



Tetra Tech EM Inc.

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October 12, 2004

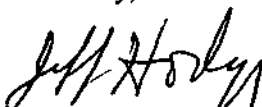
Mr. Roy Crossland
START Project Officer
U.S. Environmental Protection Agency, Region 7
901 North 5th Street
Kansas City, Kansas 66101

Subject: Post-Removal Summary Report
Chemical Commodities Incorporated, Olathe, Kansas
U.S. EPA Region 7 START, Contract No. 68-S7-01-41, Task Order No. 0141
Task Monitor: Paul E. Doherty, On-Scene Coordinator

Dear Mr. Crossland:

Tetra Tech EM Inc. is submitting the attached Post-Removal Summary Report for activities at the Chemical Commodities Incorporated site in Olathe, Kansas. The primary objective of this report is to document activities performed by START following the completion of an EPA-funded removal action at the site. If you have any questions or comments, please contact Mr. Nicholas Godfrey, the START Project Manager, at (913) 495-3962.

Sincerely,

for 
Nicholas M. Godfrey
START Project Manager

for 
Hieu Q. Vu, PE, CHMM
START Program Manager

Enclosures

G9011/0141



POST-REMOVAL SUMMARY REPORT
CHEMICAL COMMODITIES INCORPORATED, OLATHE, KANSAS

Superfund Technical Assessment and Response Team (START) Contract

Contract No. 68-S7-01-41, Task Order 0141

Prepared For:

**U.S. Environmental Protection Agency
Region 7
Superfund Division
901 North 5th Street
Kansas City, Kansas 66101**

October 12, 2004

Prepared By:

**Tetra Tech EM Inc.
8030 Flint Street
Lenexa, Kansas 66214
913-894-2600**

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1.0 INTRODUCTION

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to provide assistance with oversight documentation and restoration activities following the completion of removal activities at the Chemical Commodities Incorporated (CCI) site, located at 300-320 S. Blake Street in Olathe, Kansas. The project was assigned under START Contract No. 68-S7-01-41, Task Order No. 0141.

The post-removal activities included irrigation of seeded areas to promote the growth of planted grasses, clearing of brush from the site, and coordinating repairs to the perimeter fence. The Tetra Tech START project manager for these activities was Nicholas Godfrey from team subcontractor TN and Associates, Inc. (TN&A), who conducted oversight and restoration activities from October 13, 2003, to August 31, 2004. Assistance was also provided by Tetra Tech START personnel Emily Fentress and Clark Rein. Paul E. Doherty served as the EPA task monitor for the project.

2.0 RESTORATION AND MAINTENANCE ACTIVITIES

Restoration and oversight documentation activities were conducted from October 13, 2003, to August 31, 2004, following the completion of removal activities that involved the demolition of a former warehouse building and excavation of contaminated soils. During this period, periodic irrigation of seeded areas was performed, and general inspections of the site were conducted. A photographic log of the field activities is included in Appendix A, and copies of the START field logs are provided in Appendix B.

On October 31, 2003, and March 19, 2004, START removed tree limbs and brush from the perimeter fence surrounding the site. Tree branches were also removed from outside the perimeter fence at the request of the City of Olathe Fire Marshall, to allow property owners west of the site unobstructed access to their driveways.

On April 30 and 31, 2004, START subcontracted a local firm to complete repairs on the perimeter fence. The Fence Repair Company of Overland Park, Kansas, replaced three top rail post caps and two fence railings on the western and southwestern portions of the fence on May 4, 2004 (see Appendix A). A final site visit was conducted by START on August 31, 2004, to assess overall site conditions. START

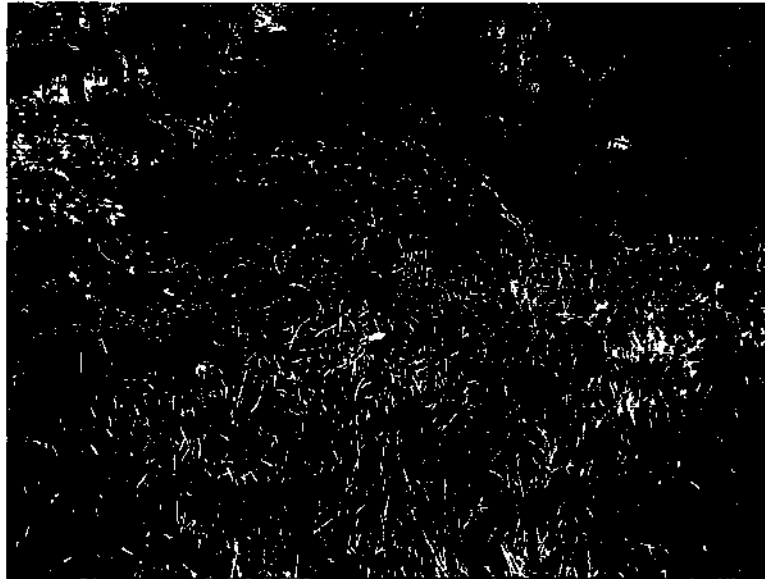
personnel noted that the fence was secure and visibly intact. In addition, grass was observed to be growing in the aforementioned seeded areas.

3.0 SUMMARY

From October 13, 2003, to August 31, 2004, Tetra Tech START conducted restoration and documentation activities at the Chemical Commodities Incorporated site located in Olathe, Kansas, following the completion of removal activities. During that time, periodic irrigation of seeded areas and general site inspections were conducted. In addition, tree limbs and brush were removed from the perimeter fence and nearby areas. Tetra Tech START also subcontracted with a local fence repair company to complete minor repairs and ensure adequate security of the site.

APPENDIX A
PHOTOGRAPHIC LOG
(6 Pages)

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Northwest	DESCRIPTION	This picture shows tree limbs cut along the northwestern fence line of the site.	1
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	3/19/04



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Southwest	DESCRIPTION	This picture shows tree limbs and brush that were removed from the southwestern fence line at the request of the City of Olathe Fire Marshal, to address complaints by neighbors surrounding the site.	2
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	3/19/04

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: South	DESCRIPTION	This picture shows brush removed near the perimeter fence and staged for disposal.	3
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	3/19/04



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: North	DESCRIPTION	This picture shows an area where START removed tree branches along the western perimeter of the site.	4
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	3/19/04

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Southwest	DESCRIPTION	This picture shows damaged fencing at the southwest perimeter of the site.	5
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	4/29/04



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: South	DESCRIPTION	This picture shows damaged fence rails at the southern perimeter of the site.	6
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	4/29/04

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Southwest	DESCRIPTION	This picture shows a contractor repairing the perimeter fence at the southwestern perimeter of the site.	7
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	5/4/04

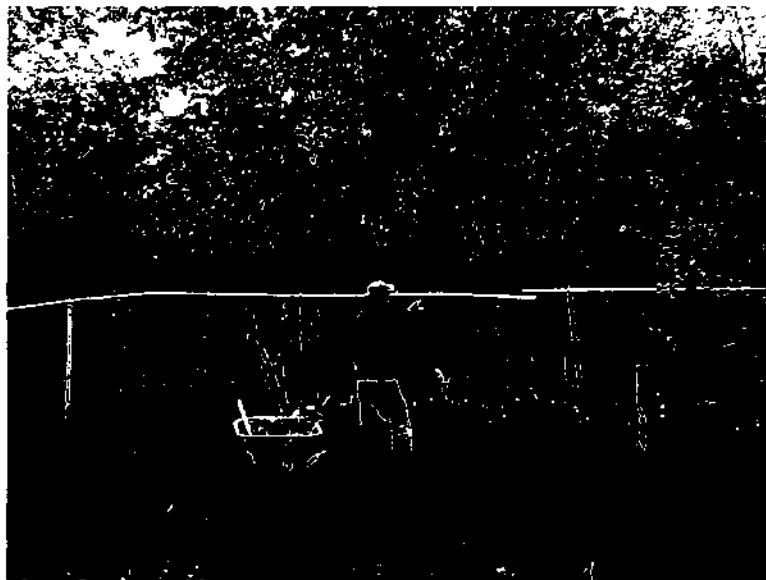


TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: West	DESCRIPTION	This picture shows one of several post caps installed along the perimeter fence.	8
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	5/4/04

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: South	DESCRIPTION	This picture shows new fence rails installed on the southern perimeter of the site.	9
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	5/4/04



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Southeast	DESCRIPTION	This picture shows a fence repair contractor attaching top railings near the southeast perimeter of the site.	10
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	5/4/04

**Chemical Commodities Incorporated
Olathe, Kansas**



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: Southeast	DESCRIPTION	This picture shows a repaired top rail at the southeastern perimeter of the site.	11
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	5/4/04



TETRA TECH PROJECT NO. G9011.03.0141.00 Direction: South	DESCRIPTION	This picture shows the revegetated area at the site.	12
	CLIENT	U.S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Nicholas Godfrey	4/30/04

APPENDIX B
FIELD LOGBOOKS
(27 Pages)

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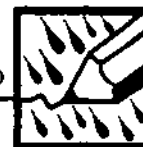


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Inc.

(CCI)

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CONTENTS

[illegible]

6/27/03 CCI 69011 E 03.01.00
1200 START member arrives on-site
to assess site conditions at CCI.
1215 START member Rachel Treaner notes
OSC Bokerly on-site and returns
to Tekon Tech, Lewes, DE.

6-27-03

[Signature]

3
7/01/03 CCI 69011/03.01.00
1500 START member Goffey of TN+Assail
(TN+A) arrives on-site to perform
oversite and restoration/vegetation activities.
1507 Goffey ^{notes} ground is moist from previous
days rain and departs the site
after completing a perimeter check
ensuring the security of the site.

7/1/03
[Signature]

- 7/2/03 CCI 69011/03.0141.00
- 1242 START member Godfrey arrives on site to perform vegetation activities at 300 320 S. 8th St. Olathe, Kansas.
- 1255 Godfrey notes patches of unseeded areas to the South of the concrete pad along the western perimeter area of reseeding and restoration activities performed by ER ERS contractor.
- 1319 START changes sprinkler positions.
- 1422 START changes sprinkler positions and notes due to temperature and high sun exposure many areas would need to be reseeded with water from the sprinkler systems. ~~AB~~
- 1515 START member Godfrey speaks with Doherty about seeding the lawn area on 7/3/03. DSS Doherty also said he would take the watering shift over the 7/4/03 Holiday and 7/5/03 and 7/6/03.
- 1545 Godfrey rotates sprinkler positions.
- 1623 Godfrey contacts Price about seed supplies for the site.
- Joshua Price is a START trainee for Reinf.
- 1700 START member departs site for day.
- ~~69011/03.0141.00~~

- 7/3/03 CCI 69011/03.0141.00
- 1244 START member Godfrey arrives on site and notes dry soil in irrigation areas. Godfrey connects water system to the hydrant located North of the property. ~~AB~~
- 1258 Godfrey moves sprinkler positions.
- 1312 START alternates water system.
- 1324 Nicholas Godfrey moves positions of water sprinklers on site.
- 1400 Godfrey moves positions of water sprinklers.
- 1430 Godfrey notes many areas of dry and soil.
- 1521 START member Nicholas Godfrey rotates the sprinkler system.
- Godfrey departs site for the day.

~~Nicholas Godfrey~~

~~7/3/03~~

6 Hot, Humid, Sunny CCI 91°F
7/7/03 Monday

1200 START team member Rachel Treanor arrives on site to perform vegetation restoration activities at 300-320 South Blake, Olathe, KS

1215 START member Treanor visually assess site and begins to assemble watering mechanisms

1220 Water began to flow to sprinklers on the far South / west corner of the CCI site. Treanor did not move watering system on the first position - START started watering where we ended last event.

Very dry conditions on site

1330 START Treanor moved sprinkler positions continue to water South west side of one sprinkler South of concrete slab.

1420 START L. Treanor walks Site looking for driest areas

7

1430 START R. Treanor moves sprinkler position.

1435 R. Treanor tried to increase water pressure at hydrant.

1520 R. Treanor moves sprinkler positions continues to water driest areas. Areas on the far East and West seem driest.

1600 START R. Treanor moves sprinkler positions

1600 Wind picks up noticeably

1620 START R. Treanor moves sprinkler positions

1645 START R. Treanor moves sprinkler positions

1700 START R. Treanor begins to disassemble watering system

1705 Hydrant is turned off

1706 Site is walked in its entirety by START R. Treanor

1710 START R. T. Reanon
secures mobile
command post
and leaves the site

1710 - front gate locked &
closed.

RR 7/7/03

CONTENTS		
PAGE	REFERENCE	DATE
	Page Skipped Intentionally PM - Adela Goff START TEAM 7/8/03	

2
7/8/03 CCT 6/9/03 0141:00
1315 START member Nicholas Godfrey arrives on site to perform restoration and vegetation activities. Godfrey notes soil is dry and decides to purchase sprinkler system.
1324 START member Emily Fentress arrives on site to train for next weeks restoration activities.
1414 START moves sprinkler positions several times and departs for Ace Hardware to purchase sprinklers.
1433 START returns to site and moves sprinkler systems.
1443 Godfrey departs site after showing Fentress the hydrant system.
1545 Fentress moves sprinkler positions.
1615 Fentress moves sprinkler positions.
1635 Fentress moves sprinkler positions.
1655 Fentress shuts water off, brings in hoses, and puts sprinklers away.
1710 Fentress puts chairs away and leaves locking fence and post caps. 7/8/03

296° North, Windy 3
7/9/03 CCT 6/9/03 0141:00
1400 START member Emily Fentress arrives on site to perform restoration of vegetation. Fentress drags out hoses, places sprinklers, and turns on fire hydrant.
1425 Fentress checks soil around sprinklers, still hard. Fentress decides not to move sprinklers for ten more minutes.
1500 Fentress decides to move sprinklers every 30 minutes.
1505 Fentress moves sprinkler position.
1535 Fentress moves sprinkler position.
1605 Fentress moves sprinkler position.
1635 Fentress moves sprinkler position and walks around site. The ground is visibly dry. Nicholas Godfrey calls START.

4
7/9/03

phone to check on site
and make arrangements
for Fentress to water
the morning of 7/10/03

1705 Fentress moves sprinkler
position

1735 Fentress moves sprinkler
position

1805 Fentress moves sprinkler
position to drier areas
for additional water

1823 The wind is picking up
and the sky is turning
gray. Fentress decides
to stop watering.
Fentress shuts off the
fire hydrant and
hauls the hoses
inside the gate.

1834 Fentress locks command
post

1939 Fentress leaves locking the
gate

Emily Fentress

7/10/03
1338

1353

1357

not hot humid
ECT 69011 03.0741 10
START number Emily Fentress
arrives on site to check
for erosion after last
night's rain storm
No signs of erosion.
The top layer is already
dry and cracking
Fentress locks gate
and leaves

Emily Fentress
7/10/03

7/9/03

phone to check on site
and make arrangements
for Fentress to water
the morning of 7/10/03

1705 Fentress moves sprinkler
position

1735 Fentress moves sprinkler
position

1805 Fentress moves sprinkler
position to driest areas
for additional water

1823 The wind is picking up
and the sky is turning
gray. Fentress decides
to stop watering.

Fentress shuts off the
fire hydrant and
hauls the hoses
inside the gate.

1834 Fentress locks command
post

1839 Fentress leaves locking the
gate

Emily Fentress 6/9/03

~89 not humid

7/10/03

1338

START number Emily Fentress
arrives on site to check
for erosion after last
night's rain storm.

1353

No signs of erosion
The top layer is already
dry and cracking

1357

Fentress locks gate
and leaves

Emily Fentress
7/10/03

7/14/03

~ 78°F humid

CCI

705 START member Emily Fentress

arrives on site to perform

vegetation restoration

Fentress connects hose

and turns hydrant on

Two new sprinklers have replaced the original four

The new sprinklers move back and forth rather than in a circle

745 Fentress moves sprinkler positions

805 Fentress moves sprinkler positions

825 Fentress moves sprinkler positions

845 Fentress moves sprinkler positions

905 Fentress moves sprinkler positions

925 Fentress moves sprinkler positions

940 Fentress moves sprinkler positions

955 Fentress moves sprinkler positions

1010 Fentress moves sprinkler positions

1025 Fentress moves sprinkler positions

1040 Fentress moves sprinkler positions

1055 Fentress moves sprinkler positions

1110 Fentress moves sprinkler positions

1125 Fentress moves sprinkler positions

1140 Fentress moves sprinkler positions

SUMMIT 2000

1155 Fentress moves sprinkler

positions and walks

around site

1210 Fentress turns off

hydrant, drags in

hoses, and locks

command post

1215 Fentress locks gates

and leaves

Emily Fentress

7/14/03

7/15/03

CC1

655 START member Emily Fentress
ARRIVES on site to perform
Vegetation restoration. Fentress
connects hose and turns
hydrant on

725 Fentress moves sprinkler
positions

740 Fentress moves sprinkler positions

755 Fentress moves sprinkler positions

810 Fentress moves sprinkler positions

825 Fentress moves sprinkler positions

845 Fentress moves sprinkler positions

900 Fentress moves sprinkler positions

915 Fentress moves sprinkler positions

930 Fentress moves sprinkler positions

945 Fentress moves sprinkler positions

1000 Fentress moves sprinkler positions

1015 Fentress moves sprinkler positions

Marina + GRAS from Haley and

Aldridge Stopped by to take

pictures

1030 Fentress moves sprinkler positions

Guan Do and Jeff Pritchard

Come to remove tanks

Swamp pumps, and trash

1045 Fentress moves sprinkler positions

1100 Fentress moves sprinkler
positions. The temperature
has increased into the
90s and a light breeze
has picked up

1115 Fentress moves sprinklers

1130 Fentress moves sprinkler
positions

1145 Fentress turns off hydrant

unhooks hose and brings

hose in side gate

1154 Fentress locks command post

locks the gate and leaves

Emily Fentress
7/15/03

7/16/03

CCI

757 START member Emily Fentress arrives on site to perform vegetation restoration. Fentress connects the hose to the hydrant and turns the hydrant on.

725 Fentress moves the Sprinkler positions

740 Fentress moves the sprinkler positions

755 Fentress moves the sprinkler positions

810 Fentress moves the sprinkler positions

825 Fentress moves the sprinkler positions

840 Fentress moves the sprinkler positions

855 Fentress moves the sprinkler positions

910 Fentress moves the sprinkler positions

925 Fentress moves the sprinkler positions

940 Fentress moves the sprinkler positions

955 Fentress moves the sprinkler positions

A man came to mow the mature grass on the edge of the site

1010 Fentress moves the sprinkler positions

1025 Fentress moves the sprinkler positions

1046 Fentress moves the sprinkler positions. The lawn mower leaves.

1055 Fentress moves the sprinkler positions and walk around the site

1110 Fentress moves the sprinkler positions

1125 Fentress moves the sprinkler positions

1140 Fentress moves the sprinkler positions

1155 Fentress turns off the hydrant and brings the hose within the fence

1203 Fentress lock command post and gate and leaves

Emily Fentress

7/16/03

7/17/03

- 6:47 START member Emily Fentress arrives on site to perform vegetation restoration
- 7:15 Fentress moves sprinkler position
- 7:30 Fentress moves sprinkler positions
- 7:45 Fentress moves sprinkler positions
- 8:00 Fentress moves sprinkler positions
- 8:15 Fentress moves sprinkler positions
- 8:30 Fentress moves sprinkler positions
- 8:45 Fentress moves sprinkler positions
- 9:00 Fentress moves sprinkler positions
- 9:15 Fentress moves sprinkler positions
- 9:30 Fentress moves sprinkler positions
- 9:45 Fentress moves sprinkler positions
- 10:00 Fentress moves sprinkler positions
- 10:15 Fentress moves sprinkler positions
- 10:30 Fentress moves sprinkler positions
- 10:45 Fentress moves sprinkler positions
- 11:00 Fentress moves sprinkler positions
- 11:15 Fentress moves sprinkler positions
- 11:35 Fentress moves sprinkler positions
- 11:55 Fentress moves sprinkler positions
Turns off the water and drags the hose inside the gate

12:08

Fentress locks command post and gate and leaves

Emily Fentress
9/17/13

7/18/03

CCI

644 START member Fentress arrives on scene to perform vegetation restoration. Fentress drags new three inch hose out to hydrant with new three in connection. Fentress add another "Y" connection to $5/8$ " garden hose to make 4 total garden hoses with 4 sprinklers. Fentress turns the hydrant on.

710 Fentress positions the 4 sprinklers noticing the greatly improved water pressure.

735 Fentress moves sprinkler positions.

740 Jeff Pritchard arrives on site to change the split connecting the 3" hose to the $5/8$ " hose. The water is shut off for 20 minutes.

820 Fentress moves sprinkler positions.
850 Fentress moves sprinkler positions.

920 Fentress moves sprinkler positions.

935 Jeff Pritchard and Quan Do arrive at site. Do turns water off. Pritchard and Do add "T" connection four hoses and two more sprinklers.

1005 Water turned back on. New sprinklers positions among original four sprinklers.

1015 Fentress moves sprinklers.

1045 Fentress moves sprinklers.

1115 Fentress turns off hydrant, rolls 2 three inch hoses and stores them in the command post with the meter. Fentress drags the garden hose inside the fence.

1132 Fentress locks command post and gab and leaves
photos Emily Julian

7/21/03

82°F Humid

CCI

649 START member Emily Fentress arrives on site to perform vegetation restoration. Fentress connects hoses and meter

708 Fentress positions sprinklers and turns on water

738 Fentress moves sprinkler positions

808 Fentress moves sprinkler positions

~~838~~ Fentress moves sprinkler positions

908 Fentress moves sprinkler positions
Nicholas Godfrey arrives on site

~~941~~ Fentress and Godfrey roll up hoses, shut off hydrant, and remove meter

959 Fentress and Godfrey lock command post and gate and leave

Emily Fentress

7/23/03

CCI

~~1454~~ START member Fentress arrives

on site to perform vegetation restoration. Fentress connects meter and hoses to hydrant

1510 Fentress positions sprinklers and turns hydrant on.

1540 Fentress moves sprinkler positions and walks around the entire site.

1610 Fentress moves sprinkler positions.

1640 Fentress moves sprinkler positions

1710 Fentress moves sprinkler positions

1730 Fentress turns hydrant off, and brings hoses and meter in.

1741 Fentress locks command post and gate and leaves

Emily Fentress
7/23/03

5/4/23

CCT

- 1000 START member Godfrey arrives on-site and attaches hoses for irrigation/vegetation purposes.
- 1023 Godfrey moves sprinkler positions and walks site perimeter.
- 1100 Godfrey moves sprinkler positions.
- 1125 START member Nicholas Godfrey of TN&A associates (TN&A) moves sprinkler positions to the west side of property.
- 1145 START member Godfrey moves sprinklers for the final irrigation cycle.
- 1200 Godfrey turns hydrant off and rolls up hoses on-site.
- 1214 Godfrey returns hoses and meter to Command Post vehicle and departs site.

✓ Godfrey
Godfrey

8/08/03

CCT

- 0900 Godfrey arrives on-site and begins to prepare placement of hoses for irrigation purposes.
- 0920 Sprinklers and hoses are in position. START member Godfrey turns on hose system and sets up laptop to prepare site-related analytical results.
- 0937 START member Godfrey moves sprinkler positions to the center portion of the site.
- 1010 Godfrey moves sprinkler positions.
- 1024 Godfrey moves position of water flow on "rainfall" sprinklers.
- 1037 START member receives call from OSC Bureau for other SUPERFUND related site work. Godfrey moves positions and drives to local gas station to use the pump.
- 1100 Godfrey returns and moves sprinklers; one more cycle is anticipated.
- 1120 Godfrey moves last irrigation cycle. Starts turns off hydrant, rolls hoses and closes down the Command Post.

8/9/03

CCI

- 0900 START member Godfrey arrives on-site at 0900 to perform Irrigation/rectification activities.
- 0940 Godfrey attaches hoses and hydrant flow system to the hydrant and turns on water cycle.
- 1021 Godfrey moves sprinkler positions.
- 1032 Godfrey departs site for refreshment drinks.
- 1100 Godfrey returns to site and moves sprinkler positions on-site.
- 1125 START member Godfrey moves sprinkler positions to the west side of the property.
- 1150 Godfrey moves sprinkler positions for the final time.
- 1215 Godfrey shuts off hydrant, rolls up hoses and closes and locks Region 7 EPA Control Post.
- 1233 Godfrey departs CCI Property.

8/12/03

CCI

0945

Godfrey wakes up on the morning of the 12th and notes rain had fallen overnight and opts not to perform irrigation activities on-site at the chemical manufacturing facility.

8-12-03

Nicholas Godfrey

8/15/03

CCT

- 0845 START member Nicholas Godfrey arrives on-site to perform site vegetation activities. *AB*
- 0910 Godfrey completes set-up of irrigation hoses and connects hydrant nozzles. *AB*
- 0915 Godfrey leaves site to obtain water for stress relief.
- 0930 Godfrey returns and moves sprinkler positions.
- 0955 Godfrey moves sprinkler position.
- 1021 STM Godfrey moves sprinkler positions to cover areas of growing dead grass. Godfrey decides to allow sprinklers to run for extra time.
- 1048 Godfrey moves sprinkler positions to East side of property at CCT site.
- 1123 Godfrey moves sprinkler positions for the final time.
- 1145 Godfrey turns off water and rolls up hoses. *AB*
- 1200 Godfrey departs site for home.

25/4000 feet
meter 4.5 *AB* 8-15-03

8/18/03

CCT

- 0840 START member Godfrey arrives on-site at the CCT Facility.
- Set-up irrigation hoses and connects water meter to hydrant.
- 0915 Godfrey moves sprinkler positions suspected temperatures for today are 104°-107° Fahrenheit.
- 0937 Sprinklers moved by Godfrey.
- 1005 STM Godfrey alters sprinkler positions to the South portion of the property located at 320 S. Dale.
- 1021 Godfrey moves sprinkler position.
- 1048 Sprinkler positions moved again by Godfrey.
- 1115 Irrigation positions were moved by Godfrey.
- 1146 START member Godfrey moves sprinkler positions to East side of the site property. *AB*
- 1200 Godfrey moves sprinkler positions for the final time. *AB*
- 1210 Godfrey shifts off water, rolls up hoses and removes hydrant meter. *AB*
- 1240 Godfrey departs site for home.

Nicholas *AB* 8-18-03

8/22/03

CCT

- 09:30 Start member Godfrey arrives on site.
 09:45 Godfrey sets up sprinklers and meter to hydrant. Sprinkler positions start.
 10:15 START member Godfrey alters sprinkler positions and walks the perimeter.
 10:36 Sprinkler positions altered by Godfrey to take northern portion of the site.
 10:55 START member Godfrey alters irrigation system and reports site for stress disks.
 11:04 Godfrey returns and alters sprinkler positions.
 11:21 Sprinklers aligned in position.
 11:39 Sprinkler positions are moved again. Godfrey accesses the perimeter cables.
 12:15 Sprinkler positions moved again for what is assumed as the final time at period. Sprinklers moved to west.
 12:45 Godfrey uses the monkey wrench to turn off hydrant. Hoses were rolled. START member Godfrey departs the site for the day.

Mike Galt

8/22/03

9/15/03

CCT

- 10:35 START member Godfrey and Quando leave Tetra Tech EART to go to CCT.
 10:50 START members arrive at CCT to jump the engine and return the running for its original position.
 11:30 START continues to wait for chases to the Command Post location - 11:45 Do and Godfrey successfully start command post engine and return vehicle to the Tetra Tech START office in Geneva, KS.

9/15/03

Mike Galt

10/23/03

CCI

69011/030141

1030 START member Godfrey arrives on site to assess structural integrity of the fence line and assess CCI property.
 1055 Godfrey departs site. Fence line intact. Godfrey notes large tire treading grooves in soil, presumably left by contractors who installed water well for the Boeing Corporation. Tread areas have caused grass to be barren in several seeded areas.

10/23/03

Noted

10/30/03

CCI

69011/030141

1050 Godfrey arrives on site to assess property conditions. Site visit was warranted by a phone call and memo sent to the PM from Kent Harris, Fire Marshall of Olathe. The memo discussed fence integrity issues and the overgrowth of shrubs/trees. Godfrey, after speaking with Mr. Harris, departed the site.
 1104 Fencing in the southwest corner had become disjointed and has fallen off of the postings. A pine tree on the southern fence line has split and broken into several pieces. Another tree on the eastern border of the property has also compromised the structural integrity of the fence. In total, two trees need removal and disposal and fence repair in at least two areas. Approximately 20-55 gallon drums were noted on site as well as a "makeshift" (temporary well?). Piping, valves and well bailers were also found in the corner (Northeast) of the ^{main} gravel entrance.
 1148 Godfrey departs site, returns to TREAT, Co.

10/30/03 CCT 0901/0301/

- 1200 Godfrey arrives at the site and contacts EPA OSC Paul E. Doherty. Doherty requests Godfrey to meet him at the site to conduct monitoring activities. ~~NY~~
- 1300 Godfrey arrives on site and meets with OSC Doherty. Doherty suggests tree limbs be cut and removed. Directs Godfrey to meet on site on 10/31/03 to remove fence and stumps debris.

10/30/03

Vicki Smith

10/31/03 CCT 0901/0301/

- 0900 Godfrey, Nicholas of TWA Associates START to rent chainsaw and weed wacker for the CCT site.
- 0930 Return from Home Depot rentals and call OSC Doherty. Godfrey and Doherty to meet at the site at 1000.
- 1000 Arrive on site, Godfrey and Doherty begin debris free breakdown on eastern fence line of site. ~~NY~~
- 1057 Complete eastern fence line breakdown trees stacked along fence line for interround. OSC Doherty and Godfrey to southern fence line begin tree breakdown.
- 1345 Complete tree stacking, Godfrey locks site and OSC and START depart end of day. Godfrey to return chainsaw to home depot in Shawnee KS. ~~NY~~

10/31/03

Vicki Smith

10/26/03

SAND
CONTINUED

7. Carlson Center

CASH

10/26/03

550

Page #2



"Rite in the Rain"

ALL-WEATHER

**Environmental
FIELD BOOK**

No. 550

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149 Sampling guidelines (Solids)
150 Approximate Volume of Water in Casing or Hole, Ground Water Monitoring Well
151 PVC Pipe casing tables
152 Soil Classification
153 Soil Classification
154 Conversions (Length, Weight, Volume, Temp, etc...)
155 Conversions (Concentrations, Volume/Flow or Time, Velocity, Acceleration)
156 Maximum Concentration of Contaminants for the Toxicity Characteristic

Location _____ Date _____

Project / Client _____

3/19/04 CCI 6901163014100

- 0921 START PM Godfrey to Chemical Commodities Incorporated (CCI) Clark Rein of Tetra Tech START also to accompany G. L. Fey. START duties include clearing of debris and fallen tree matter from easements and surrounding the property fence.
- 0938 Arrive at CCI, digital photographs taken clearing of debris initiated by START on the western boundary.
- 1049 START finishes clearing debris from western easements, moves to inner western boundary. Free line. AB
- 1145 Depart site for lunch (START Training) Scheduled to return at approximately 1330 hours. ~~AB~~
- 1330 START member Ron and Godfrey return to site, begin clearing cutting debris on ^{North} western side of fence line.
- 1630 START completes breakdown of equipment. Tree materials stacked on perimeter of fence line. Godfrey to call Kent Harris of the On the Ground Department, PRP, groundskeeper to remove debris from site.
- ~~AB~~

Location _____ Date _____

Project / Client _____

4/29/04 CCI

- 1310 START member Nicholas Godfrey arrives on-site at CCI, photo documentation performed. The day's objective include but are not limited to oversight and contracting of fence repair on western portion of the site. ~~AB~~
- 1335 Godfrey to call following perimeter surveillance, meeting with fence contracting company. Fence scheduled for 1330 hours. Godfrey to wait for 20 minutes, will depart site if contractors do not arrive as planned. ~~AB~~
- 1400 Depart site return to Tetra Tech Leveaux.
- 1425 Arrive at Tetra Tech Leveaux, call contractors.
- 1500 Scheduled appointments at 1000 on 4/30/04 and 1330 on 4/30/04. ~~AB~~

~~Nicholas Godfrey~~~~4-29-04~~

Location _____

Date

4/30/04

Project / Client _____

CCT

- 0930 Arrive at CCT, start PM briefing on-site to meet with contractor.
- 1020 Received bid from contractor Fence Repairs at \$200.00. Goodfrey to return to Tetra Tech, Lenexa.
- 1115 Arrive at Tetra Tech, Lenexa, to return to site at 1300 hours.
- 1310 Goodfrey arrives at 300-320 S. Blaikie meets with Fence Co. contractor Kate Perkins, company licensed bonded and insured, bid given at \$375.00 including debris breakdown and repair of top rail posts. *MB*
- 1410 Arrive at Tetra Tech, call EPA site manager Nobuko to inform him of contract issues concerning CCT site. *MB*

~~Autos in 6000~~

4-30-04

Location _____

Date _____

Project / Client _____

5/4/04

CCT

- 0820 Goodfrey arrives on-site to meet with Fence Repair Co. contractors. Repairs to be made on west and southwest portions of site.
- 0855 Fence Repair Co. arrives on-site, Goodfrey shows contractor repair areas, contractor begins repairs. Goodfrey monitors.
- 1110 Contractor completes work, Goodfrey receives invoice and returns to Tetra Tech.

~~Autos in 6000~~

5-4-04

8

Location _____ Date _____

Project / Client _____

~~End of Logbook~~~~8-31-04~~~~69011 E/L/03014106~~~~W. L. L. L.~~

9

Location _____ Date _____

Project / Client _____