



Los Alamos Technical Associates, Inc.

756 Park Meadow Road / Westerville, Ohio 43081 / (614) 508-1200 (phone) / (614) 508-1201 (fax) / www.lata.com

July 10, 2014

Mr. Saqib Khan
Project Manager
US Army Corps of Engineers
Kansas City District
601 East 12th Street
Kansas City, Missouri 64106

SUBJECT: July 2014 Operating Report for the Vestal Well field 1-1 Superfund Site, Area 4,
Vestal, New York

Dear Mr. Khan:

Attached is the monthly report for July 2014 on the activities being performed at the Vestal Well field 1-1 Superfund Site, Area 4, Vestal, New York. This report details the activities and data collected at the site over the operating period.

If you have any questions, please feel free call me at (614) 508-1200.

Sincerely,
LOS ALAMOS TECHNICAL ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read 'Shannon Lloyd', is written over a horizontal line.

Shannon Lloyd
Sr. Project Manager

Attachments

cc: Sharon Trocher- USEPA
Payson Long – NYS DEC
Tom Cimorelli –USACE-NYD
Timothy Leonard – USACE- NYD
Frank Bales –USACE-NWK
File

TO: Saqib Khan, Project Manager
United States Army Corps of Engineers (USACE)

FROM: Shannon Lloyd, Project Manager
Los Alamos Technical Associates, Inc. (LATA)

SUBJECT: July 2014 Monthly Report on Activities at the Vestal Well field 1-1 Superfund Site, Area 4, Vestal, New York

LATA Project # 11202
Contract # W912DQ-09-D-3003,
Task Order # 008

DATE: July 10, 2014

CURRENT ACTIVITIES

LATA's technician visited the Vestal Area 4 Site for the regularly scheduled monthly O&M visit on July 3, 2014 to perform the routine monthly inspection and testing of the facilities and equipment.

Work performed during the July 3rd visit was; inspect the main treatment system and cell buildings and surrounding areas for issues, inspect the equipment in the main building and ancillary buildings, re-start the system to verify operation, collect data and equipment readings, vegetation and vines on fence surrounding the main building were sprayed with Roundup, and grass around cell buildings, main building and fence line was trimmed. Details and photos of the visit are attached. The site inspection forms detailing the data readings collected and observations during the site visit are attached to this report.

No other operational issues were noted during the inspection. Both the distribution buildings and the adjacent parking lot area were inspected and no issues were noted.

There were no communications or concerns with local municipalities or others during this inspection.

Blower Run Hours

Date	Hour Meter Reading
06/05/14	18,315.9
07/03/14	18,317.7
1.8 hrs. run time	

OUTSTANDING ISSUES/RESOLUTIONS

The electrical billing was not available from the utility company in time to include with this report. The electric usage table will be updated and sent out with the next monthly report.

PLANS FOR NEXT MONTH

Plans for the August 2014 visit includes inspection and collection of SVE system readings and its components and other maintenance as required.

Site Photo Log

Cell Building #1



Cell Building #2



Main Treatment Building



SITE VISIT SHEETS



Los Alamos Technical Associates, Inc.
756 Park Meadow Road
Westerville, OH 43081

Field Data Reading Sheet

Site Name

Project Number:

Date:

Weather:

VESTAL

11130644

7/3/2014

Sunny, 80s

Sampled By:

S. Samaroo

Instrument Identification

Make/Model	PID		Other
	Cal info	NA	NA

Main Equipment Building

Main Control Panel

Hour Meter Reading - SVE Unit

Control Box Locked

Control Door Locked

18317.7

No Lock

No Lock

SVE Pumping Unit

Injection Blower Temp

Injection Blower Temp Setting

Pressure After Injection Blower

Vacuum Blower Temp

Vacuum Blower Temp Setting

Vacuum After Filter

Pressure AfterVacuum Blower

210

--

22

160

--

24

9

°F

" H2O

°F

" H2O

" H2O

Grease Seals Checked

Oil Levels Checked

Belts Checked for Wear

☒

Yes

☐

No

☒

Yes

☐

No

☒

Yes

☐

No

Date of last Grease

Date of Last Oil Change

Belt Guard in Place

11/15/2011

11/15/2011

Yes

Alarms Present (described below if Yes)

☐

Yes

☒

No

Comments

General Site Observations

Check and Note Condition of Site

Grass around Buildings

Vines and Weeds around Buildings

☐

OK

☒

Trimmed

☐

OK

☒

Trimmed

Comments

Vines around main building sprayed with Roundup.
Grass around main building, cell 1, and cell 2 trimmed with weedeater.

Field Activity Checklist

SVE Wellhead air Flows Measured

SVE Wells Sampled

Carbon Changeout Performed

Water Removal Performed

Exterior of Main building and Cell Buildings Inspected

☐

Yes

☒

No

☐

Yes

☒

No

☐

Yes

☒

No

☐

Yes

☒

No

☒

Yes

☐

No

Summary of Process Air Sampling

NA

Summary of Other Activities

NA



Site Name VESTAL Sampled By: S. Samaroo Date 7/3/2014

Carbon Bed System

Check all aboveground piping, valves, fittings and other components for cracks or leaks.
Check Carbon Beds connections and associated instrumentation

Pressure Before GAC Unit 1	40	" H2O
Temperature Before GAC Unit 1	140	F
Pressure Between GACUnit 1 and GAC Unit 2	30	"H2O
Pressure Before GAC Unit 2	8	" H2O
Temperature Before GAC Unit 2	92	F

Water Storage Unit

Check all aboveground piping, valves, fittings and other components for cracks or leaks.
Check Carbon Beds connections and associated instrumentation

Volume of Water in Storage Tank	0	Gallons
Water in Containment Vessel	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Amount 0 Inches

Cell 1 Distribution Building

Check all aboveground piping, valves, fittings and other components for cracks or leaks and adequacy of seals

Building Locked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Control Box Locked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Control Box Disconnect On	<input type="checkbox"/> Yes <input type="checkbox"/> No	240 V Disconnect On	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Selector Switch	<input type="checkbox"/> MAN <input type="checkbox"/> OFF <input checked="" type="checkbox"/> AUTO			
Vacuum Status Light	<input checked="" type="checkbox"/> OFF <input type="checkbox"/> ON			
Electrical Heat Breaker	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Heater Thermostat Setting	38	°F		
Pressure at Injection Manifold	110	"H2O		
Temperature at Injection Manifold	74	°F		
Vacuum at Vacuum Manifold	52	"H2O		
Temperature at Vacuum Manifold	76	°F		
Vacuum at Knockout Tank	28	"H2O		
Water Pump Pressure Relief Settings	--	psi		

Cell 2 Distribution Building

Check all aboveground piping, valves, fittings and other components for cracks or leaks and adequacy of seals

Building Locked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Control Box Locked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Control Box Disconnect On	<input type="checkbox"/> Yes <input type="checkbox"/> No	240 V Disconnect On	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Selector Switch	<input type="checkbox"/> MAN <input type="checkbox"/> OFF <input checked="" type="checkbox"/> AUTO			
Vacuum Status Light	<input checked="" type="checkbox"/> OFF <input type="checkbox"/> ON			
Electrical Heat Breaker	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Heater Thermostat Setting	40	°F		
Pressure at Injection Manifold	112	"H2O		
Temperature at Injection Manifold	78	°F		
Vacuum at Vacuum Manifold	45	"H2O		
Temperature at Vacuum Manifold	68	°F		
Vacuum at Knockout Tank	22	"H2O		
Water Pimp Pressure Relief Settings	--	psi		

Comments -NONE

Daily Quality Control Report

Date: 7/3/2014		Report No.						
Project: VESTAL	Day:	Su	M	T	W	Th	F	Sa
Project no.: 11130644	Weather:	Clear	Cloudy		Overcast		Rain	Snow
Project Manager: Shannon Lloyd	Temp. (°F)	To 32°	32° - 50°		50° - 70°		70° - 85°	85° up
Project QC Officer:	Wind:	Still	Moderate		High			
	Humidity:	Dry	Moderate		High			
Personnel onsite:								
Sunil Samaroo (URS)								
Sampling equipment on site:								
N/A								
Work performed:								
Performed general site observations, recorded system readings in main equipment building,								
Cell 1 distribution building, and Cell 2 distribution building.								
Vines around main building sprayed with Roundup.								
Grass around main building, cell 1, and cell 2 trimmed with weedeater.								

Daily Quality Control Report (continued)

Project: VESTAL

Report no.:

Project no.: 11130644

Date: 7/3/2014

Quality control activities (including field calibrations):
N/A
Health and safety levels and activities:
Problems encountered/corrective actions taken:
Special notes:
Tomorrow's expectations:

Sheet 2 of 2

By: Sunil Samaroo Title: Environmental Scientist