

**AGENDA**

**Regular Drainage Meeting**

**Wednesday, May 18, 2022, 9:30 A.M.**

**This meeting will be held electronically and in-person.**

**To access the meeting call: 1-(312)-626-6799, when prompted enter meeting**

**ID code: 820 7567 2007**

**You can also access the meeting online at:**

**<https://us02web.zoom.us/j/82075672007>**

1. Open Meeting
2. Approve Agenda
3. Approve Claims For Payment

Documents:

[PAYABLES-DRAINAGE PUBLICATION 5-20-22.PDF](#)

4. DD 11 WO 331 - Discuss W Possible Action - Investigation Summary

Documents:

[DD 11 WO 331 INVESTIGATION SUMMARY.PDF](#)

5. Discuss W Possible Action - New Work Order Requests
6. Other Business
7. Adjourn Meeting



# Hardin County

Drainage Claims with Pay Date of 5/20/2022

Description	Vendor	Amount
DD 34 WO 324 Report on Investigation	Clapsaddle-Garber Assoc	361.60
DD BIG 4 LAT 4 REMOVAL OF 3 DAMS	South Fork Custom Fencing, LLC	1,070.00
DD 14 Attendance of Hearing on Eng. Report	Clapsaddle-Garber Assoc	2,982.15
DD 52 Review Materials Regarding Piel Debris	Dentons Davis Brown PC	275.00
DD 52 Observsation of repair of sinkhole and CCTV	Clapsaddle-Garber Assoc	1,663.10
DD 56 Construction Observation for Improvement	Clapsaddle-Garber Assoc	19,605.70
DD 88 Contacting Contractor for Repair of Blowout	Clapsaddle-Garber Assoc	423.60
DD 102 Final Reclassification of Main Tile/ Lats	Clapsaddle-Garber Assoc	534.00
DD 128 Contact Contractor and Investigate Lat 1/3	Clapsaddle-Garber Assoc	459.35
DD Big 4 Investigate of Broken Outlet	Clapsaddle-Garber Assoc	503.05

**Total Regular Payables:** 1,431.60  
**Total Stamped Warrants:** 26,445.95

## Drainage District:

#11

## Investigation/Repair Summary:

- Employee of landowner in town of Buckeye reported broken tile intake in Block 10.
- Visual observation found a 3 foot +/- diameter blowout/sinkhole around the 12 inch metal intake on Main tile with water visible swirling in intake above the Main tile itself.
- Downstream of intake in Block 10, there are several large maple trees in close proximity of the assumed Main tile route.

## Contractor Time and Materials (spent while CGA was on-site):

None as only visual observation was performed.

## Additional Actions Recommended:

Based on the swirling water and the blowout/sinkhole around the intake, it appears that the Main tile is restricted downstream of the intake. Due to the type and proximity of the trees, this is probably due to tree roots plugging the Main tile. Moving forward, it is our recommendation that the District Trustees proceed with one of the following actions:

- Verify that the roots are the cause of the Main tile restriction either through CCTV or location/excavation of the Main tile at intervals and perform repairs as needed based on these results.  
OR
- Assume that tree roots are the cause of the Main tile restriction and have all trees within 50 feet of the Main tile removed and the remaining stumps treated along with replacing the Main tile that is restricted.

It is our opinion that the costs of either of these options should be low enough that an Engineer's Report is not required by Iowa Code.





# Drainage Work Order Request For Repair

## Hardin County

Date: 5/9/2022

Work Order #: WO00000331

Drainage District: DDs\DD 11 (51024)

Sec-Twp-Rge: 23-88-22 Qtr Sec: \_\_\_\_\_

Location/GIS: 88-22-23-330-002

Requested By: Brooke

Contact Phone: (515) 855-8014

Contact Email: \_\_\_\_\_

Landowner (if different): \_\_\_\_\_

Description: DD 11 WO 331- Mid State Milling reports a broken tile intake on the west side of their building.

Repair labor, materials and equipment \_\_\_\_\_

Repaired By: \_\_\_\_\_ Date: \_\_\_\_\_

Please reference work order # and send statement for services to: **Hardin County Auditor's Office**  
Attn: Drainage Clerk  
1215 Edgington Ave, Suite 1  
Eldora, IA 50627  
Phone (641) 939-8111  
Fax (641) 939-8245

For Office Use Only

Approved: \_\_\_\_\_ Date: \_\_\_\_\_



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D.D. No. 11

882223330002

NAVT

# Inspector's Project Diary

Project: DD 11, HARDIN Co. City of BUCKEYE WO #331			
CGA PN:	Days Charged:	Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
Contractor: NA	WED.	Date: 5/11/22	LEE GAUNTINE
Superintendent: NA	Weather Conditions: HOT, HUMID, 2 days dry	Precip.: 0"	Temp. Hi: 92°
INSPECTOR: RANDY B.			Temp. Low: 70°
Time Arrived: 12:30	Time Left: 1:00	Contractor:	Time Left:
<p>1. General Remarks and Work Accomplished:</p> <p>ARRIVED @ 12" STEEL RISER @ NE CORNER OF SEMI PARKING LOT.</p> <p>SUCK HOUR 3/4 AROUND RISER, WATER OVER TOP OF CLAY MAIN, SWIRLING.</p> <p>IT HAS BLOCKAGE DOWNSTREAM. BIG 4'+ DIAMETER MAPLE TREES IN LOT DOWNSTREAM</p> <p>1 RISER AND 2 MORE STEEL 4" INTAKES TO SW QUAD. OF SECTS</p> <p>I'M SURE TILE IS LOADED WITH TREE ROOTS, BACKING UP WATER CAUSING BLOW-OUT @ 12" INTAKE.</p> <p>REMOVE TREES, REPLACE TILE, NOT CHEAP OR EASY FIX</p> <p>FIX, REPLACE INTAKE</p> <p>BROOKER: 515-855-8014 ; SHE SAID WATER POND IN GRASS AREA AND FORMED SINK HOLE.</p>			
2. Changes or Extra Work Ordered:			
3. Test Samples Taken:			
4. Visitors to Site:			
5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:			
6. Attachments (total sheets attached <u>0</u> ):			

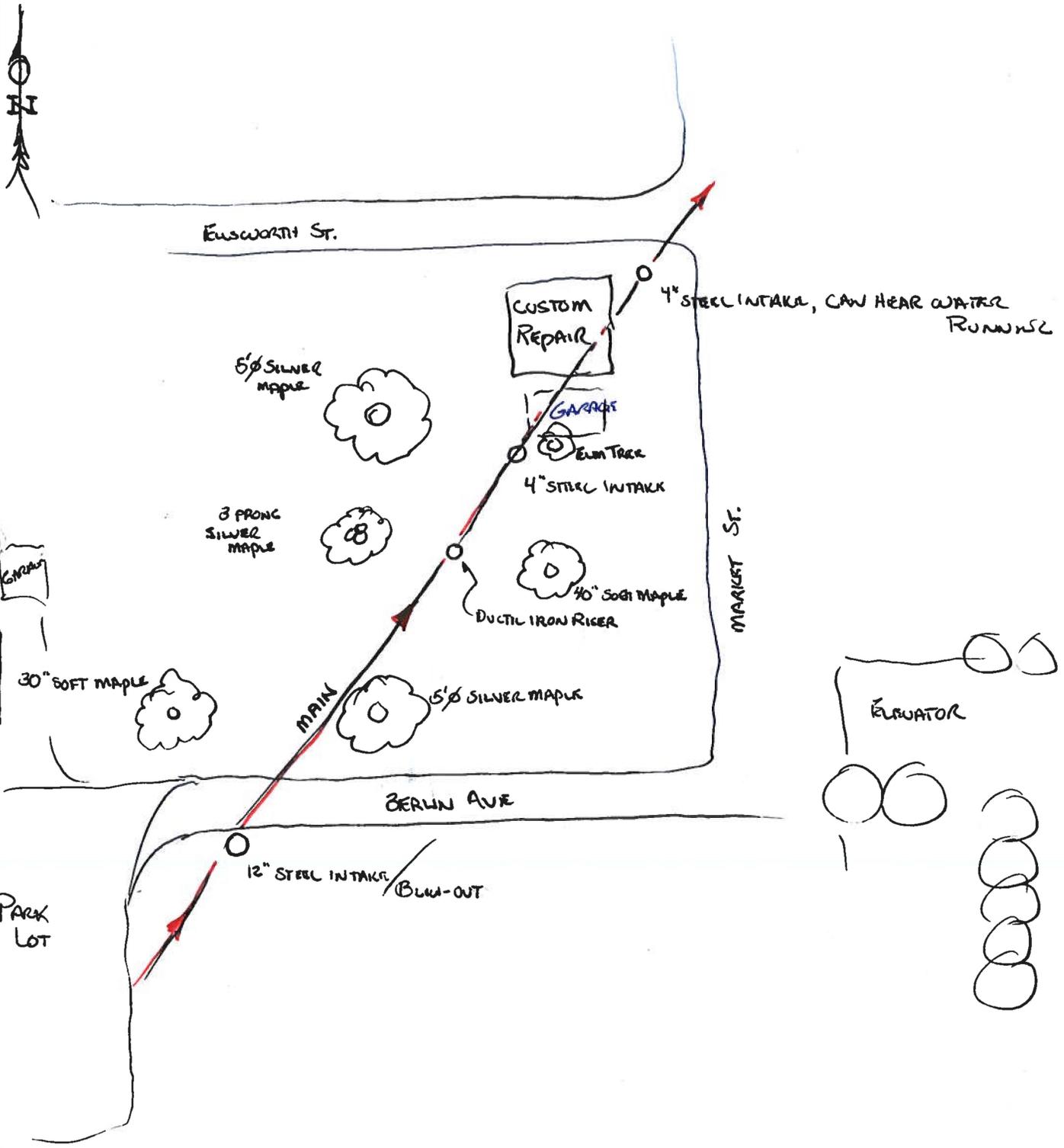
# Inspector's Project Diary (continued)

CGA PN:

Report No.

Date:

## 1. General Remarks and Work Accomplished (Continued):



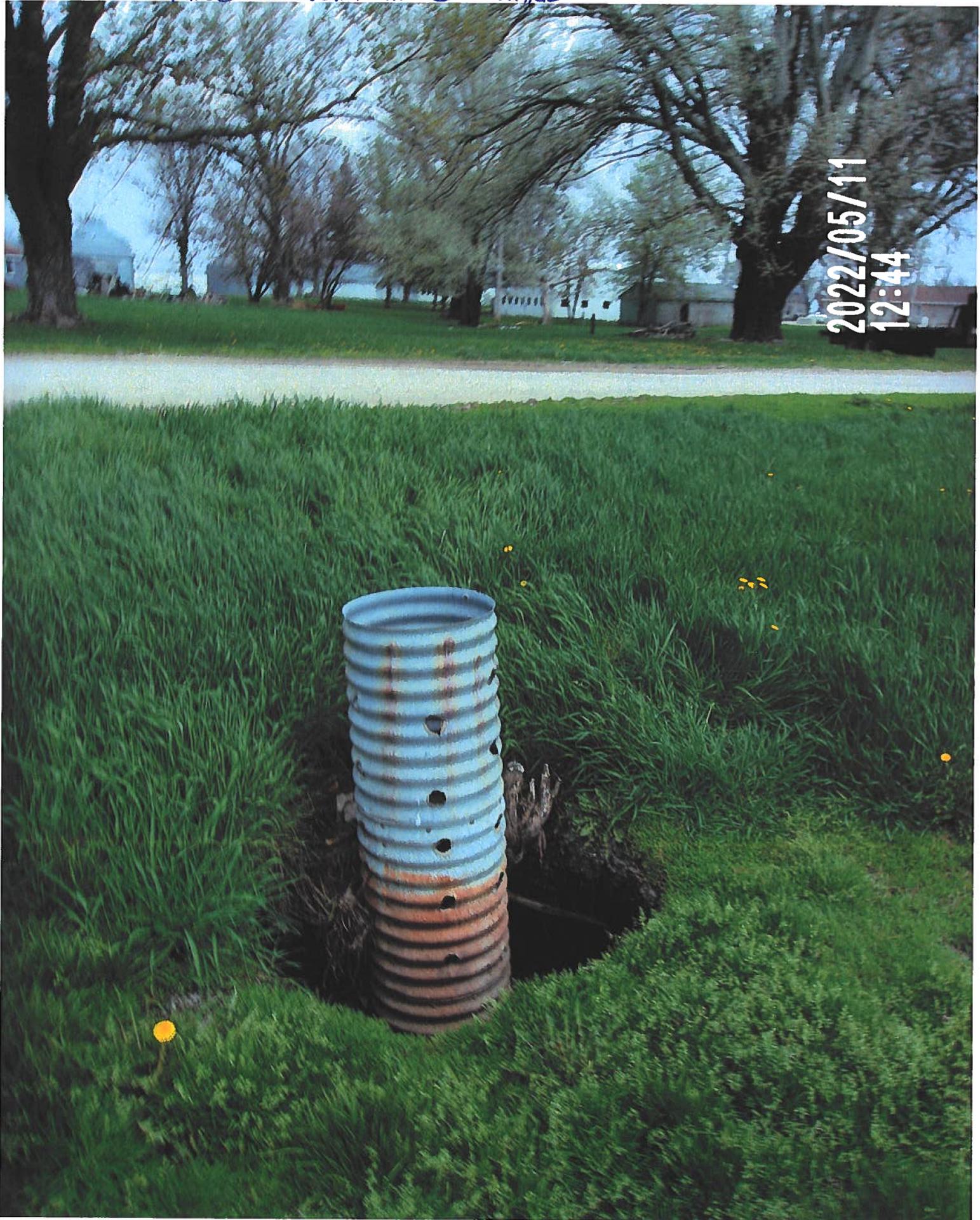
INTAKE ON S. SIDE BERLIN ST. AND NE COR SEMI; PARK LOT



2022/05/11  
12:44

LOOKING DOWNSTREAM @ INTAKE

2022/05/11  
12:44



INTAKE @ BERLIN AND PARK LOT

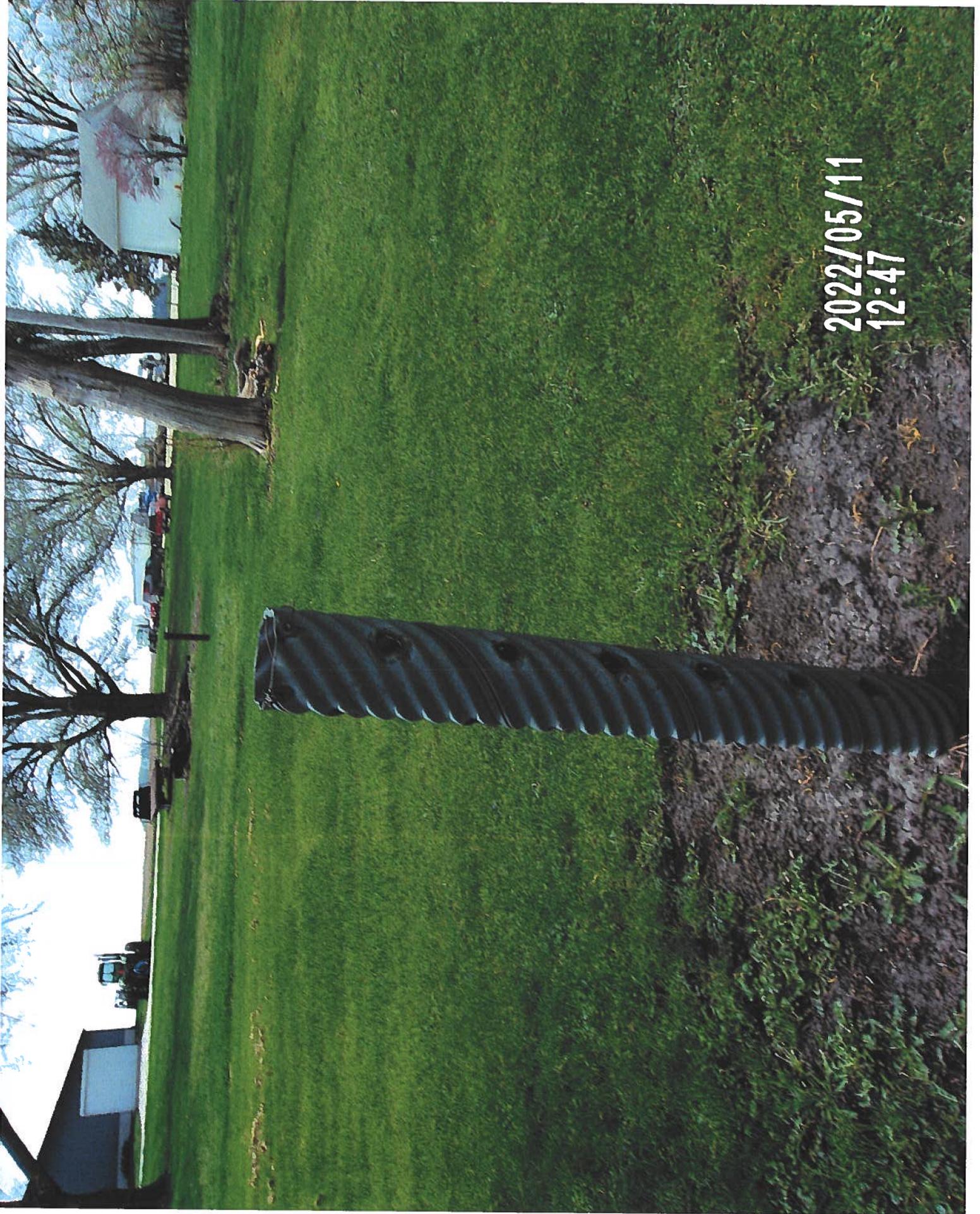


LOOKING DOWNSTREAM @ INTAKE BY SW COR. GARAGE

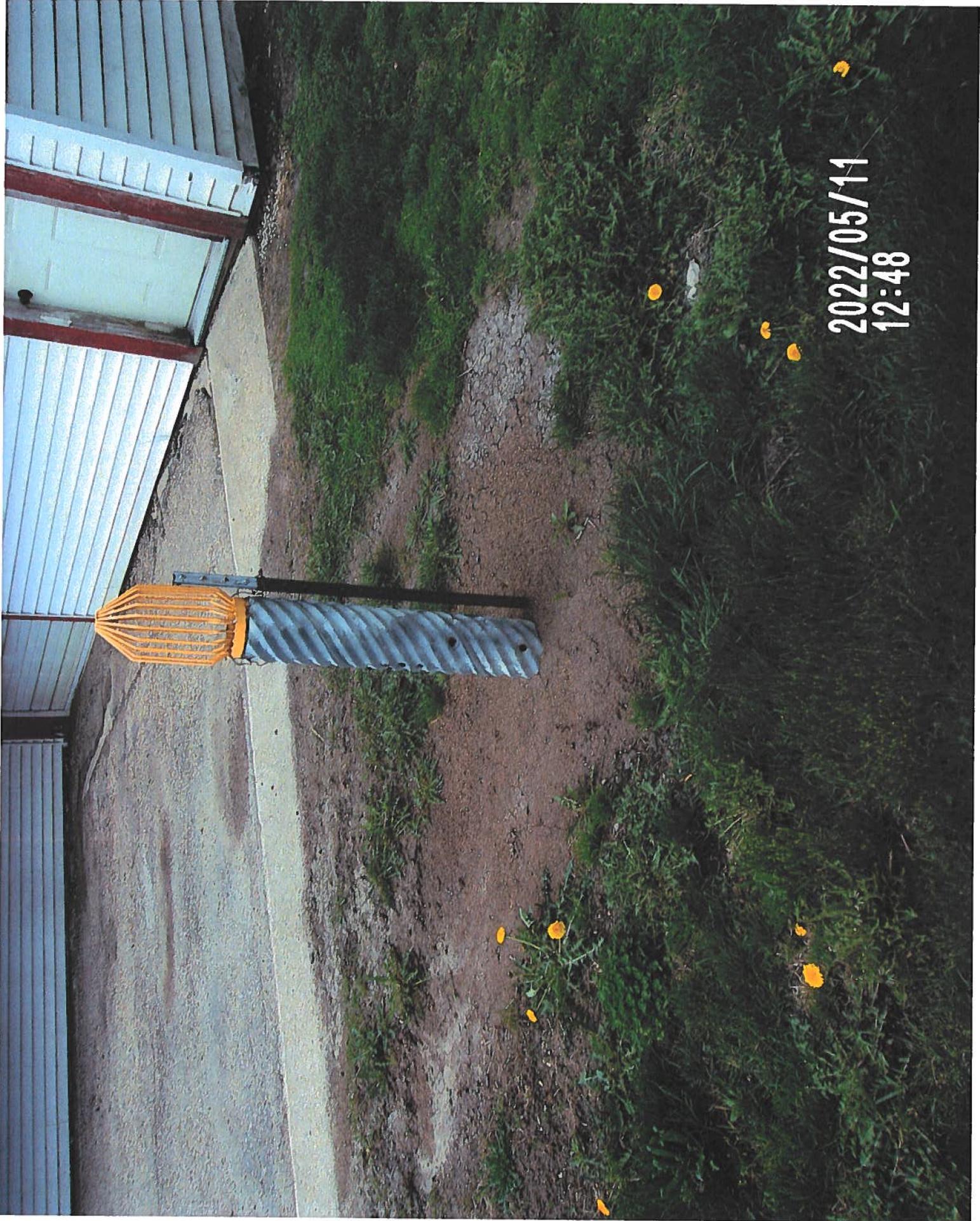


2022/05/11  
12:47

• Looking upstream from intake @ SW cor. GARAGE



INTAKE @ SW COR. FULSWORTH AND MARKET ST.



2022/05/11  
12:48