

Matt S.



TETRA TECH FW, INC.

8

24 June 2004
RAC II-2004-104

Ms. Sharon Trocher
Work Assignment Manager
U.S. Environmental Protection Agency
290 Broadway, 20th Floor
New York, NY 10007-1866

**SUBJECT: USEPA RAC II CONTRACT NUMBER 68-W-98-214
WORK ASSIGNMENT NUMBER 109-RALR-0238
VESTAL WATER SUPPLY WELL, OPERABLE UNIT 1
FEBRUARY 2004 PERFORMANCE MONITORING REPORT**

Dear Ms. Trocher:

I am pleased to provide the February 2004 Monthly Performance Monitoring Report for the Vestal Water Supply Well treatment facility.

A. Monthly Operations

The treatment system at the Vestal Water Supply Well operated continuously during the month of February. The Monthly Operating Report submitted by the Long Term Response Subcontractor, Aguilar Environmental, Inc., is included in Attachment 1. A summary of the operation and maintenance activities performed during February is as follows:

- Routine cleaning and inspections of the facility were performed;
- Air filters were replaced; and
- The monthly influent and effluent samples were collected.

B. Operational Data

The following table presents operational data for the year 2004, arranged by month:



1000 The American Road, Morris Plains, NJ 07950
Tel 973.630.8000 Fax 973.630.8025
www.ttfwi.com

Month	Operating Days	Average flow Meter%	Average flow rate (gpm)	Amount of groundwater treated (mg)
January	31	50	575	25.7
February	29	50	575	24
Volume of groundwater treated for 2004				49.7
Volume of groundwater treated for the OU-1				2469.3

gpm - gallons per minute

mg - millions of gallons

C. Comparison of Influent and Effluent Concentrations with Discharge Criteria

The treatment plant influent and effluent analytical data received from the EPA-DESA laboratory for the month of February 2004 are included in Attachment 2. A summary of the data for the compounds detected in the plant influent and effluent is as follows:

Compound	Discharge Criteria (ug/L)	Influent Concentration (ug/L)												Effluent Concentration (ug/L) February
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Vinyl Chloride	2	4.8	3.4											0.5 U
Chloroethane		1.0	0.6											0.5 U
1,1-Dichloroethene*	5	11	8.7											0.5 U
1,1,2 Trichloro-1,2,2-Trifluoroethane		3.6	2.7											0.5 U
Trans 1,2-Dichloroethene*	5	0.5 U	0.5 U											0.5 U
Methyl Tert-Butyl Ether		3.9	4.1											1.0
1,1-Dichloroethane	5	23	20											0.5 U
Cis-1,2-Dichloroethene*	5	56	49											0.5
Chloroform	7	0.5 U	0.5 U											0.5 U
1,1,1-Trichloroethane*	5	120	110											0.5 U
Trichloroethene*	5	46	43											0.5 U
Total Volatile Organics*	100	269.3	241.5											1.5

Note:

ug/L = micrograms per liter

* = Site Contaminant of Concern

U = Below Reporting Limit

D. Next Month's Activities

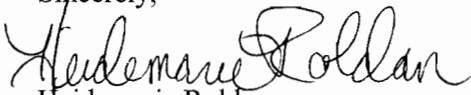
The following activities are planned for March 2004:

- Finish repairs on pump control valve
- Routine system maintenance.

E. Summary and Recommendations

Based on the treatment plant influent and effluent data summarized above, it can be concluded that the treated water continues to meet the discharge limits. Please feel free to contact me at (973) 630-8197 if you should have any questions.

Sincerely,



Heidemarie Roldan

Project Manager

Attachments

cc: K. Moncino (EPA)
M. Dunham (NYSDEC)

Attachment 1



U.S. Environmental Protection Agency
Region 2 Laboratory

Data Report: Vestal Well 1-1 [02/04]

Project Number: 04020029

Program: Y206E

Project Leader: L. Niles

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED



U.S. EPA Region 2 Laboratory
Data Report

Survey Name: Vestal Well 1-1 [02/04]

Project Number: 04020029

*Sorted By Sample ID



U.S. EPA Region 2 Laboratory
Data Report

Survey Name: Vestal Well 1-1 [02/04]

Project Number: 04020029

*Sorted By Sample ID

AF00780 Field/Station ID: Influent
Matrix: Aqueous

Date Received: 2/11/2004

Sample Description: I-1 Well Influent

Analysis Type: VOA LOW LEVEL GCMS DRINK WTR

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	0.50U	ug/L
000074873	CHLOROMETHANE	---	0.50U	ug/L
000075014	VINYL CHLORIDE	3.4		ug/L
000074839	BROMOMETHANE	---	0.50U J	ug/L
000075003	CHLOROETHANE	0.60		ug/L
000075694	TRICHLOROFLUOROMETHANE	---	0.50U	ug/L
000075354	1,1-DICHLOROETHENE	8.7		ug/L
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.7		ug/L
000075150	CARBON DISULFIDE	---	0.50U	ug/L
000067641	ACETONE	---	1.0U	ug/L
79-20-9	METHYL ACETATE	---	0.50U	ug/L
000075092	METHYLENE CHLORIDE	---	0.50U	ug/L
000156605	TRANS-1,2-DICHLOROETHENE	---	0.50U	ug/L
001634044	METHYL TERT-BUTYL ETHER	4.1		ug/L
000075343	1,1-DICHLOROETHANE	20		ug/L
000156592	CIS-1,2-DICHLOROETHENE	49		ug/L
594-20-7	2,2-DICHLOROPROPANE	---	0.50U	ug/L
000078933	2-BUTANONE	---	1.0U	ug/L
000074975	BROMOCHLOROMETHANE	---	0.50U	ug/L
000067663	CHLOROFORM	---	0.50U	ug/L
71-55-6	1,1,1-TRICHLOROETHANE	110		ug/L
110-82-7	CYCLOHEXANE	---	0.50U	ug/L
000056235	CARBON TETRACHLORIDE	---	0.50U	ug/L
000563586	1,1-DICHLOROPROPENE	---	0.50U	ug/L
000071432	BENZENE	---	0.50U	ug/L
000107062	1,2-DICHLOROETHANE	---	0.50U	ug/L
025323891	TRICHLOROETHENE	43		ug/L
108-87-2	METHYLCYCLOHEXANE	---	0.50U	ug/L
000078875	1,2-DICHLOROPROPANE	---	0.50U	ug/L
000074953	DIBROMOMETHANE	---	0.50U	ug/L
000075274	BROMODICHLOROMETHANE	---	0.50U	ug/L
010061015	CIS-1,3-DICHLOROPROPENE	---	0.50U	ug/L
000108101	4-METHYL-2-PENTANONE	---	1.0U	ug/L
000108883	TOLUENE	---	0.50U	ug/L
010061026	TRANS-1,3-DICHLOROPROPENE	---	0.50U	ug/L
000079005	1,1,2-TRICHLOROETHANE	---	0.50U	ug/L
000127184	TETRACHLOROETHENE	---	0.50U	ug/L
000142289	1,3-DICHLOROPROPANE	---	0.50U	ug/L
000124481	DIBROMOCHLOROMETHANE	---	0.50U	ug/L
000106934	1,2-DIBROMOETHANE	---	0.50U	ug/L
000591786	2-HEXANONE	---	1.0U	ug/L
000108907	CHLOROBENZENE	---	0.50U	ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 3/25/2004 3:33PM

Page 3 of 6



U.S. EPA Region 2 Laboratory
Data Report

Survey Name: Vestal Well 1-1 [02/04]

Project Number: 04020029

*Sorted By Sample ID

AF00780 Field/Station ID: Influent
Matrix: Aqueous

Date Received: 2/11/2004

Sample Description: I-1 Well Influent

Analysis Type: VOA LOW LEVEL GCMS DRINK WTR

CAS Number	Analyte Name	Result	Remark Codes	Units
000630206	1,1,1,2-TETRACHLOROETHANE	---	0.50U	ug/L
100-41-4	ETHYLBENZENE	---	0.50U	ug/L
001330207	M/P-XYLENE	---	0.50U	ug/L
000095476	O-XYLENE	---	0.50U	ug/L
000100425	STYRENE	---	0.50U	ug/L
000075252	BROMOFORM	---	0.50U	ug/L
000098828	ISOPROPYLBENZENE	---	0.50U	ug/L
000108861	BROMOBENZENE	---	0.50U	ug/L
000096184	1,2,3-TRICHLOROPROPANE	---	0.50U	ug/L
000079345	1,1,2,2-TETRACHLOROETHANE	---	0.50U	ug/L
000103651	N-PROPYLBENZENE	---	0.50U	ug/L
000095498	2-CHLOROTOLUENE	---	0.50U	ug/L
106-43-4	4-CHLOROTOLUENE	---	0.50U	ug/L
000108678	1,3,5-TRIMETHYLBENZENE	---	0.50U	ug/L
000098066	TERT-BUTYLBENZENE	---	0.50U	ug/L
000095636	1,2,4-TRIMETHYLBENZENE	---	0.50U	ug/L
135-98-8	SEC-BUTYLBENZENE	---	0.50U	ug/L
000541731	1,3-DICHLOROBENZENE	---	0.50U	ug/L
000106467	1,4-DICHLOROBENZENE	---	0.50U	ug/L
000095501	1,2-DICHLOROBENZENE	---	0.50U	ug/L
000099876	4-ISOPROPYLTOLUENE	---	0.50U	ug/L
000104518	N-BUTYLBENZENE	---	0.50U	ug/L
000096128	1,2-DIBROMO-3-CHLOROPROPANE	---	0.50U	ug/L
000120821	1,2,4-TRICHLOROBENZENE	---	0.50U	ug/L
87-68-3	HEXACHLOROBUTADIENE	---	0.50U	ug/L
000091203	NAPHTHALENE	---	0.50U	ug/L
000087616	1,2,3-TRICHLOROBENZENE	---	0.50U	ug/L



U.S. EPA Region 2 Laboratory
Data Report

Survey Name: Vestal Well 1-1 [02/04]

Project Number: 04020029

*Sorted By Sample ID

AF00781 Field/Station ID: Effluent
Matrix: Aqueous

Date Received: 2/11/2004

Sample Description: 1-1 Well Effluent

Analysis Type: VOA LOW LEVEL GCMS DRINK WTR

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	0.50U	ug/L
000074873	CHLOROMETHANE	---	0.50U	ug/L
000075014	VINYL CHLORIDE	---	0.50U	ug/L
000074839	BROMOMETHANE	---	0.50U	ug/L
000075003	CHLOROETHANE	---	0.50U	ug/L
000075694	TRICHLOROFLUOROMETHANE	---	0.50U	ug/L
000075354	1,1-DICHLOROETHENE	---	0.50U	ug/L
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	0.50U	ug/L
000075150	CARBON DISULFIDE	---	0.50U	ug/L
000067641	ACETONE	---	1.0U	ug/L
79-20-9	METHYL ACETATE	---	0.50U	ug/L
000075092	METHYLENE CHLORIDE	---	0.50U	ug/L
000156605	TRANS-1,2-DICHLOROETHENE	---	0.50U	ug/L
001634044	METHYL TERT-BUTYL ETHER	1.0		ug/L
000075343	1,1-DICHLOROETHANE	---	0.50U	ug/L
000156592	CIS-1,2-DICHLOROETHENE	0.50		ug/L
594-20-7	2,2-DICHLOROPROPANE	---	0.50U	ug/L
000078933	2-BUTANONE	---	1.0U	ug/L
000074975	BROMOCHLOROMETHANE	---	0.50U	ug/L
000067663	CHLOROFORM	---	0.50U	ug/L
71-55-6	1,1,1-TRICHLOROETHANE	---	0.50U	ug/L
110-82-7	CYCLOHEXANE	---	0.50U	ug/L
000056235	CARBON TETRACHLORIDE	---	0.50U	ug/L
000563586	1,1-DICHLOROPROPENE	---	0.50U	ug/L
000071432	BENZENE	---	0.50U	ug/L
000107062	1,2-DICHLOROETHANE	---	0.50U	ug/L
025323891	TRICHLOROETHENE	---	0.50U	ug/L
108-87-2	METHYLCYCLOHEXANE	---	0.50U	ug/L
000078875	1,2-DICHLOROPROPANE	---	0.50U	ug/L
000074953	DIBROMOMETHANE	---	0.50U	ug/L
000075274	BROMODICHLOROMETHANE	---	0.50U	ug/L
010061015	CIS-1,3-DICHLOROPROPENE	---	0.50U	ug/L
000108101	4-METHYL-2-PENTANONE	---	1.0U	ug/L
000108883	TOLUENE	---	0.50U	ug/L
010061026	TRANS-1,3-DICHLOROPROPENE	---	0.50U	ug/L
000079005	1,1,2-TRICHLOROETHANE	---	0.50U	ug/L
000127184	TETRACHLOROETHENE	---	0.50U	ug/L
000142289	1,3-DICHLOROPROPANE	---	0.50U	ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 3/25/2004 3:33PM



U.S. EPA Region 2 Laboratory
Data Report

Survey Name: Vestal Well 1-1 [02/04]

Project Number: 04020029

*Sorted By Sample ID

AF00781 Field/Station ID: Effluent
Matrix: Aqueous

Date Received: 2/11/2004

Sample Description: 1-1 Well Effluent

Analysis Type: VOA LOW LEVEL GCMS DRINK WTR

CAS Number	Analyte Name	Result	Remark Codes	Units
000124481	DIBROMOCHLOROMETHANE	---	0.50U	ug/L
000106934	1,2-DIBROMOETHANE	---	0.50U	ug/L
000591786	2-HEXANONE	---	1.0U	ug/L
000108907	CHLOROBENZENE	---	0.50U	ug/L
000630206	1,1,1,2-TETRACHLOROETHANE	---	0.50U	ug/L
100-41-4	ETHYLBENZENE	---	0.50U	ug/L
001330207	M/P-XYLENE	---	0.50U	ug/L
000095476	O-XYLENE	---	0.50U	ug/L
000100425	STYRENE	---	0.50U	ug/L
000075252	BROMOFORM	---	0.50U	ug/L
000098828	ISOPROPYLBENZENE	---	0.50U	ug/L
000108861	BROMOBENZENE	---	0.50U	ug/L
000096184	1,2,3-TRICHLOROPROPANE	---	0.50U	ug/L
000079345	1,1,2,2-TETRACHLOROETHANE	---	0.50U	ug/L
000103651	N-PROPYLBENZENE	---	0.50U	ug/L
000095498	2-CHLOROTOLUENE	---	0.50U	ug/L
106-43-4	4-CHLOROTOLUENE	---	0.50U	ug/L
000108678	1,3,5-TRIMETHYLBENZENE	---	0.50U	ug/L
000098066	TERT-BUTYLBENZENE	---	0.50U	ug/L
000095636	1,2,4-TRIMETHYLBENZENE	---	0.50U	ug/L
135-98-8	SEC-BUTYLBENZENE	---	0.50U	ug/L
000541731	1,3-DICHLOROBENZENE	---	0.50U	ug/L
000106467	1,4-DICHLOROBENZENE	---	0.50U	ug/L
000095501	1,2-DICHLOROBENZENE	---	0.50U	ug/L
000099876	4-ISOPROPYLTOLUENE	---	0.50U	ug/L
000104518	N-BUTYLBENZENE	---	0.50U	ug/L
000096128	1,2-DIBROMO-3-CHLOROPROPANE	---	0.50U	ug/L
000120821	1,2,4-TRICHLOROBENZENE	---	0.50U	ug/L
87-68-3	HEXACHLOROBUTADIENE	---	0.50U	ug/L
000091203	NAPHTHALENE	---	0.50U	ug/L
000087616	1,2,3-TRICHLOROBENZENE	---	0.50U	ug/L

Project Approval:

Date:

3/29/04

Refer to Page 1 for an explanation of Remark Codes

Report Date: 3/25/2004 3:33PM

Attachment 2



AGUILAR ENVIRONMENTAL, INC.

919 Highway 33 - #47, Freehold, New Jersey 07728 • (732) 294-9980 • Fax (732) 294-9939

FEBRUARY 2004

MONTHLY OPERATING REPORT

for

OPERATION & MAINTENANCE

at

**VESTAL WELL 1-1 SITE
VESTAL, NEW YORK**

Prepared for

TETRA TECH FW, INC.
1000 The American Road
Morris Plains, New Jersey 07950

SUBCONTRACT #15623

Prepared by

AGUILAR ENVIRONMENTAL, INC.
919 Highway 33, Suite #47
Freehold, New Jersey 07728

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	MONTHLY OPERATIONS	1
3.0	REPAIR WORK	1
4.0	PROPOSED WORK	1
5.0	RECOMMENDATIONS	2

APPENDICES

Appendix A - Copy of Log

Appendix B - Weekly Health and Safety Inspection Forms

1.0 INTRODUCTION

The treatment system at Vestal Well 1-1 has operated continuously for the month of February. The cathodic protection system operated without problems. Cathodix Inc. has not yet sent the recorder previously talked about to collect the data. There have been no new problems with the heating system. In the chlorine building the fan is still not working, therefore a small portable heater has been placed inside to heat the room. The pump control valve still needs additional repair. Estimated date for this project is yet to be determined.

2.0 MONTHLY OPERATIONS

The following work took place:

- Routine site inspections of the facility.
- Removed dirt piles from old pump house room as per Simon
- Snow shoveled
- Old pump house cleaned and swept
- Removed layers of ice from path
- Monthly sampling with Simon.

3.0 REPAIR WORK

All repair work that took place was mentioned above.

4.0 PROPOSED WORK

- Finish pump control valve
- Paint piping in stripper/blower building (after repair work is complete)

5.0 RECOMMENDATIONS

It is recommended that the following be acted upon by Foster Wheeler.

1. Pursue getting approval to turn off high service pump

APPENDIX A

COPY OF LOG

Vestal Well 1-1 Site
Vestal, New York

Monthly Operating Report
February 2004

AGUILAR ENVIRONMENTAL, INC.

919 Highway 33 - #47, Freehold, New Jersey 07728 ■ Phone No. (732) 294-9980 ■ Fax No. (732) 294-9939

FEBRUARY

January 2004

S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

February 2004
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29

Notes

2

MONDAY

03/3/33 WEEK 6

Every thing
fine
good

3

TUESDAY

03/4/32 WEEK 6

No Visit

4

WEDNESDAY

03/5/31 WEEK 6

cleared Blower Room Filters
(These Filters must be Replaced,
I cannot continue to keep cleaning them)

S M T W T F S
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

1 2
3 4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

1 2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

Notes

5

THURSDAY

036/330 WEEK 6

No Visit

6

FRIDAY

037/329 WEEK 6

Weekly health & safety inspection

Air monitoring ✓

Emergency showers ✓

Fire Extinguishers ✓

8

SATURDAY

038/328 WEEK 6

No Visit

SUNDAY

039/327 WEEK 7

- cleaned strainer on filter

weather warming up

will be able to remove

ice soon

4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31
32 33 34 35 36 37 38
39 40 41 42 43 44 45
46 47 48 49 50 51 52

Notes

9

MONDAY

04/03/26 WEEK 7

No Visit

10

TUESDAY

04/13/25 WEEK 7

Met w/ Simon

- shovelled snow (removed melting ice from path) (Finish later in week)

11

WEDNESDAY

04/23/24 WEEK 7

No Visit

January 2004
 S M T W T F S
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29 30 31

February 2004
 S M T W T F S
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29

March 2004
 S M T W T F S
 1 2 3 4 5 6
 7 8 9 10 11 12 13
 14 15 16 17 18 19 20
 21 22 23 24 25 26 27
 28 29 30 31

April 2004
 S M T W T F S
 1 2 3 4 5 6
 7 8 9 10 11 12 13
 14 15 16 17 18 19 20
 21 22 23 24 25 26 27
 28 29 30

May 2004
 S M T W T F S
 1 2 3 4 5 6 7 8
 9 10 11 12 13 14 15
 16 17 18 19 20 21 22
 23 24 25 26 27 28 29
 30 31

June 2004
 S M T W T F S
 1 2 3 4 5
 6 7 8 9 10 11 12
 13 14 15 16 17 18 19
 20 21 22 23 24 25 26
 27 28 29 30

2004
 Week of FEB 9-15

Notes

12

THURSDAY
 043/323 WEEK 7
 Lincoln's Birthday

Weekly health & safety Inspection

Air monitoring ✓

Fire Extinguisher ✓

Emergency Shower

13

FRIDAY
 044/322 WEEK 7

Finished removing Ice from the path (warmed up to above Freezing)

Everything Fine

14

SATURDAY
 045/321 WEEK 7
 Valentine's Day

No Visit

15

SUNDAY
 046/320 WEEK 8

No Visit

✓
 Ice melting due to rain
 path (Finish later in week)

✓

FEBRUARY

January 2004
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29

February 2004
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29

Notes

16

MONDAY

047/319 WEEK 8

President's Day

Swept dirt piles out of
old pump room, kicked up a ton
of dust but looks a lot better

17

TUESDAY

048/318 WEEK 8

Every thing
FINE

18

WEDNESDAY

049/317 WEEK 8

No visit

January 2000
 S M T W T F S
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29 30 31

es out of
 bed up a ton
 of better

Notes

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

19

THURSDAY
 050316 WEEK 8

No Visit

20

FRIDAY
 051315 WEEK 8

Weekly health & Safety Check

Fire Extinguishers ✓

Air Monitoring ✓

Emergency showers ✓

21

SATURDAY
 052314 WEEK 8

No Visit

22

SUNDAY
 053313 WEEK 9
 Washington's Birthday

removed dust
~~from~~ and in 'dip
 from both pumps

FEBRUARY

January 2004
S M T W T F S
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

Notes

23

MONDAY

054/312 WEEK 9

No visit

24

TUESDAY

055/311 WEEK 9

washed floor in the old pun

house, excess cement patch from
when I fixed the hole needed
be cleaned

25

WEDNESDAY

056/310 WEEK 9

Ash Wednesday

No visit

January 2004
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28 29 30 31

February 2004
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28 29

March 2004
S M T W T F S
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

April 2004
S M T W T F S
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

May 2004
S M T W T F S
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

June 2004
S M T W T F S
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30

2004
Week of FEB. 23-29

Notes

26

THURSDAY

057/309 WEEK 9

No Visit

27

FRIDAY

058/308 WEEK 9

Weekly health & Safety Inspection

Air monitoring ✓

Fire Extinguishers ✓

Emergency Showers ✓

28

SATURDAY

059/307 WEEK 9

No Visit

29

SUNDAY

060/306 WEEK 10

Everything

Fine

the old pump
vent patch from
hole needed to

AGUILAR ASSOCIATES

VESTAL WELL 1-1

MONTH

Feb '04

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WELL HOUSE	SA	M	T	W	TH	F	SA	SUN	M	T	W	TH	F	SA	SUN	MON	TU	W	TH	F	SA	SUN	MON	TU	W	TH	F	SA	SUN	MON	TU
WELL PUMP PACKING		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
PRE LUBE LINE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
PUMP MOTOR OIL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
PUMP VIBRATION / HEAT		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
CHEMICAL BUILDING																															
SUMP PUMP		✓				✓							✓							✓											
DISCHARGE VALVES		✓				✓							✓							✓											
FLOW METER %		50				50							60							40											
DIALER - ALARMS		✓				✓							✓							✓											
CHLORINE ROOM																															
GENERAL CONDITION		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
TOWER PACKING INSP.		✓				✓				✓			✓							✓											
MAIN PUMPHOUSE																															
BLOWER AND MOTOR		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
BLOWER AIR FILTERS		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
ALARM/CONTROL PANEL		✓																													
CLEARWELL LEVEL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
FLOAT & BYPASS LINE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
H.S. PUMP PACKING		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
H.S. PUMP MOTOR OIL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
PUMP VIBRATION / HEAT		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
SURGE RELIEF VALVE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
DISCHARGE PRESSURE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
DEMAND METER READ		130		130		130		130		130		130		130		130		130		130		130		130		130		130		130	
MOTOR CONT. CENTER		✓				✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
OTHER																															
GROUPS		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
INGROUND TANK LEVEL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
AIR MONITORING																															
CALIBRATE METERS		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
OUTSIDE AIR		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
WELL HOUSE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
CHEMICAL BUILDING		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
CHEM. BLDG. BASEMENT		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
CHLORINE ROOM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
MAIN PUMPHOUSE		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	

4pm 5pm 3:00pm 1pm 5:00 5pm 5pm 4am 3am 5pm 1am 6am 5am 1am

APPENDIX B

WEEKLY HEALTH & SAFETY INSPECTION FORMS

Vestal Well 1-1 Site
Vestal, New York

Monthly Operating Report
February 2004

AGUILAR ENVIRONMENTAL, INC.

919 Highway 33 - #47, Freehold, New Jersey 07728 ■ Phone No. (732) 294-9980 ■ Fax No. (732) 294-9939

**VESTAL WELL 1-1 SITE
WEEKLY HEALTH AND SAFETY INSPECTION FORM**

Inspector's Name: Travis R Shimer

Date: 2/6/04

Signature: *T. R. Shimer*

Time: 3:00pm

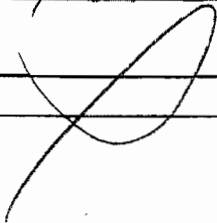
WORK CONDITIONS	YES	NO	OBSERVATIONS
Walking/Working Surfaces	☒		
Aisles and Passageways	☒		
Ladders	☒		
Exits/Egress	☒		
Roadways	☒		
Ventilation	☒		
Lighting	☒		
Noise Exposure	☒		
MATERIALS	YES	NO	OBSERVATIONS
Stacking and Storage	☒		
Chemicals and Fuel	☒		
Compressed Gases	☒	☒	
EQUIPMENT	YES	NO	OBSERVATIONS
Hand/Portable Tools	☒		
Materials Handling Equipment	☒		
Mechanical Power Systems	☒		
Pneumatic Power Systems	☒	☒	
Electrical Power Systems	☒		
Valves and Controls	☒		
HAZARD CONTROLS	YES	NO	OBSERVATIONS
Lock-Out Systems	☒		
Signs and Tags	☒		
Materials Labeling	☒		
Warning Systems	☒		

EMERGENCY SYSTEMS	YES	NO	OBSERVATIONS
Emergency Instructions	✓		
Fire Protection	✓		
Eye Wash and Showers	✓		
First Aid Kits/Stations	✓		
PROTECTIVE EQUIPMENT	YES	NO	OBSERVATIONS
Eye Protection	✓		
Ear Protection	✓		
Respiratory Protection	✓		
Head Protection	✓		
Hand Protection	✓		
Foot Protection	✓		
Body Protection	✓		
WASTE STORAGE AREAS	YES	NO	OBSERVATIONS
Drum Storage	✓		
Underground Storage Tank	✓		

ADDITIONAL COMMENTS: Fire Extinguishers - checked ✓

Air monitoring system - checked ✓

Emergency showers - checked ✓

ACTIONS REQUIRED: 

**VESTAL WELL 1-1 SITE
WEEKLY HEALTH AND SAFETY INSPECTION FORM**

Inspector's Name: Travis R Shimer

Date: 2/12/04

Signature: T R Shimer

Time: 5:00pm

WORK CONDITIONS	YES	NO	OBSERVATIONS
Walking/Working Surfaces	✓		
Aisles and Passageways	✓		
Ladders	✓		
Exits/Egress	✓		
Roadways	✓		
Ventilation	✓		
Lighting	✓		
Noise Exposure	✓		
MATERIALS	YES	NO	OBSERVATIONS
Stacking and Storage	✓		
Chemicals and Fuel	✓		
Compressed Gases	✓		
EQUIPMENT	YES	NO	OBSERVATIONS
Hand/Portable Tools	✓		
Materials Handling Equipment	✓		
Mechanical Power Systems	✓		
Pneumatic Power Systems	✓		
Electrical Power Systems	✓		
Valves and Controls	✓		
HAZARD CONTROLS	YES	NO	OBSERVATIONS
Lock-Out Systems	✓		
Signs and Tags	✓		
Materials Labeling	✓		
Warning Systems	✓		

EMERGENCY SYSTEMS	YES	NO	OBSERVATIONS
Emergency Instructions	✓		
Fire Protection	✓		
Eye Wash and Showers	✓		
First Aid Kits/Stations	✓		
PROTECTIVE EQUIPMENT	YES	NO	OBSERVATIONS
Eye Protection	✓		
Ear Protection	✓		
Respiratory Protection	✓		
Head Protection	✓		
Hand Protection	✓		
Foot Protection	✓		
Body Protection	✓		
WASTE STORAGE AREAS	YES	NO	OBSERVATIONS
Drum Storage	✓		
Underground Storage Tank	✓		

ADDITIONAL COMMENTS: Air Monitoring - checked ✓

Fire Extinguisher ✓

Emergency shower ✓

ACTIONS REQUIRED: ✓

FOLLOW-UP: ✓

**VESTAL WELL 1-1 SITE
WEEKLY HEALTH AND SAFETY INSPECTION FORM**

Inspector's Name: Travis R Shimer

Date: 2/20/04

Signature: *T. Shimer*

Time: 5:00pm

WORK CONDITIONS	YES	NO	OBSERVATIONS
Walking/Working Surfaces	✓		
Aisles and Passageways	✓		
Ladders	✓		
Exits/Egress	✓		
Roadways	✓		
Ventilation	✓		
Lighting	✓		
Noise Exposure	✓		
MATERIALS	YES	NO	OBSERVATIONS
Stacking and Storage	✓		
Chemicals and Fuel	✓		
Compressed Gases	✓		
EQUIPMENT	YES	NO	OBSERVATIONS
Hand/Portable Tools	✓		
Materials Handling Equipment	✓		
Mechanical Power Systems	✓		
Pneumatic Power Systems	✓		
Electrical Power Systems	✓		
Valves and Controls	✓		
HAZARD CONTROLS	YES	NO	OBSERVATIONS
Lock-Out Systems	✓		
Signs and Tags	✓		
Materials Labeling	✓		
Warning Systems	✓		

EMERGENCY SYSTEMS	YES	NO	OBSERVATIONS
Emergency Instructions	✓		
Fire Protection	✓		
Eye Wash and Showers	✓		
First Aid Kits/Stations	✓		
PROTECTIVE EQUIPMENT	YES	NO	OBSERVATIONS
Eye Protection	✓		
Ear Protection	✓		
Respiratory Protection	✓		
Head Protection	✓		
Hand Protection	✓		
Foot Protection	✓		
Body Protection	✓		
WASTE STORAGE AREAS	YES	NO	OBSERVATIONS
Drum Storage	✓		
Underground Storage Tank	✓		

ADDITIONAL COMMENTS:

Fire Extinguishers - ck ✓

Air Monitoring - ck ✓

Emergency Showers - ck ✓

ACTIONS REQUIRED:

~~X~~

FOLLOW-UP:

~~X~~

**VESTAL WELL 1-1 SITE
WEEKLY HEALTH AND SAFETY INSPECTION FORM**

Inspector's Name: Travis R Shimer

Date: 2/27/04

Signature: [Signature]

Time: 5pm

WORK CONDITIONS	YES	NO	OBSERVATIONS
Walking/Working Surfaces	✓		
Aisles and Passageways	✓		
Ladders	✓		
Exits/Egress	✓		
Roadways	✓		
Ventilation	✓		
Lighting	✓		
Noise Exposure	✓		
MATERIALS	YES	NO	OBSERVATIONS
Stacking and Storage	✓		
Chemicals and Fuel	✓		
Compressed Gases	✓		
EQUIPMENT	YES	NO	OBSERVATIONS
Hand/Portable Tools	✓		
Materials Handling Equipment	✓		
Mechanical Power Systems	✓		
Pneumatic Power Systems	✓		
Electrical Power Systems	✓		
Valves and Controls	✓		
HAZARD CONTROLS	YES	NO	OBSERVATIONS
Lock-Out Systems	✓		
Signs and Tags	✓		
Materials Labeling	✓		
Warning Systems	✓		

EMERGENCY SYSTEMS	YES	NO	OBSERVATIONS
Emergency Instructions	✓		
Fire Protection	✓		
Eye Wash and Showers	✓		
First Aid Kits/Stations	✓		
PROTECTIVE EQUIPMENT	YES	NO	OBSERVATIONS
Eye Protection	✓		
Ear Protection	✓		
Respiratory Protection	✓		
Head Protection	✓		
Hand Protection	✓		
Foot Protection	✓		
Body Protection	✓		
WASTE STORAGE AREAS	YES	NO	OBSERVATIONS
Drum Storage	✓		
Underground Storage Tank	✓		

ADDITIONAL COMMENTS: Fire Extinguishers checked ✓
Air Monitoring system checked ✓
Emergency Showers checked ✓

ACTIONS REQUIRED: _____

FOLLOW-UP: _____

