Initial Site Screening (ISS)

Site Name: Ira City Park

Project Manager: Andrew Carver Date: 3/4/26

☐ **3931 - Phase II Assessment Review – Brownfield Funded**
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 – Brownfield 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, or

☒ **3321 - Phase II Assessment Review – CERCLA Pre-Remedial Funded**
Phase II submitted that is not part of a real estate transaction

Location: (Decimal Degree format)
Latitude: 41.77630 Longitude: -93.20689 **County**: Jasper

USGS Quadrant: Baxter - 2022

Site Size: ~1.4 **Site Dimension:** ☐ Acres ☐ Square Feet ☐ Feet ☐ Square Miles ☐ Miles

Site Alias Name(s): Bucklin Auto

Congressional District: IA - 1st

Grant Recipient Name:

Grant Recipient Address:

Grant Recipient Phone: **Grant Recipient Email:**

Current Owner(s): Ira Community Service

Current Owner Address: 8911 North St., Ira, IA 50127

If different from current owner:

Responsible Party Name(s):

Responsible Party Address:

Site Street Address or Tier, Range, Section & Subsections (if street address is unknown)
6684 W 90th St N, Mingo, IA 50168 NW 1/4, NE 1/4, NW 1/4, Sec 5, T80N, R20W

Directions to site: Site is located on the southeast corner of County Hwy F24 W and W 90th St N intersection.

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

Site History:

The site is currently community space/park in the unincorporated town of Ira, IA. Limited information on the site's history is known at this time, although historic aerial maps indicate the site was formerly railroad ROW and was vacant until the 1970's when a building was constructed on the property. The drinking fountain located on-site has history of volatile organic compound (VOC) detections over applicable standards, although limited sampling was completed. The site water service line material is HDPE/PVC pipe.

Adjacent to the park to the west is an automotive salvage yard which is believed to been in operation since the 1960's-1970's. The salvage yard has had a recent Notice of Violation (NOV) for non-permitted open burning materials such as metals, plastics, tires, and tree waste. In addition to the open burning NOV, the facility did not have a NPDES General Permit #1 for storm-water discharge prior to 2023. Additionally, USTs were known or assumed to be located both north of the site and northwest of the site.

Recognized Environmental Conditions (REC):

Unknown full site history and previously mentioned offsite RECs from adjacent properties, including for UST/AST facilities and automotive salvage yard with open burn pit.

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.)

No groundwater or soil sampling was completed during preliminary investigation. Water samples were collected from the site service line and fountain pit along with two water main/service line locations both up-flow and down-flow from the site. Samples were analyzed for select VOC analytes (benzene, toluene, ethylbenzene, and xylenes, (BTEX)) by Iowa Method OA1. Some samples included analysis for total extractable hydrocarbons (TEH) and one sample that was collected had limited VOC and SVOC analysis using US EPA Methods 524.2 and 525.2 in addition to TEH. A sample was typically collected from the same point both pre and post-flushing of the water line.

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 Findings

No soil analysis completed.

Groundwater Findings:

No groundwater analysis completed.

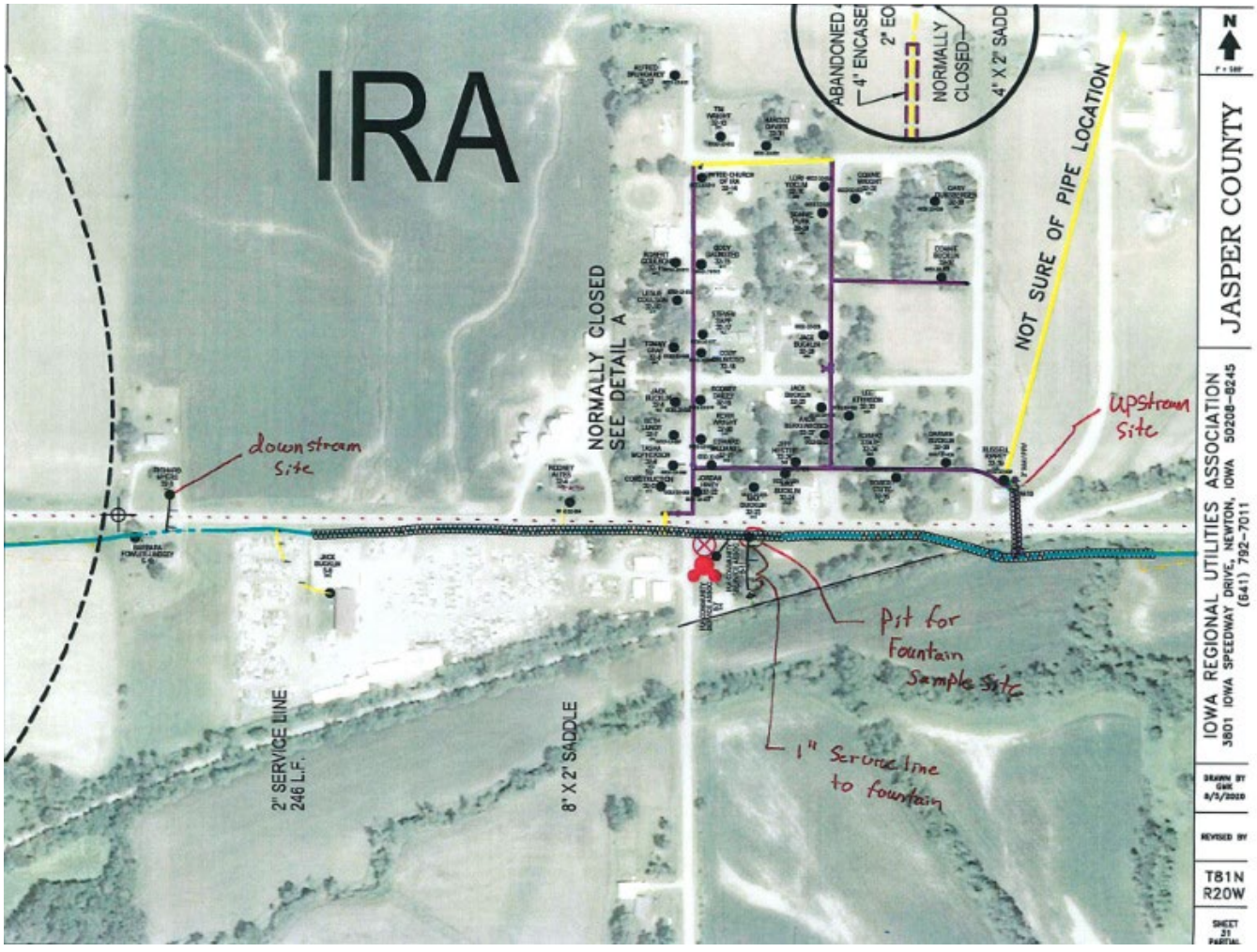
Potable Water Findings:

Sampling was completed at three locations along the water main/service lines, in the up-flow direction, down-flow direction, and at the Ira Park fountain pit. Samples appear to have been collected both pre and post water line flush. Samples from the up and down-flow directions yielded no BTEX detections while both fountain pit samples from the park had BTEX detections with benzene over the MCL of 5 ug/L.

Additional testing was completed by the DNR field office in the same month at the Ira Park water service line. Both pre- and post-flush water samples were collected and analyzed for BTEX and TEH. The pre-flush and post-flush samples had detections for all BTEX constituents and TEH-diesel and the pre-flush sample exceeded the MCL for benzene.

Lastly, two samples were collected by the DNR field office in August of 2023 and analyzed for a limited suite of VOCs and SVOCs as well as Iowa Method OA2. All results were below laboratory detection levels. Samples were collected from the on-site community building water line both pre- and post-flush.

Sample	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TEH Diesel (ug/L)
Ira Park-Pre	7/14/2023	440	400	560	3200	2800
Ira Park-Post	7/14/2023	3	<2	<2	<2	190
AT-1	7/27/2023	15.9	14.6	10.8	63.9	-
AT-2	7/27/2023	9.28	7.43	5.24	28.5	-
Down-1	7/27/2023	<0.50	<0.50	<0.50	<0.50	-
Down-2	7/27/2023	<0.50	<0.50	<0.50	<0.50	-
UP-1	7/27/2023	<0.50	<0.50	<0.50	<0.50	-
UP-2	7/27/2023	<0.50	<0.50	<0.50	<0.50	-



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 main receptor in the area is the Ira Park drinking fountain which has shown to be impacted. Currently, the fountain has been shut off and no longer in use. Additional receptors would include the City of Ira municipal well, although the well status is unused and water is provided through Iowa Rural Water Utilities Association.

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

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

Although the site water fountain is currently shut off, the source or scope of the contamination was never identified. Furthermore, sampling was limited to a small group of VOC/SVOC analytes and total extractable hydrocarbons (TEH). Considering the adjacent property history, utilization of a full VOC analysis (to include ethylene glycol) along with metals and a wider range of SVOCs would be pertinent. The DNR recommends further investigation for the site.

Site recommended for:

☐ No further action under CERCLA Pre-Remedial
☐ Additional investigation under state program (activity code 2824)
☒ Additional investigation under CERCLA (Abbreviated Preliminary Assessment)
☐ Transfer to LUST/UST

Form Reviewed: Digitally signed by Michael Sullivan Date: 2026.03.04 16:34:37 -06'00' **Date Reviewed:** March 4, 2026