

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 7

11201 Renner Boulevard Lenexa, Kansas 66219 CON 12-15 Doc #30657

OCT 1 6 2014

Mr. Cal Lundberg, Supervisor Contaminated Sites Section Iowa Department of Natural Resources 502 East 9<sup>th</sup> Street Des Moines, Iowa 50319

RE: American Ecosystems Site, Wellman Iowa

**CERCLIS ID: IAN000705795** 

Dear Mr. Lundberg:

The U.S. Environmental Protection Agency Region VII contracted with Tetra Tech to perform a Site Reconnaissance at the above-referenced Site for which a Trip Report was submitted to the EPA dated January 24, 2013. Based on the Trip Report, a Superfund Removal Site Evaluation was completed on November 20, 2013. The Superfund Removal Site Evaluation determined that there was not a release at this Site, and a removal was not warranted. Please find the two Reports for the American Ecosystems Site in Wellman, Iowa, enclosed with this letter.

If you have questions or concerns please feel free to contact me at (913) 551-7749.

Todd H. Davis

Sincerely,

Site Assessment Manager

Emergency Response & Removal North Branch

**Superfund Division** 

**Enclosures** 

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## SUPERFUND REMOVAL SITE EVALUATION

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## REMOVAL PRELIMINARY ASSESSMENT

= DU 00 L SITE NAME AND LOCATION: NAME: American Ecosystems ADDRÉSS OR OTHER LOCATION IDENTIFIER: South of 2nd street between 9th & 10th avenue CITY: STATE: ZIP: 52356 Wellman IA DIRECTIONS TO SITE: From Kansas City, take I-35 N to US-34 E to IA-14 N to IA-92 E to IA-149 N to Wellman. MAP ATTACHED: I . PROGRAM CONTACTS: REQUESTED DATE OF REQUEST: 2006 BY: AGENCY/OFFICE: Iowa Department of Natural Resources MAILING ADDRESS: 502 E 9th Street CITY: Des Moines STATE: IA ZIP: 50319 TELEPHONE: FAX: 515-281-8895 515-281-5918 SECONDARY/OTHER CONTACT: AGENCY/OFFICE: **MAILING ADDRESS:** CITY: STATE: ZIP: TELEP : FAX:

## III. REMOVAL SITE EVALUATION CRITERIA [40 CFR 300.410(e)]

IS THERE A RELEASE AS DEFINED BY THE NCP:

HONE:

YES \_\_ or NO X

| EXPLAIN:  | •                                       |
|---|---|
| No visual evidence of release is present at the site. Containers that prompted initial complaint have been remove   | d from property.                        |
| No visible evidence of release onto soils.  |   |
|   |   |
|   |   |
|   |   |
| (A RELEASE is defined as any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or environment (including the abandonment of barrels, containers, and other closed receptacles containing any hazardous substances or pollutary      | • • •                                   |
| excludes: workplace exposures; engine exhaust emissions; nuclear releases otherwise regulated; and the normal application of fertilizer. For  |   |
| release also means threat of release.)  |   |
| IS THE SOURCE A FACILITY OR VESSEL AS DEFINED BY THE NCP:   | YES or NO _X                            |
|   |   |
| EXPLAIN:  |   |
| There is no evidence of this site being a facility that stores hazardous substance(s).  |   |
|   | <del></del>                             |
| SUPERFUND REMOVAL SITE EVALUATION   | ·                                       |
| and   |   |
| REMOVAL PRELIMINARY ASSESSMENT  |   |
| III. REMOVAL SITE EVALUATION CRITERIA [40 CFR 800.410(e)](con   | tinued):                                |
| DOES THE RELEASE INVOLVE A HAZARDOUS SUBSTANCE, OR POLLUTANT  | • |
| YES or NO X OR CONTAMINANT AS DEFINED BY THE NCP:   |   |
|   | . *                                     |
| EXPLAIN:  |   |
| No release evident.   |   |
|   |   |
|   |   |
| IS THE RELEASE SUBJECT TO THE LIMITATIONS ON RESPONSE:  | VECNO                                   |
| IS THE RELEASE SUBJECT TO THE LIMITATIONS ON RESPONSE:  | YES or NO                               |
| EXPLAIN:  |   |
| N/A   |   |
|   |   |
|   | •                                       |
| (The LIMITATIONS ON RESPONSE provisions of the NCP (40 CFR 300.400(B) states that removals shall not be undertaken in response  | . ,                                     |
| naturally occurring substance in its unaltered or natural form; from products that are a part of the structure of, and result in exposure within, business or community structures; or into public or private drinking water supplies due to deterioration of the system through ordinary use.) | residential buildings or                |
|   | YES or NO _X                            |
| DOËS THE QUANTITY OR CONCENTRATION WARRANT RESPONSE:  |   |

| ·  |                                       |
|--|---------------------------------------|
| EXPLAIN:   |                                       |
| No release evident:  |                                       |
| •  |                                       |
|  |                                       |
| HAS A PRP BEEN IDENTIFIED:   | YES X or NO _                         |
|  | · · · · · · · · · · · · · · · · · · · |
| EXPLAIN:   |                                       |
| Property owner was contacted and denied access to property without probable cause for a warrant. |                                       |
| ,  |                                       |
|  |                                       |
|  | <del></del>                           |
| IV. CONDITIONS TO WARRANT REMOVAL [40 CFR 300.415(b)(2)]:  |                                       |
| ACTUAL OR POTENTIAL EXPOSURE TO HAZARDOUS SUBSTANCES,  | •                                     |
| YES or NO_X_ OR POLLUTANTS, OR CONTAMINANTS:   | •                                     |
| ,  |                                       |
| EXPLAIN:   |                                       |
| No evidence to support an actual or potential exposure to hazardous substances.                  |                                       |
|  |                                       |
|  | •                                     |
| ACTUAL OR ROTENTIAL CONTAMINATION OF PRINKING WATER CURRULES                                     | V50 NO V                              |
| ACTUAL OR POTENTIAL CONTAMINATION OF DRINKING WATER SUPPLIES:                                    | YES or NO _X                          |
| EXPLAIN:   |                                       |
| No evidence to support actual or potential contamination of drinking water supplies.             |                                       |
| <u>.</u>   |                                       |
|  |                                       |
| SUPERFUND REMOVAL SITE EVALUATION  |                                       |
| and  |                                       |
| REMOVAL PRELIMINARY ASSESSMENT   |                                       |
|  |                                       |
| IV. CONDITIONS TO WARRANT REMOVAL [40 CFR 300.415(b)(2)]   | (continued):                          |
| HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS IN DRUMS,                                      | YES or NO _X                          |
| BARRELS, OR BULK STORAGE CONTAINERS:   |                                       |
|  |                                       |
| EXPLAIN:   |                                       |
| No visible drums, barrels or bulk storage containers remain on property.                         |                                       |
|  |                                       |
|  |                                       |
| HIGH LEVELS OF HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS                                 | YES or NO _X                          |
| I HIGH ELVELO OF HAZARDOOD GODGIAROLO, FOLLOTARIO, ON CONTARIBATIO                               | ·                                     |

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| IN NEAR-SURFACE SOILS:  | • • • • • • • • • • • • • • • • • • • |
|---|---------------------------------------|
| EXPLAIN:  |                                       |
| Access was not granted to sample surface soils on property. No visible leaking or potentially leaking containers  | s on property.                        |
|   |                                       |
|   |                                       |
| CONDITIONS SUSCEPTIBLE TO IMPACT FROM ADVERSE WEATHER CONDITIONS:   | YES or NO _X                          |
|   |                                       |
| EXPLAIN:  |                                       |
| No structures on property appear overly susceptible to adverse weather conditions.  |                                       |
|   |                                       |
|   |                                       |
| THREAT OF FIRE OR EXPLOSION:  | YES or NO X                           |
|   | ï                                     |
| EXPLAIN:  | 1                                     |
| No abnormal threat of fire or explosion.  |                                       |
|   | ,                                     |
| <u> </u>  |                                       |
| POTENTIAL FOR OTHER FEDERAL OR STATE RESPONSE MECHANISMS:   | YES or NO _X                          |
|   |                                       |
| EXPLAIN:  |                                       |
| Nothing appears to warrant an environmental response at this time. Containers that prompted initial complaint   | have been removed                     |
| from property.  | ,                                     |
|   |                                       |
|   |                                       |
| OTHER SITUATIONS OR FACTORS WHICH POSE A THREAT:  | YES or NO _X                          |
|   |                                       |
| EXPLAIN:  | ٠                                     |
|   |                                       |
|   |                                       |
|   |                                       |
| V. POTENTIAL REMOVAL ACTIONS [40 CFR 300.415(d)]:  (NOTE: The following identifies potential removal actions which may be determined to be appropriate pending further review and study. The proposed as should be considered preliminary proposals and are subject to change.) | ctions                                |
|   | VEO.                                  |
| SITE SECURITY:  | YES or NO X                           |
|   |                                       |
| EXPLAIN:  |                                       |

# SUPERFUND REMOVAL SITE EVALUATION

| and REMOVAL PRELIMINARY ASSESSMENT                          |                |
|---|----------------|
| V. PROPOSED REMOVAL ACTIONS [40 CFR 300.415(d)](continued): |                |
| DRAINAGE CONTROL:   | YES or NO _X   |
| EXPLAIN:  | ·              |
|   |                |
|   |                |
| STABILIZATION OR REMOVAL OF SURFACE IMPOUNDMENTS:           | YES or NO X    |
| EXPLAIN:  |                |
|   |                |
|   |                |
| CAPPING OF CONTAMINATED SOIL:                               | YES or NO _X   |
| EXPLAIN:  | ;              |
|   |                |
|   |                |
| USE OF CHEMICALS TO CONTROL/RETARD SPREAD OF CONTAMINATION: | YES or NO _X . |
| EXPLAIN:  |                |
|   |                |
|   |                |
| CONTAMINATED SOIL EXCAVATION:                               | YES or NO X    |
| EXPLAIN:  |                |
|   | •              |

| REI             | MOVA   | AL OF DRUMS, TANKS, OR BULK STO  | RAG                            | E CONTAINERS:  |                                       | YES or NO _X  |
|-----------------|--|--|--------------------------------|--|---------------------------------------|---|
| EXF             | PLAIN  | l <b>:</b>   |                                |  |                                       |   |
|                 |  |  |                                |  |                                       |   |
|                 |  | :  |                                |  |                                       |   |
| СО              | NTAIN  | NMENT, TREATMENT, OR DISPOSAL O  | OF H                           | AZARDOUS SUBSTANCES,   |                                       | YES or NO _X  |
| РО              | LLUT   | ANTS, OR CONTAMINANTS:   |                                |  |                                       |   |
|                 |  |  |                                |  |                                       |   |
| EXI             | PLAIN  | l:   |                                |  |                                       | •   |
|                 |  |  |                                |  |                                       |   |
|                 |  |  |                                |  |                                       |   |
|                 |  |  |                                |  | · · · · · · · · · · · · · · · · · · · |   |
| SI              | UPI  | ERFUND REMOVAL S   | IT                             | E EVALUATION   |                                       |   |
| ar              |  |  |                                |  |                                       |   |
| K.              | OH Y   | <b>IOVAL PRELIMINAR</b> Y  | Y AL                           |  |                                       | •   |
|                 |  |  |                                |  | <del></del>                           |   |
|                 | . R  | EMOVAL SITE EVALUATI   |                                |  | ND                                    | REMOVAL   |
|                 | . RI   | EMOVAL SITE EVALUATI   | ION                            | N DETERMINATION A  |                                       | REMOVAL   |
| Pl              | . RI   | EMOVAL SITE EVALUAT<br>IMINARY<br>SESSMENT FINDINGS A  | ION                            | N DETERMINATION A RECOMMENDATION   |                                       | REMOVAL   |
| P)              | REI<br>AS  | EMOVAL SITE EVALUATION IN THE PROPERTY IN THE PROPERTY OF T  | ION<br>ND                      | N DETERMINATION A RECOMMENDATION SITE EVALUATION TERMINATED  | is:                                   |   |
| P)              | REI AS   | EMOVAL SITE EVALUATION III. REMOVE   | ION<br>ND                      | N DETERMINATION A RECOMMENDATION SITE EVALUATION TERMINATED  | is:                                   | above determination.)   |
| X (Cite         | REI<br>AS  | EMOVAL SITE EVALUATION IN THE PROPERTY IN THE PROPERTY OF T  | ION<br>ND                      | N DETERMINATION A RECOMMENDATION SITE EVALUATION TERMINATED  | is:                                   |   |
| X (Cite         | REI AS   | EMOVAL SITE EVALUATION III. REMOVE   | ION<br>ND                      | N DETERMINATION A RECOMMENDATION  THE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis in  | is:                                   | above determination.)   |
| X (Cital        | REI AS   | EMOVAL SITE EVALUATION OF THE PROPERTY OF THE CHILD OF TH | ION<br>ND<br>VAL S             | N DETERMINATION A RECOMMENDATION  THE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis in  | is:                                   | above determination.)  NOT A FACILITY OR VESSEL   |
| X (Cite         | REI AS   | EMOVAL SITE EVALUATION IN THE EXAMPLE EVALUATION IN THE EXAMPLE OF THE CONTRACT OF THE CONTRACT OF THE EXAMPLE OF THE CONTRACT OF THE EXAMPLE | ION<br>ND<br>VAL SI            | N DETERMINATION A RECOMMENDATION  THE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis in  | is:                                   | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  |
| X (Cite         | REI AS   | EMOVAL SITE EVALUATION IN THE EXAMPLE EVALUATION IN THE EXAMPLE OF THE CONTRACT OF THE CONTRACT OF THE EXAMPLE OF THE CONTRACT OF THE EXAMPLE | ION<br>ND                      | N DETERMINATION A RECOMMENDATION  ITE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis is  OR CONTAMINANT                                  | for the                               | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  WILLING/CAPABLE PRP IDENTIFIED  |
| X (Cite         | REI AS   | EMOVAL SITE EVALUATION ARY SESSMENT FINDINGS A EMOVAL NOT WARRANTED - REMOVE OF MORE OF the criteria from SECTION III. REMOVE NOT A RELEASE NOT A HAZARDOUS SUBSTANCE OR POLLU INSUFFICIENT QUANTITY OR CONCENTRATION.   | ION<br>ND                      | N DETERMINATION A RECOMMENDATION  ITE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis is  OR CONTAMINANT                                  | for the                               | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  WILLING/CAPABLE PRP IDENTIFIED  |
| X (Cit)         | REI AS RE  One of X  X  MMEI  CRI  CONTROL ONE ONE OF THE ONE OF T | EMOVAL SITE EVALUATION IN THE ENDINGS A SESSMENT FINDINGS A MOVAL NOT WARRANTED - REMOVED IN THE CONTRACT OF T | ION ND YAL SE TTANT ON EMI     | N DETERMINATION A RECOMMENDATION  ITE EVALUATION TERMINATED  THE EVALUATION CRITERIA, as the basis if  OR CONTAMINANT  ERGENCY TIME-CR                 | for the                               | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  WILLING/CAPABLE PRP IDENTIFIED  AL NON-TIME-  |
| X (Cit)         | REI AS RE  One of X  X  MMEI  CRI  CONTROL ONE ONE OF THE ONE OF T | EMOVAL SITE EVALUATION IN INDINGS A SESSMENT FINDINGS A MOVAL NOT WARRANTED - REMOVED IN ITEM OF THE CONTRACT  | ION  AL S  AL S  TANT  ON  EMI | N DETERMINATION A PRECOMMENDATION THE EVALUATION TERMINATED THE EVALUATION CRITERIA, as the basis if OR CONTAMINANT  ERGENCY TIME-CRITERIAL AREMOVAL A | for the                               | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  WILLING/CAPABLE PRP IDENTIFIED  AL NON-TIME-  |
| CO (Cite action | REI AS RE  One of X  X  MMEI  CRI  CONTROL ONE ONE OF THE ONE OF T | EMOVAL SITE EVALUATION ARY SESSMENT FINDINGS A EMOVAL NOT WARRANTED - REMOVE OF MORE OF the criteria from SECTION III. REMOVE NOT A RELEASE NOT A HAZARDOUS SUBSTANCE OR POLLU INSUFFICIENT QUANTITY OR CONCENTRATION NT: EMOVAL RECOMMENDED  [  | ION  AL S  AL S  TANT  ON  EMI | N DETERMINATION A PRECOMMENDATION THE EVALUATION TERMINATED THE EVALUATION CRITERIA, as the basis if OR CONTAMINANT  ERGENCY TIME-CRITERIAL AREMOVAL A | for the                               | above determination.)  NOT A FACILITY OR VESSEL  SUBJECT TO RESPONSE LIMITATIONS  WILLING/CAPABLE PRP IDENTIFIED  AL NON-TIME-  I, as a basis for recommending that a removal |

(Identify one or more of the removal actions listed in Section V. REMOVAL ACTIONS WHICH MAY BE APPROPRIATE, as examples of the types of response actions which are recommended.)

| SITE SECURITY                   | DRAINAGE CONTROL  | IMPOUNDMENT STABILIZATION    |
|---------------------------------|-------------------|------------------------------|
| REMOVAL OF DRUMS, BARRELS, ETC. | SOIL CAPPING      | SOIL EXCAVATION              |
| CONTAIN/TREAT/DISPOSE OF WASTES | CHEMICAL CONTROLS | ALT. DRINKING WATER SUPPLIES |

#### COMMENT:

#### ADDITIONAL REMOVAL SITE EVALUATION RECOMMENDED

(Cite one or more of the conditions or factors from Section IV. CONDITIONS TO WARRANT A REMOVAL ACTION, as a basis for recommending that additional site evaluation be performed.)

|  | EXPOSURE TO HAZARDOUS SUBSTANCES OF | R POLLUTANTS OR CONTAMINANTS | ADVERSE WEATHER IMPACTS |
|--|-------------------------------------|------------------------------|-------------------------|
|  | CONTAMINATED DRINKING WATER         | FIRE/EXPLOSION THREAT        | CONTAMINATED SOIL       |
|  | DRUMS, BARRELS OR CONTAINERS        | NO OTHER RESPONSE MECHANISM  | OTHER FACTORS           |

(Identify one or more of the removal actions listed in Section V. REMOVAL ACTIONS WHICH MAY BE APPROPRIATE, as examples of the types of response actions which may be appropriate pending the results of further site evaluation.)

|  | SITE SECURITY                    | DRAINAGE CONTROL  | IMPOUNDMENT STABILIZATION           |
|--|----------------------------------|-------------------|-------------------------------------|
|  | REMOVAL OF DRUMS, BARRELS, TANKS | SOIL CAPPING      | SOIL EXCAVATION                     |
|  | CONTAIN/TREAT/DISPOSE OF WASTE   | CHEMICAL CONTROLS | ALTERNATIVE DRINKING WATER SUPPLIES |

# SUPERFUND REMOVAL SITE EVALUATION and REMOVAL PRELIMINARY ASSESSMENT

#### VII. ADDITIONAL INFORMATION OR COMMENTS

| VIII. CERTII                              | FICATION                               |                  |
|---|--|------------------|
| SIGNATURE: POSITION/TITLE: OFFICE/AGENCY: | Jason Heitman<br>OSC<br>SUPR/ERNB/PPNS | DATE: 11/20/2013 |
|   |  | •                |

## SUPERFUND REMOVAL SITE EVALUATION

and

## REMOVAL PRELIMINARY ASSESSMENT

(Supplemental Waste Inventory Sheet)

## IX. HAZARDOUS SUBSTANCES, POLLUTANTS OR CONTAMINANT INFORMATION:

| MATERIAL DESCRIPTION          | CONTAINER I                    | NFORMATI                                | ON                                    |                           |           |   |
|-------------------------------|--------------------------------|---|---------------------------------------|---------------------------|-----------|---|
| TRADE NAME/ACTIVE INGREDIENTS | NUMBER<br>of<br>CONTAINE<br>RS | SIZE                                    | ТҮРЕ                                  | solid<br>or<br>liqui<br>D | %<br>FULL | CONDITION                               |
|                               |                                |   |                                       |                           |           |   |
| ·                             |                                | ,                                       |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           | 11                                      |
|                               |                                | , |                                       |                           |           |   |
|                               | ·                              |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           | •                                       |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       | <u> </u>                  |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   | - •                                   | -                         |           | 7.77.1                                  |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       | ,                         |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                | -                                       | · · · · · · · · · · · · · · · · · · · |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
|                               |                                |   |                                       |                           |           |   |
| ·                             |                                |   |                                       |                           |           | , |



January 24, 2013

Mr. Roy Crossland START Project Officer U.S. Environmental Protection Agency - TLC 8600 NE Underground Drive, Pillar 253 Kansas City, Missouri 64161

Subject:

Trip Report

Site Reconnaissance, American Ecosystems Site, Wellman, Iowa

**CERCLIS ID: IAN000705795** 

U.S. EPA Region 7 START 3, Contract No. EP-S7-06-01, Task Order No. 0306

Task Monitor: Jason Heitman, EPA On-Scene Coordinator

Dear Mr. Crossland:

Tetra Tech, Inc. is submitting the enclosed Trip Report regarding a Site Reconnaissance at the American Ecosystems site in Wellman, Iowa. If you have any questions or comments regarding this submittal, please contact the project manager at (816) 412-1784.

Sincerely

Adam Watkins

START Project Manager

Ted Faile, PG, CHMM START Program Manager

Enclosures

40435780

#### TRIP REPORT

#### FOR SITE RECONNAISANCE ACTIVITIES AMERICAN ECOSYSTEMS SITE WELLMAN, IOWA CERCLIS ID: IAN000705795

Superfund Technical Assessment and Response Team (START) 3 Contract No. EP-S7-06-01, Task Order 0306

Prepared For:

U.S. Environmental Protection Agency Region 7 11201 Renner Boulevard Lenexa, Kansas 66219

January 24, 2013

Prepared By:

Tetra Tech, Inc. 415 Oak Street Kansas City, Missouri 64106 (816) 412-1741

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| SITE RECONNAISSANCE | 1            |
| REFERENCES          | 3            |
|                     | INTRODUCTION |

## APPENDICES

## **Appendix**

- A FIGURES
- B LOGBOOK
- C PHOTOGRAPHIC LOG

#### 1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division tasked Tetra Tech, Inc. (Tetra Tech), under Superfund Technical Assessment and Response Team (START) 3 Contract No. EP-S7-06-01, Task Order No. 306, to provide removal assessment support at the American Ecosystems (AE) site in Wellman, Washington County, Iowa. As part of removal assessment support, START performed a site reconnaissance at the AE site. START team member (STM) Adam Watkins was assigned to conduct the site reconnaissance and present the findings to EPA.

#### 2.0 BACKGROUND

The site is on a plot of land in southern Wellman, Iowa (see Appendix A, Figure 1). The AE site encompasses 5.2 acres and is used for residential and industrial purposes. It is bounded north by 2<sup>nd</sup> Street, east by 9<sup>th</sup> Avenue, south by Smith Creek, and west by 10<sup>th</sup> Avenue. The area surrounding the AE site consists of several City of Wellman service buildings, in addition to various private residential, commercial, and industrial properties.

The area of concern on the site is the large concrete pad southwest of the Alliant Energy Wellman Substation (see Appendix A, Figure 2). In 2003, the Iowa Department of Natural Resources (IDNR) received a complaint alleging AE had possibly stored hazardous solid waste improperly on the large concrete pad. A site visit by IDNR later that year confirmed the complaint, and a Notice of Violation was issued to the Chief Executive Officer and owner of American Ecosytems, Paul Laccoarce, for improper solid waste disposal. Mr. Laccoarce promptly denied any further access to the site (EPA 2003).

In 2006, a second complaint was received regarding dumping of solid waste on the property. Soon after, IDNR attempted to gain access to the property to perform an inspection, but access was denied. However, IDNR did observe a staging area upon the large concrete pad where activities typically associated with hazardous waste disposal apparently were occurring (IDNR 206). Since then, the AE property has been split, and ownership has changed. No environmental investigations or additional inspections have occurred at the AE site.

#### 3.0 SITE RECONNAISSANCE

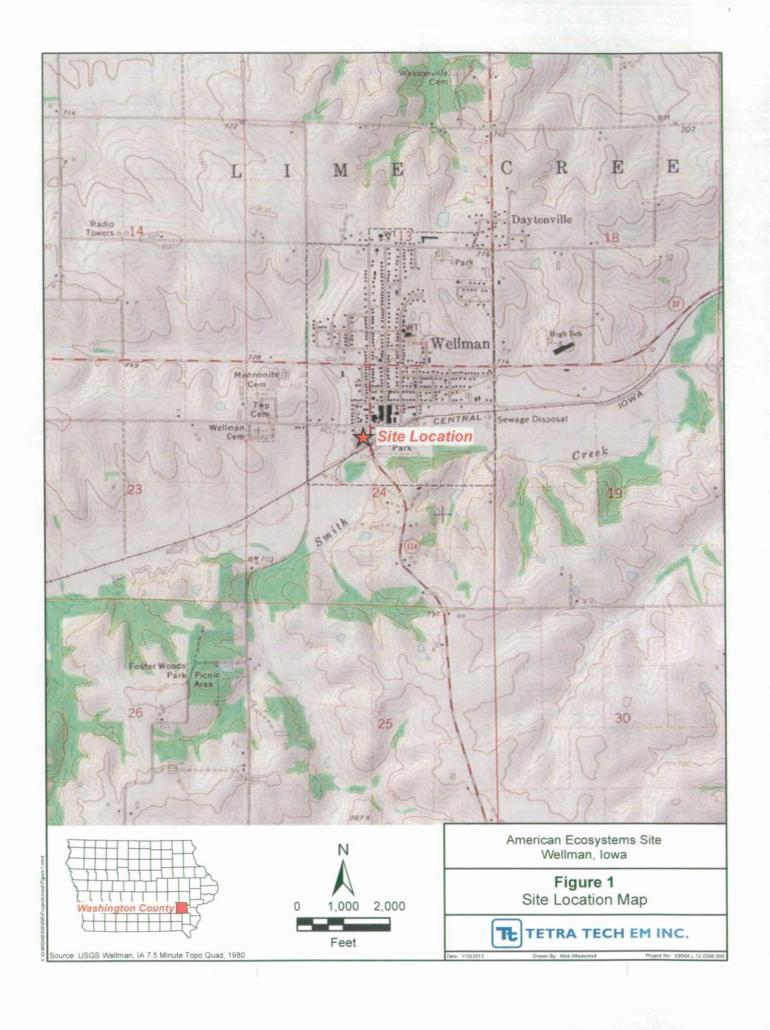
STM Adam Watkins visited the AE site on November 27, 2012. Reconnaissance at the site verified presence of the large concrete pad and surrounding structures. The large concrete pad was littered with junk/debris, and a semi-truck and two sealed trailers were on it. Contents of the two sealed trailers could not be verified. The area surrounding the large concrete pad appeared to be freshly graded.

At the time of the site visit, no signs of hazardous waste or hazardous waste containers were evident. The evident diversity of property use within the AE site clearly indicates that the original AE property has been subdivided. While on site, Mr. Watkins documented reconnaissance activities in a site logbook (see Appendix B), and obtained photographic documentation (see Appendix C).

#### 4.0 REFERENCES

- Iowa Department of Natural Resources (IDNR). 2006. Complaint at Former American Eco-Systems Property. August 23.
- United States Environmental Protection Agency (EPA). 2003. Memorandum regarding Compliance Evaluation Inspection at American Eco-Systems Inc. From Gary R. Witkovski, Air and RCRA Compliance Branch. To Diane Huffman, RCRA Enforcement and State Programs Branch. October 8.

APPENDIX A
FIGURES



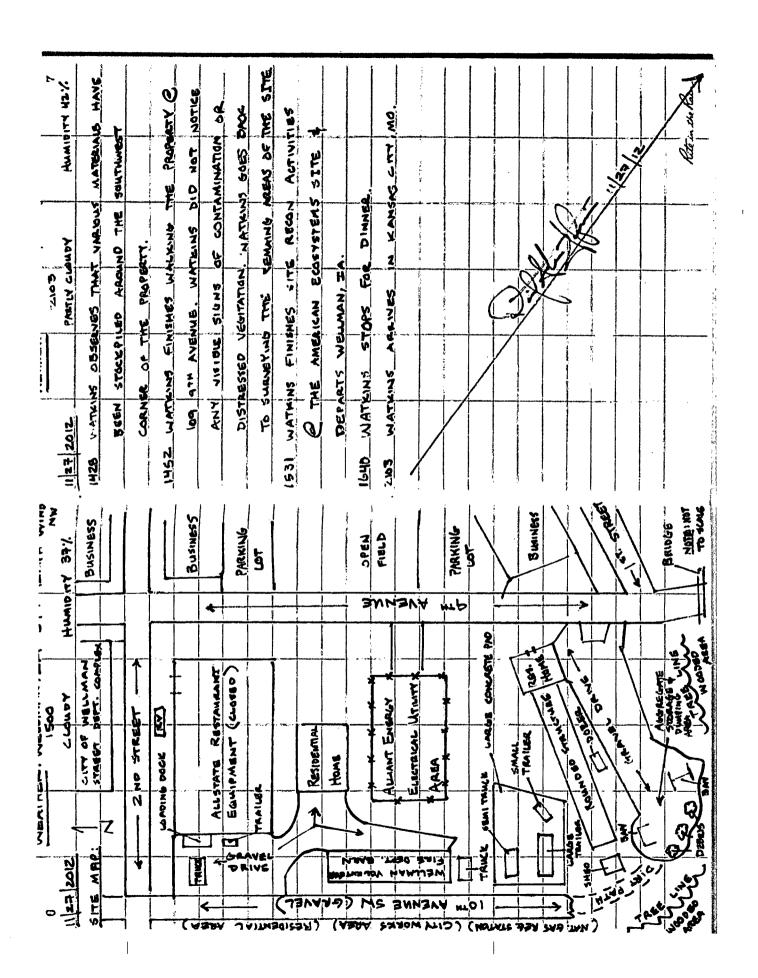


APPENDIX B LOGBOOK

| OGOS START TEAM MENDER (STM) ADV<br>WATELNS DEPARTS TETA TECH KO<br>OFFICE.<br>1230 STM WATELNS STORS FOR LUNCH.<br>1235 STM WATELNS CONTINUES TRAVEL<br>ISOU WATELNS CONTINUES TRAVEL<br>SOU WATELNS CONTINUES TRAVEL<br>AMERICAN ECOSYSTEMS SITE, WATELN | ADAM 08  |               |                 |   |   |             |              |
|--|--|---------------|-----------------|---|---|-------------|--------------|
| OFFICE.  STM WATEINS STOPS FOR L  STM WATEINS CONTINUES  WATEINS ARRIVES IN WELLMAN  AMERICAN ECOSYSTEMS SITE.   | -  | OBOS STM      | WATENS          | PREPS   | TOR                                     | THE DAYS    | RECON        |
| STM WATEINS STORS FOR LESTMATEINS CONTINUES  | KC   | Acriv         | ACTIVITIES.     | · · · · · · · · · · · · · · · · · · ·             |   |             |              |
| STM WATEINS STORS FOR L. STM WATEINS CONTINUES WATKINS ARRIVES IN WELLMAN  | 90   | OBSO WATKINS  | 1               | DEPARTS   | THE HOTEL                               | Z           | PELA, EA.    |
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| 1820 WATKINS ARRIVES @ THE HOTEL   | IN PELLA,  |               |                 | 3   | <b>a</b>                                |             |              |
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|                         | PTION                 | AATERIALS         | CONCRETE   | OLD TRACK & LARGE           | ON THE            | SE BINC                |                      | E PAD                         | 40                          |          | Į.             |                          | I                | PILES A   | THE S                                    | IOA GTH SPREET | TAKH BURNING CONTAINER | TESTS NT        |           | _(   | 000         |               | 7  |   |
|                         | DESCRIPTION           | VARIOUS MATERIALS | LARGE G  | OLD TRY                     | (SEALEO)          | THE LAKGE CONCRETE PAD | SEMT TRACK           | CONCRETE                      | SOUTH SIDE                  | BUILDING | AGGREGATE      | MEA                      | MATERIAL         | DEBRIS  | CINE ON THE                              | THE 10         | TRASH                  | 9F 109          |           |  |             |               |  |   |
|                         | DIRECTION             | Z                 |  | 3                           |                   | o 20₹ <b>-4</b>        | ω<br>Z               |                               | u                           |          | N              |                          | 3                | <u>4</u> 2  |  |                | Z                      |                 |           |  | ,           |               |  |   |
| 11 27 2012<br>Photo Lab | PHOTO ID              | 99                |  | 19                          | -                 |                        | 29                   |                               | <b>E</b> 9                  |          | <b>1</b> 9     |                          | 99               | 66  | Andreas Albert - profession - straighten |                | <b>t</b> 9             |                 |           | According to the second of the |             |               | n, ministration and management of the property | en edit en en edit en en edit |
| T Variable              |                       | 383               |  |                             |                   | 849                    |                      | אשנע)                         | ď                           |          | L              |                          | grk              |   | WELLMAN                                  |                | Building               | Ł               |           | <b>5</b>   | LARGE       |               | CONCRETE   |   |
|                         |                       | 五五                |  | 49                          |                   | 7                      | 7                    | 954                           | 3                           |          | 7              |                          | R                | 30 .40 . 30 . 30 . 30 . 30 . 30 . 30 . 3  |  | Ļ              | 爵                      | TREE            | 1         | STREET   |             |               | 9  | 2   |
|                         |                       | LERS ON           | ما ما المارية  | NATURAL GAS                 | 7.95              | Z ZATAKAL              | 79.5<br>79.5<br>79.5 | 3 ( SANO, AS                  | THE REGULATER               | 1        | PO ZS SEED     | SWILDING.                | \$10E OF         | \$ F. C. M. C | داته ه                                   | DEPART MENT.   | STREET                 | 109 9TH STREET  |           | 1  | ERS ON      |               | 1945   | 0   |
|                         | 791                   | LERS ON           | 9  | •                           | STATE             | 744447 7447            | STATION SIGN         | MATERIALS (SAND ASP           | UTH OF THE REGULATE         |          |                | STREET BUILDING          | WEST SIDE OF     | SANCOING.   | THE CITY OF                              | FIRE DEPARTMEN | 109 91" STREET         | OF 109 9TH      |           | OF 109 9TH   | TRAILERS ON | E PAD.        | NA THE CARGE   | DENCY GRADBO DI   |
|                         | DESCA: + TOZ          | 70                | CONCESTE PAD   | CITY OF WELLMAN NATURAL GAS | REGULATOR STATION | 744447 7447            | LATOR STATION SIGN   | TERNALS (                     | PILED SOUTH OF THE REGULATE | 7        | C STORAGE BAYS | 109 9TH STREET BUILDING. | THE WEST SIDE OF | STREET BUILDING.  | داته ه                                   | DEPARTMEN      | GIN STREET             | 109 9TH         | Building. | 109 gTH  | ERS ON      | CONCRETE PAD. | N THE CARGE  | DENCY GRADBO DI   |
|                         | DIRECTION DESCRIPTION | LERS ON           | - 1  | •                           | STATE             | PECTABL ZATURAL        | STATION SIGN         | W SANDUS MATERIALS (SAND, 458 | PLUED SOUTH OF THE REGULATE |          | C STORAGE BAYS | STREET                   | THE WEST SIDE OF |   | THE CITY OF                              | FIRE DEPARTMEN | OF 109 97" STREET      | SIDE OF 109 GTH | Building. | SIDE OF 109 GTM  | TRAILERS ON | CONCRETE PAD. | NA THE CARGE   | SUERBUNDENG.  |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the northeast corner of the Allstate Restaurant Equipment building. | 1        |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the entrance of the Allstate Restaurant Equipment building. | 2        |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Southwest      | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



TETRA TECH PROJECT NO. X9004.12.0306.000

**DIRECTION:** Northwest

DESCRIPTION This photograph shows the Wellman Streets Department building north of Allstate Restaurant Equipment building.

CLIENT Environmental Protection Agency - Region 7

PHOTOGRAPHER Adam Watkins

11/27/12



TETRA TECH PROJECT NO. X9004.12.0306.000

DIRECTION: West

PHOTOGRAPHER

| DESCRIPTION | This photograph shows the front of the Allstate Restaurant Equipment building. | 4    |
|-------------|--|------|
| CLIENT      | Environmental Protection Agency - Region 7                                     | DATE |

11/27/12

Adam Watkins



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the residence south of the Allstate Restaurant Equipment Building. | 5        |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



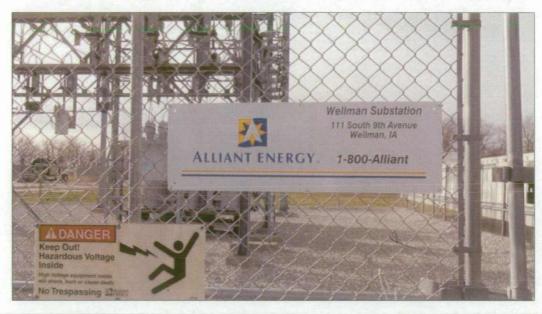
| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the Alliant Energy Wellman Substation. | 6        |
|--|--------------|--|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7                   | DATE     |
| DIRECTION: Southwest                           | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the south side of the Allstate Restaurant Equipment building. | 7        |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Northwest      | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH PROJECT NO. X9004.12.0306.000 | DESCRIPTION  | This photograph shows the Alliant Energy Wellman Substation. | 8        |
|--|--------------|--|----------|
| X9004.12.0306.000                        | CLIENT       | Environmental Protection Agency - Region 7                   | DATE     |
| DIRECTION: West                          | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the Alliant Energy Wellman Substation sign. | 9        |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                        | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the front of the residential home/Quonset hut building at 109 9th Avenue. | 10       |
|--|--------------|---|----------|
| X9004.12.0306.000                              | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Southwest                           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the north side of the residential home/Quonset hut building at 109 9th Avenue and an adjacent large concrete pad. | 11       |
|--|--------------|---|----------|
| X9004.12.0306.000                              | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West                                | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the view looking south down 9 <sup>th</sup> Avenue. | 12       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                                | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



TETRA TECH PROJECT NO. X9004.12.0306.000

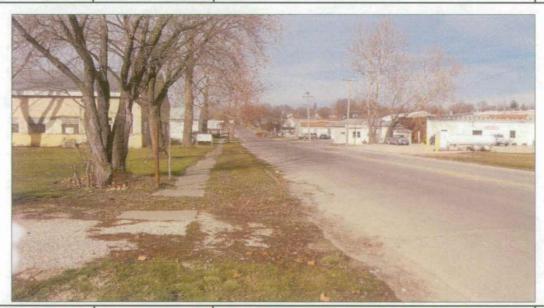
**DIRECTION:** East

PHOTOGRAPHER

DESCRIPTION This photograph shows the business across the street and east from the building at 109 9th Avenue.

CLIENT Environmental Protection Agency - Region 7 DATE

11/27/12



Adam Watkins

TETRA TECH PROJECT NO. X9004.12.0306.000

DIRECTION: North

| DESCRIPTION  | This photograph shows the view looking north down 9 <sup>th</sup> Avenue. | 14       |  |
|--------------|---|----------|--|
| CLIENT       | Environmental Protection Agency - Region 7                                | DATE     |  |
| PHOTOGRAPHER | Adam Watkins  | 11/27/12 |  |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the Home Gas, Inc. building east of the Allstate Restaurant Equipment building. | 15       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: East           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the business northeast of the Allstate Restaurant Equipment building. | 16       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Northeast      | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the entrance to the Allstate Restaurant Equipment building. | 17       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the north side of the Allstate Restaurant Equipment building. | 18       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the north side of the Allstate Restaurant Equipment building. | 19       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: East           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH PROJECT NO. | DESCRIPTION  | This photograph shows the Wellman Streets Department facility. | 20       |
|------------------------|--------------|--|----------|
| X9004.12.0306.000      | CLIENT       | Environmental Protection Agency - Region 7                     | DATE     |
| DIRECTION: Northeast   | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the business northwest of the Allstate Restaurant Equipment building. | 21       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Northwest      | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows a residence west of the Allstate Restaurant Equipment building. | 22       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows a loading dock on the west side of the Allstate Restaurant Equipment building. | 23       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: East           | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH PROJECT NO. | DESCRIPTION  | This photograph shows the gravel drive between the Allstate Restaurant Equipment building and a residential property. | 24       |
|------------------------|--------------|---|----------|
| X9004.12.0306.000      | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: Southeast   | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the view looking south down 10 <sup>th</sup> Avenue. | 25       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                                 | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000<br>DIRECTION: East | DESCRIPTION  | This photograph shows the south side of the Allstate Restaurant Equipment building. | 26       |
|---|--------------|---|----------|
|   | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
|   | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the residential property west of the Wellman Volunteer Fire Department barn. | 27       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the city works area. | 28       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7 | DATE     |
| DIRECTION: Southwest      | PHOTOGRAPHER | Adam Watkins                               | 11/27/12 |



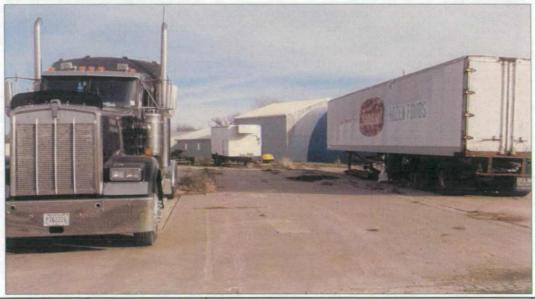
| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the large concrete pad area. | 29       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7         | DATE     |
| DIRECTION: Southeast      | PHOTOGRAPHER | Adam Watkins                                       | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the large concrete pad area. | 30       |
|--|--------------|--|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7         | DATE     |
| DIRECTION: East                                | PHOTOGRAPHER | Adam Watkins                                       | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the newly graded dirt surrounding the large concrete pad. | 31       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                                      | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH PROJECT NO. X9004.12.0306.000 | DESCRIPTION  | This photograph shows a semi truck and two sealed trailers on the large concrete pad. | 32       |
|--|--------------|---|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: East                          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the Wellman natural gas regulator station. | 33       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                       | DATE     |
| DIRECTION: Southwest      | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



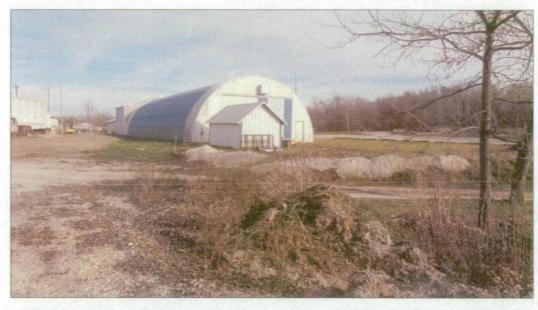
| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the Wellman natural gas regulator station sign. | 34       |
|--|--------------|---|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7                            | DATE     |
| DIRECTION: West                                | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows various materials piled south of the natural gas regulator station. | 35       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the material storage bays in the aggregate storage and dumping area. | 36       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: South          | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the shed on the west side of the building at 109 9th Avenue. | 37       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: East           | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the Wellman Fire Department barn. | 38       |
|--|--------------|---|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7              | DATE     |
| DIRECTION: Northeast                           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the front of the residential home/Quonset hut building at 109 9th Avenue. | 39       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH PROJECT NO. | DESCRIPTION  | This photograph shows the south side of the residential home/Quonset hut building at 109 9th Avenue. | 40       |
|------------------------|--------------|--|----------|
| X9004.12.0306.000      | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: North       | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows the north side of the residential home/Quonset hut building at 109 9th Avenue. | 41       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION:                | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the sealed trailers on the south side of the large concrete pad. | 42       |
|--|--------------|--|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7   | DATE     |
| DIRECTION: West                                | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows various debris and junk on the east side of the large concrete pad. | 43       |
|---------------------------|--------------|---|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: North          | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH PROJECT NO. | DESCRIPTION  | This photograph shows an old truck and a large trailer on the south side of the large concrete pad. | 44       |
|------------------------|--------------|---|----------|
| X9004.12.0306.000      | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: West        | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO. | DESCRIPTION  | This photograph shows a semi truck parked on the large concrete pad. | 45       |
|---------------------------|--------------|--|----------|
| X9004.12.0306.000         | CLIENT       | Environmental Protection Agency - Region 7                           | DATE     |
| DIRECTION: Northeast      | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows the west side of the building at 109 9th Avenue. | 46       |
|--|--------------|--|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7                             | DATE     |
| DIRECTION: East                                | PHOTOGRAPHER | Adam Watkins   | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows storage bays in the aggregate storage and dumping area. | 47       |  |
|--|--------------|---|----------|--|
|  | CLIENT       | Environmental Protection Agency - Region 7                                    | DATE     |  |
| DIRECTION: Southwest                           | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |  |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows storage bays in the aggregate storage and dumping area. | 48       |
|--|--------------|---|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7                                    |          |
| DIRECTION: West                                | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows debris piles along the tree line at the southwest corner in the aggregate storage and dumping area. | 49       |
|--|--------------|---|----------|
|  | CLIENT       | Environmental Protection Agency - Region 7  | DATE     |
| DIRECTION: N/A                                 | PHOTOGRAPHER | Adam Watkins  | 11/27/12 |



| TETRA TECH<br>PROJECT NO.<br>X9004.12.0306.000 | DESCRIPTION  | This photograph shows a trash burning container west of the building at 109 9th Avenue. | 50   |
|--|--------------|---|------|
| X9004.12.0306.000                              | CLIENT       | Environmental Protection Agency - Region 7  | DATE |
| DIRECTION: North                               | PHOTOGRAPHER | Adam Watkins  |      |

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