

October 15, 2016



Ms. Janet K. Macdonald, P.G.
Inactive Hazardous Sites Branch
Superfund Section - Division of Waste Management
North Carolina Department of Environmental Quality
217 West Jones Street
Raleigh, North Carolina 27603

Subject: **Quarterly Status Report - Third Quarter 2016
Robert Bosch Tool Corporation
NONCD0001139
Boone, North Carolina
Watauga County
Amec Foster Wheeler Project 6251161020**

Dear Ms. Macdonald:

In accordance with III.E of the Administrative Agreement For Registered Environmental Consultant-Directed Assessment and Remedial Action, effective September 25, 2008, pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300, Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this Quarterly Status Report for the Third Quarter of 2016. The planned work is progressing in a manner to achieve the mandatory work phase completion deadlines set out in 15A NCAC 13C .0302(h), with the exception of completion of soil remediation within eight years of the effective date of the Administrative Agreement (September 25, 2015).

Previous Quarter (Third Quarter 2016)

- A Remedial Action Progress Report (RAPR) for the first semi-annual sampling event in 2016 (1Q16) was certified and submitted to North Carolina Department of Environmental Quality (NCDEQ), Inactive Hazardous Sites Branch (IHSB), Registered Environmental Consultant (REC) Program staff by e-mail on July 13, 2016. The REC Program staff acknowledged receipt of the report in an e-mail on July 15, 2016.
- Submitted certified Quarterly Status Report - Second Quarter 2016 to the REC Program staff by e-mail on July 15, 2016. The REC Program staff acknowledged receipt of the report in an e-mail on the same day.
- Submitted an Underground Injection Control (UIC) permit application to the NCDEQ, Division of Water Quality, Aquifer Protection Section in an e-mail on August 15, 2016.

- Submitted the Draft Remedial Action Pre-Construction Report (RAPCR) for Site Soils to Robert Bosch Tool Corporation (RBTC) and Robert Bosch, LLC (Bosch) for review and comment on August 16, 2016.
- In an e-mail on August 19, 2016, the REC Program staff provided a reminder of the requirement to complete non-groundwater remediation by eight years of the date of the Administrative Agreement, which would be September 25, 2016.
- A semi-annual groundwater monitoring event (3Q16) was conducted from August 29, 2016 to August 31, 2016.
- In an e-mail to the REC Program staff on September 1, 2016, Amec Foster Wheeler acknowledged the deadline for completion of non-groundwater remediation. Amec Foster Wheeler indicated that due to various reasons, the remediation was behind schedule but would be commencing the soil remediation on September 12, 2016. A tentative schedule for completion of soil remediation was provided.
- The certified RAPCR for Site Soils was submitted on compact disk (CD) and sent to the REC Program staff via Federal Express on September 1, 2016.
- Sampling of the groundwater treatment system effluent port (quarterly) was conducted on September 1, 2016.
- From September 12, 2016 through October 12, 2016, Amec Foster Wheeler conducted soil in-situ chemical oxidation (ISCO) injection remediation, installed vertical and horizontal soil vacuum extraction (SVE) wells, and performed trenching for the SVE system. SVE system connection and start up is scheduled to begin on October 24, 2016.
- A Quarterly Sampling Report and Groundwater Treatment System Operations & Maintenance (O&M) Activities Summary Report – 3rd Quarter 2016 for the treated groundwater discharge to the Town of Boone publicly owned treatment works (POTW) was submitted to the Town of Boone by e-mail on September 22, 2016.

Current Quarter (Fourth Quarter 2016)

- Conduct quarterly sampling of the groundwater treatment system effluent port and semi-annual sampling of the influent port.
- Certify and submit second semi-annual RAPR for 2016 (3Q16) to REC Program staff.
- Complete the Remedial Action Construction Completion Report (RACCR) for Site Soils and submit to RBTC and Bosch for review and comment.
- Certify and submit the RAPCR for Site Soils to the REC Program staff.
- Continue O&M activities on groundwater extraction system and collect system samples per the POTW permit.

- Conduct system startup, O&M activities, and routine monitoring for the SVE system.
- Conduct soil confirmation sampling to evaluate the results of the initial soil ISCO injection remediation.

Closing

The Remediating Party and Registered Site Manager Document Certification Statements are attached in accordance with 15A NCAC 13C.0306(b).

Sincerely,

Amec Foster Wheeler



Paul S. Johnstone, L.G.
Principal Geologist
Registered Site Manager



Timothy S. Renn, P.E.
Senior Engineer

Attachments: Remediating Party Document Certification Statement
Registered Site Manager Document Certification Statement

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2

IHSB SITE NAME Vermont American Corporation (NONCD0001139), Boone, NC
DATE & NAME OF DOCUMENT 10/15/16 Quarterly Status Report (3Q16)
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Aromake Afiegbe
Name of Remediating Party
[Signature]
Signature of Remediating Party

10/13/16
Date

NOTARIZATION

IL (Enter State)
Cook COUNTY

I, Patrick Casey, a Notary Public of said County and State, do hereby certify that Aromake Afiegbe did personally appear and sign before me this day, produced proper identification in the form of Drivers license, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 13 day of October, 2016.

[Signature]
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 8-21-20



IHSB SITE NAME Vermont American Corporation (NONCD0001139), Boone, NC

DATE & NAME OF DOCUMENT 10/15/16 Quarterly Status Report (3Q16)

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

Paul S. Johnstone
Name of Registered Site Manager

[Signature]
Signature of Registered Site Manager

10/17/16
Date

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act N.C.G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Paul S. Johnstone
Name of Registered Site Manager

[Signature]
Signature of Registered Site Manager

10/17/16
Date

NOTARIZATION

South Carolina (Enter State)

Greenville COUNTY

I, Serah J. Roy, a Notary Public of said County and State, do hereby certify that Paul S. Johnstone did personally appear and sign before me this day, produced proper identification in the form of SC Drivers License was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 17 day of October, 2016.

[Signature]
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 1/22/20.

