

**Site Name: Econofoods Property, Cedar Falls**

Brownfield Initial Site Screening (ISS)

Project Manager: Hylton Jackson

**CON 12-15  
Doc #14923**

☒ **3931 - Phase II Assessment Review - standard**

Phase II submitted as part of standard real estate development, pre-purchase agreement, or other due diligence, not a part of a community grant project, or

☐ **3837 - Phase II Assessment – grant funded**

Phase II submitted as part of an EPA grant funded community-wide or targeted assessment project – see Mel Pins if questions on this determination

***Summarize the site history (past usages, past ownerships, wastes, known or suspected contamination pathways such as tanks, septic tank/tile field, lagoon, land applications, S.W. burial, etc)***

A Phase I site assessment was performed and submitted. The 4.5-acre site was undeveloped in the 1930s when it appears to be cultivated farmland. A grocery store with a footprint of 34,924 square-feet was constructed in 1959. A northern addition of 7,032 square-feet was added in 1961 and a southern addition of 3,240 square-feet was added in 1983. The remaining 3 acres are paved parking and access with a minimal amount of green space at the eastern property boundary. A dry cleaner operated in the building from 1965 to 1972, exact location unknown. The main portion of the building is currently vacant. The north addition is occupied by a retail store. The southern addition is occupied by an office and a drop-off location for Varsity Cleaners. No on-site dry cleaning has occurred since 1972. During the site reconnaissance, evidence of a possible UST was observed at the south end of the east wall of the original portion of the building.

***Briefly describe the site assessment that was conducted (number of borings, monitoring wells, number of samples, depth of soil samples and monitoring wells, analysis, etc.)***

Seven soil borings were advanced on the property and converted to temporary monitoring wells. Six were advanced in areas to investigate the former dry cleaners and one (TMW-4) was advanced near the possible UST. Six borings were advanced to depths of 12 to 18 feet bgs. One boring TMW-2 was advanced to 50 feet bgs. Soil from the borings was PID field screened and 1 sample (TMW-1 at 13 to 15 feet bgs) was selected for laboratory analysis for VOCs and TEH. A groundwater sample was collected from each the 5 temporary wells that produced groundwater and submitted for laboratory analysis. Each sample was analyzed for VOCs and 3 samples (TMW-1, TMW-3, and TMW-4) were analyzed for TEH<sub>Diesel</sub> and TEH<sub>Waste Oil</sub>. The 2 deeper wells (TMW-2 at 50 feet bgs. and TMW-5 at 18 feet bgs) were dry.

***Summarize the findings and conclusions regarding the contaminants found and their extent and concentrations. Relate those values to known criteria such as statewide standards, MCLs, water quality standards, background levels or other benchmarks used to determine site priority.***

Soil:

Tetrachloroethene was detected at 0.0082 mg/kg below the Statewide Standard of 5.7 mg/kg. TEH<sub>Diesel</sub> was detected at 4.4 mg/kg below the Tier I standard of 3,800 mg/kg.

Groundwater:

Tetrachloroethene was detected in 3 groundwater samples at concentrations of 0.074 mg/L, 0.065 mg/L, and 0.0071 mg/L, all above the Statewide Standard of 0.005 mg/L.

Trichloroethene and Dichlorodifluoromethane were detected below their respective Statewide Standards.

***Identify on-site or off-site potential and actual targets (e.g., municipal wells, private wells, drinking water intakes). What is known of the neighboring area, i.e., are there residences, businesses, public use areas, etc.? Are there utility lines that could be impacted by site contaminants? Identify any other use/location issues that deserve consideration.***

The site sits on the eastern side of the Black Hawk Shopping Center. Residential property borders the site across McCain Street to the east, across Maplewood to the southeast, and across Waterloo Ave to the northeast. Commercial properties border the property to the northwest, west and southwest. The site is served with municipal water, sewer, and utilities. Groundwater flow direction appears to be to the southwest according to the text of the Limited Site Investigation Report. A groundwater flow direction calculation using static water levels collected on 12/29/2006 from monitoring wells TMW-1, TMW-3, and TMW-4 returns a direction of  $-150.3^{\circ}$ , to the southwest. Two private wells located within 1,200 feet of the site have been identified, one to the north and the other to the east. The strip log for the well to the north indicates it is 141 feet deep and finished in Devonian limestone overlain by 90 feet of till. The well to the east has been abandoned and plugged according to the Black Hawk County Board of Health.

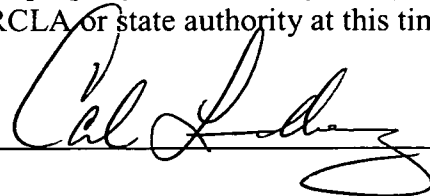
***Rate the site on a scale of 1 to 4, in decreasing order of severity or priority.***

3

***Summarize the reasoning, knowledge or any other information used in determining your recommendation regarding the priority assigned to this site.***

Chlorinated solvents have been detected in groundwater at concentrations moderately above the Statewide Standards. Groundwater was encountered in 5 of the 7 wells at depths between 2.7 feet bgs and 6.6 feet bgs. Groundwater was not detected in the two deepest monitoring wells (TMW-2 at 50 feet bgs. and TMW-5 at 18 feet bgs). Hydrogeologic conditions would seem to indicate that a low permeable layer is present at the site. This may well limit the connection between the shallow aquifer and the deeper utilized bedrock aquifer. Groundwater is not currently accessed on the site. A follow-up phone call to the consultant on 3/6/2007 revealed that the main section of the building has already been demolished. After the remaining structures are razed, a new slab-on-grade building housing a restaurant is planned for the site. The remainder of the property will remain paved parking. No further investigation will be required under CERCLA or state authority at this time.

Form Reviewed:



Date Reviewed: 3/27/07

Groundwater:

Tetrachloroethene was detected in 3 groundwater samples at concentrations of 0.074 mg/L, 0.065 mg/L, and 0.0071 mg/L, all above the Statewide Standard of 0.005 mg/L.

Trichloroethene and Dichlorodifluoromethane were detected below their respective Statewide Standards.

***Identify on-site or off-site potential and actual targets (e.g., municipal wells, private wells, drinking water intakes). What is known of the neighboring area, i.e., are there residences, businesses, public use areas, etc.? Are there utility lines that could be impacted by site contaminants? Identify any other use/location issues that deserve consideration.***

The site sits on the eastern side of the Black Hawk Shopping Center. Residential property borders the site across McCain Street to the east, across Maplewood to the southeast, and across Waterloo Ave to the northeast. Commercial properties border the property to the northwest, west and southwest. The site is served with municipal water, sewer, and utilities. Groundwater flow direction appears to be to the southwest according to the text of the Limited Site Investigation Report. A groundwater flow direction calculation using static water levels collected on 12/29/2006 from monitoring wells TMW-1, TMW-3, and TMW-4 returns a direction of  $-150.3^{\circ}$ , to the southwest. Two private wells located within 1,200 feet of the site have been identified, one to the north and the other to the east. The strip log for the well to the north indicates it is 141 feet deep and finished in Devonian limestone overlain by 90 feet of till. The well to the east has been abandoned and plugged according to the Black Hawk County Board of Health.

***Rate the site on a scale of 1 to 4, in decreasing order of severity or priority.***

3

***Summarize the reasoning, knowledge or any other information used in determining your recommendation regarding the priority assigned to this site.***

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**Form Reviewed:** \_\_\_\_\_ **Date Reviewed:** \_\_\_\_\_

# PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

**Checklist Preparer:** Hylton Jackson 3/6/2007  
 (Name/Title) (Date)  
502 East 9<sup>th</sup> Street, Des Moines, IA 50319 515 242 5084  
 (Address) (Phone)  
Hylton.Jackson@dnr.state.ia.us  
 (E-mail Address)

**Site Name:** Econofoods Property

**Previous Names (if any):** \_\_\_\_\_

**Site Location:** 5901 University Avenue

Cedar Falls IA 50613  
 (City) (ST) (Zip)  
**Latitude:** 42.513563 **Longitude:** 92.426749

Compare the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance release have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please explain all "yes" answer(s), attach additional sheets if necessary:

- Site Determination:**
- ☐ Enter the site into CERCLIS. Further assessment is recommended (Explain below).
  - ☒ The site is not recommended for placement into CERCLIS (Explain below).
  - ☐ Further assessment is recommended under PRE-CERCLA (Explain below).

**DECISION/DISCUSSION/RATIONALE:**

Chlorinated solvents have been detected in groundwater at concentrations moderately above the Statewide Standards. Groundwater was encountered in 5 of the 7 wells at depths between 2.7 feet bgs and 6.6 feet bgs. Groundwater was not detected in the two deepest monitoring wells (TMW-2 at 50 feet bgs. and TMW-5 at 18 feet bgs). Hydrogeologic conditions would seem to indicate that a low permeable layer is present at the site. This may well limit the connection between the shallow aquifer and the deeper utilized bedrock aquifer. Groundwater is not currently accessed on the site. A follow-up phone call to the consultant on 3/6/2007 revealed that the main section of the building has already been demolished. After the remaining structures are razed, a new slab-on-grade building housing a restaurant is planned for the site. The remainder of the property will remain paved parking. No further investigation will be required under CERCLA or state authority at this time.

**Regional EPA Reviewer:**

Print Name/Signature

Date

**State Agency/Tribe:**

Print Name/Signature

Date



## REGION VII U.S. EPA SUPERFUND

## SITE DISCOVERY ENTRY FORM

Discovery Lead (choose one):

Discovery Date: 2/27/2007 ☒ F-EPA Fund Fin ☐ S-State Fund Fin ☐ FF-Fed Fac ☐ EP-EPA-In-house ☐ TR Tribal Lead - Fund Fin  
Removal Check if, ☐ FUD SiteSite Name: Econofoods PropertyInitiated Date 3/6/2007 Identified By: ☐ Removal ☒ Site Assessment ☐ States  
☐ Fed. Facilities ☐ Other Fed. AgencyAddress: 5901 University AvenueCounty Name: Black HawkCity, State, Zip: Cedar Falls, IA 50613State ID (if one exists): \_\_\_\_\_ Congressional District: 1NPL Status: ☐ Currently on the Final NPL  
☐ Proposed for NPL☒ Not on the NPL ☐ Deleted on the final NPL ☐ Pre-Proposal Site ☐ Site is Part of NPL Site  
☐ Removed from Proposed NPL ☐ WithdrawnSection: ☐ C-(STAR) SPFD Technical Assistance/Re-Use Branch  
☐ F-(FFSE) Federal Facilities/Apecial Emphasis Branch  
☐ I-(IANE) IA/NE Remedial BranchFed Fac Ind: ☐ Federal Facility  
☐ M-(MOKS) MO/KS Remedial Branch ☒ Not a Federal Facility  
☐ L-(EFLR) Enfr/Fund Lead RV Branch ☐ Status Undetermined  
☐ O-(ER&R) Emergency Response & RV Branch

List Site Alias Name (s): \_\_\_\_\_

Directions to Site: From US-20 west of Cedar Falls, take the IA-58 N / IA-27 N exit- EXIT 225- toward CEDAR FALLS / AIRPORT, go 0.3 miles. Turn LEFT onto IA-27 / IA-58 / BUTTERFIELD RD. Continue to follow IA-27 N / IA-58 N., go 3.4 miles. Take the UNIVERSITY AVE ramp, go 0.3 miles. Turn RIGHT onto UNIVERSITY AVE., go 0.6 miles. End at 5901 University Ave Cedar Falls.

Site Description: Inactive commercial site (shopping center).Site Size: 4.5Site Dimension: ☒ Acres ☐ Square Feet  
☐ Feet ☐ Square Miles ☐ MilesUSGS Quadrant: Cedar Falls 7.5 USGS Hydro Unit: \_\_\_\_\_Latitude: 42.513563 Longitude: 92.426749

(Decimal Degree format/with release of 3.17 see attached required location data form)

Owner ☐ Bank/Loan Company ☐ Indian Lands  
Operator ☐ County Owned ☐ Other  
Type ☐ District Owned ☒ Private  
☐ Federally Owned ☐ Mixed Ownership  
☐ Former Federally Owned or Operated ☐ State Owned  
☐ Government Owned/Contractor Operated ☐ Trustee, Federal  
☐ Privately Owned/Government Operated ☐ Trustee, State  
☐ Property Defaulted Back to Government  
☐ MunicipalityOperational Status: ☐ Active ☒ Inactive ☐ Unknown

Non-NPL Status (Choose one):

☐ Addressed as part of NPL site (AX)  
☐ Combined PA/SI Ongoing (CO)☐ Deferral of NPL Listing Dec. While States  
Oversee Resp. (SD)☐ ESI Ongoing (EO)☐ ESI Start Needed (ES)☐ Fed Fac ESI Review Start Needed (FE)☐ Fed Fac Prelim Assessment Rev Ongoing (PG)☐ Fed Fac Prelim Assessment Rev Start Needed (PN)☐ Fed Fac Site Inspection Rev Ongoing (FG)☐ Fed Fac Site Inspection Rev Start Needed (FS)☐ HRS Ongoing (HO)☐ HRS Package Completed-Further Eval. Needed (HN)☐ HRS Start Needed (HS)☐ Integrated ESI RI Ongoing (IO)☐ Integrated ESI/RI Start Needed (IS)☐ Integrated Removal/Remedial Eval Ongoing (IN)☐ Integrated Removal/Remedial Eval Start Needed (IR)☐ NFRAP (NF)☐ Other Cleanup Activity:☐ Fed Fac-lead Cleanup (OF)☐ Other Cleanup Activity:☐ Private Party-Lead Cleanup (OP)☐ Other Cleanup Activity:☐ State-Lead Cleanup (OS)☐ Other Cleanup Activity:☐ Tribal-lead Cleanup (OT)☐ PA Ongoing (PO)☐ PA Start Needed (PS)☐ Ref to Rvl-Further Assess Needed (RW)☐ Referred to Rvl - NFRAP (RR)☐ Removal Only Site (No Site Assess Work) (RO)☐ SI Ongoing (SO)☐ SI Start Needed (SS)☐ SIP Ongoing (SG)☐ SIP Start Needed (SN)☐ Site Reassessment Ongoing (SR)☒ Status Not Specified (SX)☐ Site Reassessment Start Needed (RN)

Site Type: (Choose all that apply - for every main category chosen in bold at least one sub-category must be selected; if more than one main and sub category is selected indicate which is primary):

Primary designation: \_\_\_\_\_

☐ **MP-Manufacturing/Processing/Maintenance** - Applicable sub-categories:☐ CA-Chemicals and allied products  
☐ CG-Coal gasification  
☐ CP-Coke production  
☐ EP-Electric power generation and distribution.  
☐ EE-Electronic/electrical equipment  
☐ FT-Fabrics/textiles  
☐ WP-Lumber and wood products/wood preserving/treatment  
☐ MF-Metal fabrication/finishing/coating and allied industries  
☐ OR-Oil and gas refining  
☐ OP-Ordnance production  
☐ PR-Plastics and rubber products  
☐ PM-Primary metals/mineral processing  
☐ RA-Radioactive products  
☐ TA -Tanneries ☐ OT-Other-Description(needed): \_\_\_\_\_  
☐ TS-Trucks/ships/trains/aircraft and related components☐ **MI-Mining** - Applicable sub-categories☐ CO-Coal ☐ ME-Metals ☐ NM-Non-metal minerals  
☐ OG-Oil and Gas ☐ OT-Other-Description(needed): \_\_\_\_\_☐ **WM-Waste Management** - Applicable sub-categories☐ CL-Co-disposal landfill (municipal and industrial)  
☐ ID-Illegal disposal/open dump  
☐ IF-Industrial waste facility (non-generator)  
☐ IL-Industrial waste landfill  
☐ MD-Mine tailings disposal ☐ OT-Other-Desc.(needed): \_\_\_\_\_  
☐ RW-Radioactive waste treatment, storage, disposal (non-generator)☒ **OT-Other** - Applicable sub-categories☐ AG-Agricultural (e.g., grain elevator)  
☐ CS-Contaminated sediment site with no identifiable source  
☐ DC-Dust control ☐ OT-Other-Desc.(needed): \_\_\_\_\_  
☐ GP-Ground water plume site with no identifiable source  
☐ MO-Military/Other Ordinance  
☐ PS-Product storage/distribution  
☐ RD-Research, development, and testing facility  
☒ RC-Retail/commercial  
☐ SE-Spill or other one-time event  
☐ TP-Transportation (e.g., railroad yards, airport, barge docking, site)  
☐ TW-Treatment works/septic tanks/other sewage treatment☐ **RE-Recycling** - Applicable sub-categories☐ AT-Automobiles/tires ☐ DT-Drums/tanks ☐ WO-Waste/used oil  
☐ BS-Batteries/scrap metals/secondary smelting/precious metal recovery  
☐ CC-Chemicals/chemical waste (e.g., solvent recovery)  
☐ OT- Other-Description (needed): \_\_\_\_\_

Signatures:

State: Cal Date: 3/27/07 RPM/OSC/SAM: \_\_\_\_\_

Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

(NOTE: Data analysts will send form to Records Center after data entry and QA.)

Updated by System Research Group  
17FEB 05



**REGION VII U.S. EPA SUPERFUND**  
**NO DISCOVERY DATE**

Site Name: Econofoods Property Identified By: \_\_\_\_\_

Address: 5901 University Avenue  
City, State, Zip: Cedar Falls, IA 50613

NPL Status: = : Not a Valid Site or Incident Federal Facility Indicator: ☐ Federal Facility ☒ Not a Federal Facility ☐ Status Undetermined

Section: ☐ C-(STAR) SPFD Technical Assistance/Re-Use Branch ☒ L-(EFLR) Enfr/Fund Lead RV Branch ☐ F-(FFSE) Federal Facilities/Special Emphasis Branch  
☐ M-(MOKS) MO/KS remedial Branch ☐ I-(IANE) IA/NE Remedial Branch ☐ O-(ER&R) Emergency Response & RV Branch

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Site Description: Inactive commercial/retail

Site Size: 4.5

Site Dimension: ☒ Acres ☐ Square Feet  
☐ Feet ☐ Square Miles ☐ Miles

USGS Quadrant: Cedar Falls 7.5' USGS Hydro Unit: \_\_\_\_\_

Latitude: 42.513563 Longitude: 92.426749  
(Decimal Degree format)-(with release of 3.17 see attached required location data form)

Lat/Long Accuracy: ☒ Seconds ☐ Miles ☐ Feet  
☐ Degrees ☐ Minutes ☐ Kilometers ☐ Meters

Owner ☐ Bank/Loan Company ☐ Indian Lands  
Operator ☐ County Owned ☐ Other  
Type ☐ District Owned ☒ Private  
☐ Federally Owned ☐ Mixed Ownership  
☐ Former Federally Owned or Operated ☐ State Owned  
☐ Government Owned/Contractor Operated ☐ Trustee, Feder  
☐ Privately Owned/Government Operated ☐ Trustee, State  
☐ Property Defaulted Back to Government  
☐ Municipality

Operational Status: ☒ Active ☐ Inactive ☐ Unknown

Non-NPL Status (Choose one):

☒ Not a Valid Site or Incident ☐ Not a Valid Site or Incident: NRC Lead  
☐ Not a Valid Site or Incident: RCRA Lead ☐ Not a Valid Site or Incident: State Lead  
☐ Not a Valid Site or Incident: Tribal Lead

Add Action: OU\_00

: PRE-CERCLIS SCREENING Planned Complete: 3/6/2007

Actual Complete: 3/7/2007

Lead code (choose one):

☒ F-EPA Fund Financed ☐ FF - Federal Facility ☐ S - State, Fund Financed

SCAP Note: \_\_\_\_\_

Add below Action (if No Further Action):

OU\_00 Lead: EP

☐ PRE-CERCLIS ARCHIVE Actual Complete: \_\_\_\_/\_\_\_\_/\_\_\_\_

SCAP Note: \_\_\_\_\_

Comments: ☐ Site or ☐ Action: \_\_\_\_\_

Signatures: \_\_\_\_\_

States: Cal Lally Date: 3/27/07 RPM/OSC/SAM: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

(NOTE: Data analysts will send form to records center after data entry and QA.)

**PRE-CERCLIS INITIATION FORM**

NPL Status = O-NOT A VALID SITE OR INCIDENT

☐ Removal ☒ Site Assessment ☐ Federal Facilities ☐ States  
☐ Other Federal Agency Check if ☐ FUD Site

County Name: Black Hawk

ID (if one exists): \_\_\_\_\_

Congressional District: 1

Site Type: (Choose all that apply - for every main category chosen in bold at least one sub-category must be selected; if more than one main and sub category is selected indicate which is primary):

Primary designation: \_\_\_\_\_

☐ **MP-Manufacturing/Processing/Maintenance** - Applicable sub-categories:

☐ CA-Chemicals and allied products  
☐ CG-Coal gasification  
☐ CP-Coke production  
☐ EP-Electric power generation and distribution.  
☐ FT-Fabrics/textiles  
☐ LW-Lumber and wood products/pulp and paper  
☐ WP-Lumber and wood products/wood preserving/preserving/treatment  
☐ MF-Metal fabrication/finishing/coating and allied industries  
☐ OR-Oil and gas refining  
☐ OP-Ordnance production  
☐ PR-Plastics and rubber products  
☐ PM-Primary metals/mineral processing  
☐ RA-Radioactive products  
☐ TA-Tanneries ☐ OT-Other-Description(needed): \_\_\_\_\_  
☐ TS-Trucks/ships/trains/aircraft and related components

☐ **MI-Mining** - Applicable sub-categories

☐ CO-Coal ☐ ME-Metals ☐ NM-Non-metal minerals  
☐ OG-Oil and Gas ☐ OT-Other-Description(needed): \_\_\_\_\_

☐ **WM-Waste Management** - Applicable sub-categories

☐ CL-Co-disposal landfill (municipal and industrial)  
☐ ID-Illegal disposal/open dump  
☐ IF-Industrial waste facility (non-generator)  
☐ MD-Mine tailings disposal ☐ OT-Other-Desc.(needed) \_\_\_\_\_  
☐ ML-Municipal solid waste landfill  
☐ RW-Radioactive waste treatment, storage, disposal (non-generator)

☒ **OT-Other** - Applicable sub-categories

☐ AG-Agricultural (e.g., grain elevator)  
☐ CS-Contaminated sediment site with no identifiable source  
☐ DC-Dust control ☐ OT-Other-Desc (needed) \_\_\_\_\_  
☐ GP-Ground water plume site with no identifiable source  
☐ MO-Military/Other Ordinance  
☐ PS-Product storage/distribution  
☐ RD-Research, development, and testing facility  
☒ RC-Retail/commercial  
☐ SE-Spill or other one-time event  
☐ TP-Transportation (e.g., railroad yards, airport, barge docking, site)  
☐ TW-Treatment works/septic tanks/other sewage treatment

☐ **RE-Recycling** - Applicable sub-categories

☐ AT-Automobiles/tires ☐ DT-Drums/tanks ☐ WO-Waste/used  
☐ BS-Batteries/scrap metals/secondary smelting/precious metal recovery  
☐ CC-Chemicals/chemical waste (e.g., solvent recovery)  
☐ OT-Other-Description(needed): \_\_\_\_\_



**REGION VII**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

ENFORCEMENT SENSITIVE INFORMATION  
FOR INTERNAL USE ONLY

**LOCATION FORM** - (Required information highlighted in red)

SITE NAME Econofoods Property

EPA ID: \_\_\_\_\_

Latitude: 42.513563  
(Decimal Degree format)

Longitude: 92.426749

Measurement Sequence: \_\_\_\_\_  
(See Comment A)

Lat/Long Source: ☐ Contractor  
☐ Dun & Bradstreet  
☐ EPA Region 7  
☐ Geograph  
☐ Other Federal Agency  
☐ Regulated Entity  
☐ State

☐ EPA Headquarters  
☐ Epic  
☐ Other  
☒ Private  
☐ SNAP  
☐ Tribe  
☐ Unknown

☐ (Blank)

Designate Lat/Long: ☐ Primary

Collection Method: ☐ Address Matching -House Number ☐ Address Matching - Block Face ☐ Address Matching - Street Centerline  
☐ Address Matching -Nearest Intersection ☐ Address Matching - Primary Name ☐ Address Matching - Digitized  
☐ Address Matching - Other ☐ Census Block - 1990 - Centroid ☐ Census Block/Group 1990-Centroid  
☐ Census Block/Tract - 1990 - Centroid ☐ Classical Surveying Techniques ☐ Census - Other  
☐ GPS Carrier Phase Static Relative Position ☐ GPS Carrier Phase Kinematic Relative Position ☐ GPS, with Canadian Active Control System  
☐ GPS Code (Pseudo Range) Differential ☐ GPS Code (Pseudo Range) Precise Position ☐ GPS Code (Pseudo Range) Standard Position (SA-Off)  
☐ GPS Code (Pseudo Range) Standard Position Service SA-On ☐ GPS-Unspecified ☒ Interpolation-Digital Map Source (TIGER)  
☐ Interpolation-Map ☐ Interpolation -MSS ☐ Interpolation -Photo ☐ Interpolation - Satellite ☐ Interpolation - SPOT  
☐ Interpolation-TM ☐ Interpolation - Other ☐ LORAN C ☐ Public Land Survey-Eighth Section ☐ Public Land Survey-Footing  
☐ Public Land Survey-Quarter Section ☐ Public Land Survey-Section ☐ Public Land Survey-Sixteenth Section  
☐ ZIP+2 Centroid ☐ ZIP+4 Centroid ☐ ZIP Code - Centroid ☐ (Blank) ☐ Unknown

Reference Point: ☐ Administrative Building ☐ Air Monitoring Station ☐ Air Release Stack ☐ Air Release Vent  
☐ Atmos. Emissions Trtmt Unit ☐ Boundary Point ☐ Building Entrance ☒ Facility/Centroid Cent ☐ Facility/Station Bldg Entrance  
☐ Intake Point ☐ Lagoon or Settling Pond ☐ Liquid Waste Treatment Unit ☐ Loading Area Centroid ☐ Loading Facility  
☐ Monitoring Point ☐ NE Corner of Land Parcel ☐ NW Corner of Land Parcel ☐ Other ☐ Plant Entrance (General)  
☐ Plant Entrance (Personnel) ☐ Process Unit Area Centroid ☐ Process Unit ☐ SE Corner of Land Parcel  
☐ Solid Waste Storage Area ☐ Solid Waste Trtmt/Disp. Unit ☐ Storage Tank ☐ SW Corner of Land Parcel ☐ Unknown  
☐ Water Monitoring Station ☐ Water Release Pipe ☐ Well ☐ Well Protection Area ☐ (Blank) ☐ Release Point ☐ Treatment/Storage Plant

Reference Datum: ☐ NAD27 ☒ NAD83 ☐ Other ☐ Unknown ☐ WGS84 ☐ (Blank)

Accuracy Meters +/-: 5 Collection Date: 3/7/2007

Verification Method: ☐ Ground Truth Conducted ☐ Point In Polygon (County) ☐ Blank  
☐ Point in Polygon (Zip) ☐ Proximity to Alternative Facility Coordinate ☒ Not Verified  
☐ Proximity to Polygon Centroid(Other) ☐ Proximity to Polygon Centroid (Zip Code)  
☐ Verified Relative to Map Features (1:100K/Tiger) ☐ Verified Relative to Map Features (1:24K)  
☐ Verified Relative to Map Features (Other) ☐ Verified, Unknown Method  
☐ Proximity to Polygon Centroid (County) ☐ Point in Polygon (Other)

Point/ Line/ Area: ☒ AREA ☐ LINE ☐ POINT ☐ REGION ☐ ROUTE ☐ (BLANK)

Source Map Scale: ☐ (BLANK) ☐ 1:10,000 ☐ 1:12,000 ☐ 1:15,840 ☐ 1:20,000 ☐ 1:24,000 ☐ 1:25,000 ☐ 1:50,000  
☐ 1:62,500 ☐ 1:63,360 ☐ 1:100,000 ☐ 1:125,000 ☐ 1:250,000 ☐ 1:500,000 ☐ NONE ☒ UNKNOWN  
☐ OTHER \_\_\_\_\_

COMMENTS: \_\_\_\_\_

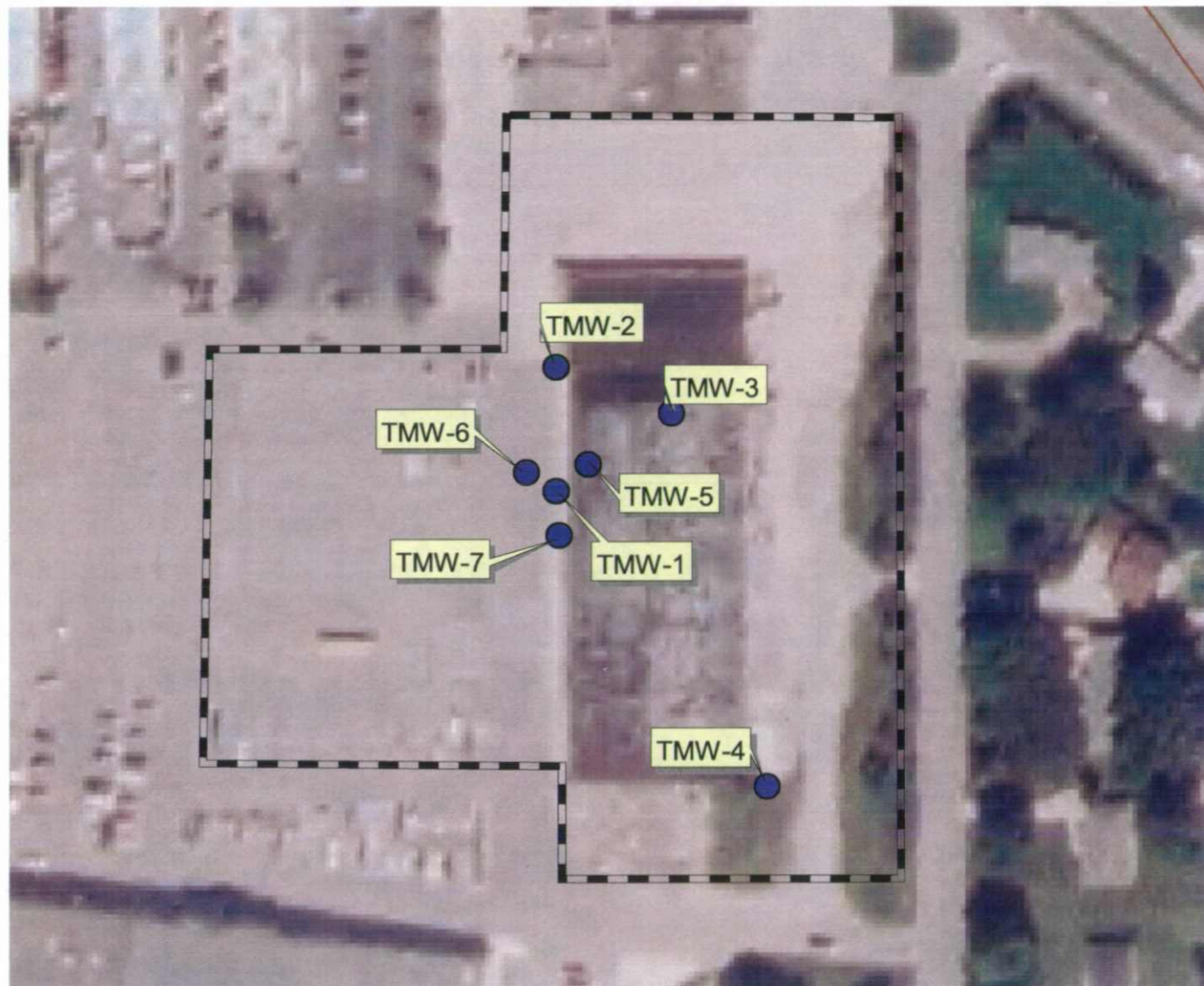
Signatures:

RPM/OSC: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ BRANCH CHIEF: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

A) A sequential number to indicate the order in which points on a line or area are connected. For an area, the maximum point is connected to the first. Required if the feature is polygonal or linear. 3 numeric.



# Econofoods, Cedar Falls Sampling Point Locations



Property Boundary



County





# Econofoods Property

