

## Use Attainability Analysis

<b>1 Water Body Name</b>	South Fork Catfish Creek
<b>2 Segment Description</b>	English Mill Road to confluence with unnamed tributary
<b>3 Segment Length (mi)</b>	8.1
<b>4 Drainage Area (sq. mi.)</b>	17.8
<b>5 Segment Start Latitude, Longitude (DD)</b>	42.48065, -90.73831
<b>6 Segment End Latitude, Longitude (DD)</b>	42.45555, -90.83193
<b>7 Route of Flow (Next Downstream Adopted Designated Use)</b>	South Fork Catfish Creek (A1 proposed, BWW2, existing to A2, BWW2, existing) to Catfish Creek (A1, BWW1, HH)
<b>8 NPDES Facility and Permit Number (If Applicable)</b>	Lost Canyon Mobile Home Park (3100608)
<b>9 Sample Site ID(s)</b>	36-3
<b>10 Segment County Name(s)</b>	Dubuque
<b>11 Field Work Date(s)</b>	10/8/2014

### 12 Aquatic Life Use Attainability Analysis - Conclusion

<b>Recommended Highest Attainable Use: Aquatic Life Use</b>	N/A
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### 13 Recreational Use Attainability Analysis - Conclusion

<b>Recommended Highest Attainable Use: Recreational Use</b>	A1
Water levels and flow are sufficient to support full body immersion (see Site Observations Table). Therefore, the highest attainable recreational use for this stream segment is A1.	

### 14 Flow

Field Work Date	Description
10/8/2014	<a href="#">USGS stream gage data</a> for the area indicated stream flows were normal at the time of assessment.

### Use Attainability Analysis - Data Site Observations

Use	Site parameter	Site ID #36-3
AL/R	<b>15 Latitude, Longitude (DD)</b>	42.46828, -90.78216
AL/R	<b>16 Average Depth (in)</b>	4.5
AL/R	<b>17 Maximum Depth (in)</b>	>39
AL/R	<b>18 Stream Width (ft)</b>	15
AL/R	<b>19 Pools Observed?</b>	Yes
AL only	<b>20 Non-Game Fish Present and Counts (Species: Number)</b>	See BioNet Site Information Below
	<b>21 Game Fish Present and Counts (Species (Size Range): Number)</b>	See BioNet Site Information Below
	<b>22 Stream Habitat (See also: #29 Site Photos)</b>	Nice meandering stream. Lots of fish seen. Very agricultural area. Wooded, moderately steep. Brushy banks.
R only	<b>23 Evidence of Use for Primary Contact Recreation? (Yes*/No)</b>	No
	<b>24 Evidence of Use by Children? (Yes*/No)</b>	No
	<b>25 Evidence of Use for Secondary Contact Recreation? (Yes*/No)</b>	No

Use	Site parameter	Site ID #36-3
AL/R	<b>26 Additional Description</b>	Old abandoned house with lots of old cars and equipment on the upper left side. Some riprap present. Urban area on lower reach with rural homes along stream throughout reach.

AL = Aquatic Life

R = Recreation

\*If yes, elaborate.

## 27 Supplemental Data

Use	Site parameter	BioNet Site ID #297
AL/R	<b>Latitude, Longitude (DD)</b>	42.47138, -90.77612
AL/R	<b>Field Work Date</b>	8/14/2019
AL/R	<b>Average Depth (in)</b>	12.84
AL/R	<b>Maximum Depth (in)</b>	43.2
AL/R	<b>Pools Observed?</b>	Yes
AL only	<b>Non-Game Fish Present and Counts (Species: Number)</b>	Bigmouth shiner: 6 Bluntnose minnow: 1 Central stoneroller: 435 Common shiner: 118 Creek chub: 43 Fantail darter: 87 Fathead minnow: 3 Hornyhead chub: 10 Johnny darter: 15 Longnose dace: 24 Southern redbelly dace: 3 Suckermouth minnow: 3 Western blacknose dace: 3 White sucker: 209
	<b>Game Fish Present and Counts (Species (Size Range): Number)</b>	Largemouth bass (1-3"): 10 Largemouth bass (4-6"): 1 Bluegill (1-3"): 2
AL/R	<b>Additional Description</b>	<a href="https://programs.iowadnr.gov/bionet/Sites/297">https://programs.iowadnr.gov/bionet/Sites/297</a>

Desktop review verified that the UAA field work is still valid.

28 Map of Segment, Outfall, and Site(s)



## 29 Site Photos



Figure 1. 36-3 Recreational use assessment midpoint looking upstream.



Figure 2. 36-3 Recreational use assessment midpoint looking downstream.



**Figure 3. 36-3 Recreational use assessment upstream looking upstream.**



**Figure 4. 36-3 Recreational use assessment upstream looking downstream.**



**Figure 5. 36-3 Recreational use assessment downstream looking upstream.**



**Figure 6. 36-3 Recreational use assessment downstream looking downstream.**



Figure 7. 36-3 Bridge view looking north.



Figure 8. 36-3 Bridge view looking south.



**Figure 9. 36-3 Pool under bridge.**