select monitoring wells and piezometers to assess the ground water flow patterns in the vicinity of the recovery wells. This will include:

- Quarterly ground water elevation measurements at monitoring wells BR-5, BR-14, BR-19, BR-20, BR-21 and piezometers GP-6, GP-9, and GP-15.
- Quarterly data reporting with an evaluation of ground water flow patterns and a summary of contaminant mass removal.

Proposed ground water chemistry monitoring

Consistent with the presently on-going monitoring program, local ground water chemistry will be monitored. The purpose of this element of the monitoring program is to assess contaminant migration patterns and evaluate the long-term remedial system effectiveness to reduce the available contaminant mass. This will be accomplished by completing the following:

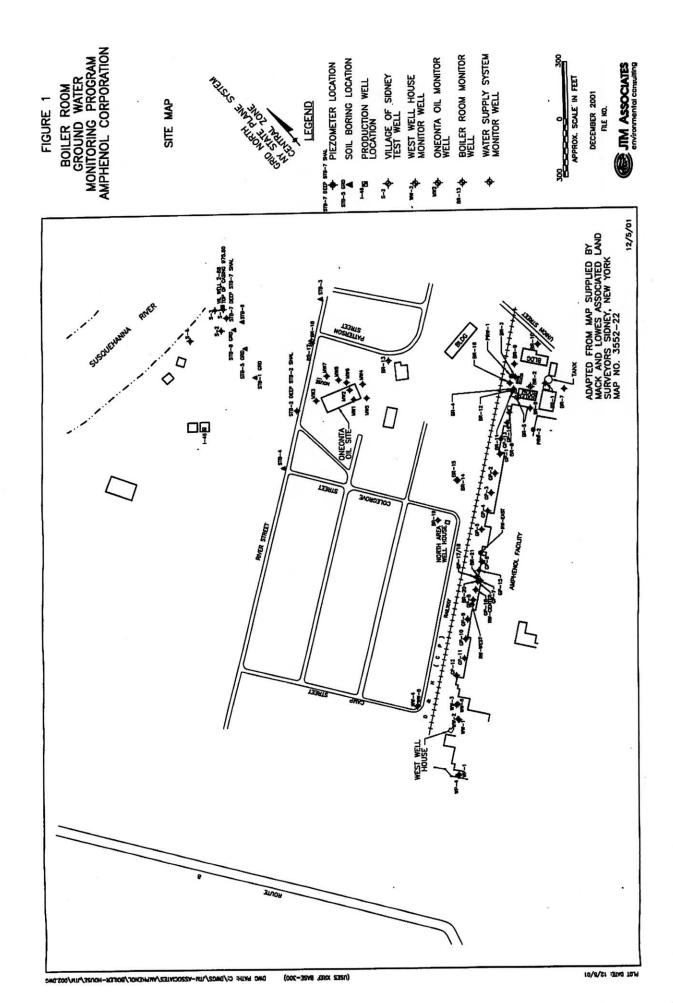
- Annual ground water sampling and analysis of ground water monitoring wells BR-3, BR-12, BR-13, BR-14, BR-17, BR-19, and BR-20. Samples will be analyzed for VOCs using USEPA methods 601.
- Annual report summarizing remedial system monitoring, ground water flow pattern assessment, and local ground water chemistry.

Schedule

The monitoring program described above is proposed to be initiated in August 1999 with the first annual ground water chemistry sampling taking place in September 1999. The program schedule is depicted on the attached illustration.

AMPHENOL CORPORATION SIDNEY, NEW YORK BOILER ROOM SITE GROUND WATER MONITORING PROGRAM

Activity	Scope	JAN	FEB	MAR ,	APR A	(AY)	r NO	JL AL	JS SE	0C	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	DEC
Monthly System Reports	Monthly recovery well influent and effluent	•	•	•		•	•			•	•	•
Ground Water Elevations	monitoring for VOCs. Quarterly ground water elevation monitoring at wells BR-5, BR-14, BR-						•					•
Well Sampling and Analysis	Well Sampling and Analysis and GP-15. Annual ground water elevations,											
Quarterly Data Reports	sampling and analysis for VOCs at wells BR-3, BR-12, BR-13, BR-14, BR-17, BR-19, and BR-	٠								•		
Annual Report	20.										•	





Enclosure 1 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Si	Site Details Box te No. 413013	1	
Si	te Name Boiler Room Area (Amphenol)		
Si	te Address: 40-60 Delaware Street Zip Code: 13838		
С	ty/Town: Sidney		
С	ounty: Delaware		
Α	lowable Use(s) (if applicable, does not address local zoning):		
S	te Acreage: 1.0		
		Box	(2
	Verification of Site Details	YES	NO
1.	Are the Site Details above, correct?	×	
	If NO, are changes handwritten above or included on a separate sheet?		
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment since the initial/last certification?		×
	If YES, is documentation or evidence that documentation has been previously submitted included with this certification?		
3	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property since the initial/last certification?		X
	If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?		
4	If use of the site is restricted, is the curent use of the site consistent with those restrictions?	×	y.
	If NO, is an explanation included with this certification?		
5	For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415. has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		
	If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	- ,	
6	For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415. are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	7(c),	
	If NO, are changes in the assessment included with this certification?		

SITE NO. 413013 Box 3

Description of Institutional Controls

Parcel

Institutional Control

S_B_L Image: 115.15-8-2

Decision Document

Box 4

Description of Engineering Controls

Parcel

Engineering Control

S_B_L Image: 115.15-8-2

Pump & Treat

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable. (See instructions)

Control Description for Site No. 413013

Parcel:

Parcel: 115.15-8-2

Based upon the results of the Remedial Investigation / Focused Feasibility Study for Boiler Room Area (Amphenol) and the criteria identified for evaluation of alternatives, the NYSDEC has selected No Further Action beyond the continued operation of the pump and treat system (Engineering Control). The components of the remedy are as follows:

1) Continued operation of the site groundwater removal and treatment system until groundwater standards in the aquifer are achieved.

2) Periodic monitoring, sampling, and inspection to ensure the continued effectiveness of the ongoing remedial action.

Periodic Review Report (PRR) Certification Statements

	I certify by checking "YES" below that:		
	 a) the Periodic Review report and all attachments were prepared under the dire reviewed by, the party making the certification; 	ction of,	and
	 b) to the best of my knowledge and belief, the work and conclusions described are in accordance with the requirements of the site remedial program, and gene engineering practices; and the information presented is accurate and compete. 	n this co	ertification cepted
	engineering practices; and the information presented is accurate and compete.	YES	NO
		X	
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that following statements are true:	each Ir at all of t	nstitutional he
	(a) the Institutional Control and/or Engineering Control(s) employed at this site in the date that the Control was put in-place, or was last approved by the Department	s uncha ent;	inged sinc
	(b) nothing has occurred that would impair the ability of such Control, to protect the environment;	public h	nealth and
	 (c) access to the site will continue to be provided to the Department, to evaluate including access to evaluate the continued maintenance of this Control; 	e the rer	nedy,
	(d) nothing has occurred that would constitute a violation or failure to comply wind Management Plan for this Control; and	th the S	ite
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in t	or the sit	e, the ment.
	OF DECISION PATED FEBRUARY 1999	YES	NO
	or decision raice resident life	×	
3.	If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in Document);	n the De	ecision
	I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as red	quired in	the
	Decision Document) are being met. SITE DOES WOT HAVE A FORMAL O'M PLAN	YES	NO
	ROD REQUIRES AMPHEMOL TO CONTINUE TO OPERATE THE PUMP AND TREAT SYSTEM	×	
4.		cument)	;
	I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent to Decision Posture and the Post	alent as	required
	in the Decision Document) is being met.	YES	NO
		X	
		•	

IC CERTIFICATIONS SITE NO. 413013

Box 6

Box 7

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. AMPHENOL AERO. SPACE print name at 40 - 60 DELAWARE AVE SIDNEY NY, 13838 am certifying as FACILITY ENVIRONMENTAL MANAGER (Owner or Remedial Party) for the Site named in the Site Details Section of this form. Signature of Owner or Remedial Party Rendering Certification IC/EC CERTIFICATIONS

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. JTM Associates, LLC JAMES T. MICKAM at 290 Elwood Davis Road Suite 290

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is

Liverpool, NY 13088

am certifying as a Qualified Environmental Professional for the AMPHENOL AERO-SPACE

(Owner or Remedial Party) for the Site named in the Site on of this form.

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (if Required)