Travis, Sharon

From: Gmitro, Todd
Sent: Wednesday, December 17, 2014 9:46 AM
To: Travis, Sharon
Subject: FW: GE Aviation, Evendale, OH Quarterly Progress Report
Attachments: 2014 Second Quarter Progress Report 7-10-14.pdf

For the 2015 – 002258 FOIA

From: Rick Boone [mailto:Rick.Boone@obg.com]
Sent: Thursday, July 10, 2014 8:29 AM
To: Gmitro, Todd
Cc: Kolodziej, Edward (GE, Corporate); Joanne (GE Aviation US) Reinhold (Joanne.Reinhold@ge.com); Scott Cormier
Subject: GE Aviation, Evendale, OH Quarterly Progress Report

Todd - attached is the second quarter 2014 Progress Report for the GE Aviation facility in Evendale, OH (OHD 000817312).

Please let us know if you have any questions or comments.
Rick

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TECHNICAL ASSOCIATE

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Edward Kolodziej
Senior Project Manager – Environmental Remediation

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July 10, 2014

Todd Gmitro
Corrective Action Project Manager
Remediation and Reuse Branch - U.S. EPA Region 5
77 W. Jackson Blvd. (LU-9J)
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio
OHD 000 817 312
Progress Report

Dear Mr. Gmitro:

Please find attached the Second Quarter 2014 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Ed Kolodziej

Ed Kolodziej
Senior Project Manager – Environmental Remediation

cc: Chief Mike Hauck, Evendale Fire Department
Tim Hull, OEPA
Ralph Merte, BUSTR (Incident Number: 31001060)
John Wolfe, United States Air Force
Joanne Reinhold, GE

2014 Second Quarter Progress Report
General Electric Company
Aviation – Evendale, OH
OHD 000 817 312

Description of Work Completed in Second Quarter 2014:

- Performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the second quarter 2014 were:

Well ID	Unit	2Q 2014 Average Pumping Rate (gpm)
EW-2P	Perched	54
EW-4P	Perched	38
EW-5P	Perched	9 (33 gpm before pump failure)
EW-6P	Perched	42
EW-7S	USG	31
EW-3D	LSG	48
EW-8D	LSG	49
		Total Ave. = 271 gpm

- Adjusted pumping rate at EW-7S. During the months of April and May 2014, pumping levels in EW-7S steadily declined while maintaining an average pumping rate of 34 gpm. During June 2014, the pumping rate has been cycled at an average on-off rate of 24 gpm due to low yield from EW-7S. GE continues to monitor pumping at the current rate and evaluate the potential benefits of an alternate pumping approach.

- Replaced the pumps at EW-4P & EW-6P on April 8, 2014. The extraction well pumps went out of service due to motor failure at the beginning of the 1st quarter 2014.

- Performed pump troubleshooting and repairs at EW-5P. The extraction well pump experienced a motor failure in late April 2014 and is scheduled to be replaced in July 2014. Prior to motor failure, EW-5P operated at an average pumping rate of 33 gpm.

- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 4th quarter/2nd semiannual groundwater sampling report for 2013 to USEPA on May 2, 2014 and the 1st quarter IRM groundwater sampling report to USEPA on June 12, 2014.
- Conducted the 2nd quarter 2014 IRM and 1st semiannual groundwater sampling during the week of June 16, 2014.
- Conducted minor repairs of groundwater monitoring wells. The wells had protective covers and concrete well pads replaced, along with new well locks. Three wells (301-MW-4, 65-MW-1S, and AOC-PSTMW-3S) were inaccessible due to facility operations and site construction and will be repaired at a later date during 3rd quarter.
- Conducted a semiannual technical meeting between GE and USAF on May 13, 2014.
- Submitted the RCRA Corrective Measures Study (CMS) Work Plan to USEPA on May 16, 2014.
- Continued operating the IRM groundwater treatment plant, including scheduled and unscheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 95.0% for the quarter.

- Conducted 2nd quarter soil vapor sampling from nine of the eleven shallow sampling locations on June 27, 2014. The two points not sampled had water in the tubing (due to saturated conditions at the vapor sample point) and those samples will be collected early in 3rd quarter.
- Environmental Indicator CA 750 (Groundwater Migration Under Control) - further review is being performed by USEPA Region 5 management.
- Coordinated a site visit with USEPA, likely to occur in the fourth quarter 2014.
- Notified USEPA of plans for removal of the former Bldg 800 (mini-strip) air stripper IRM system during demolition of an adjacent building in 2014. The recovery well associated with this unit will also be abandoned.
- Initiated planning to decommission and remove the former pump and treat packed-tower air stripper system and to abandon the former recovery well on the southern portion of the GE property (former AFP36). GE is also planning to properly abandon the recovery wells associated with two other abandoned IRM systems. GE will notify USEPA via email prior to system removal/well abandonment.
- Continued in-place closure of a UST under Ohio's BUSTR program. Due to property improvements in this area, the wells were not accessible for groundwater sampling for several months, extending into the 2nd quarter 2014. GE maintained informal communications with Ohio BUSTR about the effect of property improvements on the closure assessment sampling schedule; however, GE recently received a notification from Ohio BUSTR indicating a Closure Assessment Report has not yet been filed with Ohio BUSTR. A phone conversation was held with the BUSTR PM on June 24, 2014 to clarify the status of closure assessment activities and to confirm plans for sampling and reporting in the next quarter.

Summary of All Findings:

- None

Contacts with the Public:

- None

Problems or Potential Problems Encountered:

- None

Actions Taken to Rectify Problems:

- None

Changes in Personnel During Reporting Period:

- None

Projected Work for Third Quarter 2014:

- Continue pumping in the three aquifer zones (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct IRM water level monitoring and transducer download in early July 2014.
- Conduct annual area-wide groundwater level monitoring in July 2014
- Conduct groundwater sampling for natural attenuation parameters in July 2014.
- Begin preparation of the 2nd quarter/1st semiannual IRM groundwater monitoring report.

- Continue operating the IRM groundwater treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Replace the extraction well pump in EW-5P.
- Collect shallow soil vapor samples from the two locations not sampled in June 2014 and from eleven sampling locations for the 3rd quarter vapor sampling event.
- Submit Tier 1 Notification form to BUSTR for the Bldg 500 UST abandonment project. Perform closure assessment sampling and reporting.

Copies of Daily Reports and Laboratory/Monitoring Data:

None