



**Phase II Municipalities
IDEP Reporting
On behalf of:**

Burton
Davison Twp.
Flint Twp.
Genesee County
Mt. Morris
Vienna Twp.

Clio
Fenton
Flushing
Grand Blanc
Mt Morris Twp.

Davison
Fenton Twp.
Genesee Twp.
Linden
Swartz Creek

***March 1, 2022-March 1, 2023
Reporting Period***

Prepared by:

***The Genesee County Drain Commissioner SWM
On behalf of Genesee County and contracted Communities***

This report summarizes activities completed for the period from March 1, 2022, to March 1, 2023, by the Genesee County Drain Commissioner's Office and the contracted Phase II Municipalities to meet the requirements of their National Pollutant Discharge Elimination System (NPDES) permit. This report is broken into six sections to coincide with the MI Waters website.

- PPP
- PEP
- **IDEP – Illicit Discharge Elimination Program**
- General Permit Requirements

The Illicit Discharge Elimination Plan (IDEP) is a program to eliminate illicit discharges and connections, including the discharge of sanitary wastewater, to Municipal Separate Storm Sewer System (MS4). The County agent through a contract with the referenced communities conducts dry weather screening of all municipal separate storm sewer system (MS4) outfalls and point of discharges.

Dry Weather testing is performed over the permit cycle. This section summarizes the IDEP activities including the ***illicit connections** identified during the 2022-2023 IDEP field investigations. Dry Weather Screening after February 15, 2022-Present will be reported in next reporting cycle.

Outfalls – Dry Weather Testing

Outfall ID	Owner	Receiving Waterbody	Priority	Date Investigated
7721760	GC School	Robinson & Curtis 0344	Low	4/7/2022
7721761	GC School	Robinson & Curtis 0344	Low	4/7/2022
7727755	GC School	Thread Creek, Pierson Branch 1319	Medium	4/7/2022
7727756	GC School	Thread Creek, Pierson Branch 1319	Low	4/7/2022
5625753	GC School	Municipal Storm Sewer	Low	4/29/2022
5625515	GC School	Municipal Storm Sewer	Low	4/29/2022
5625517	GC School	Municipal Storm Sewer	Low	4/29/2022
5626751	GC School	Municipal Storm Sewer	Low	4/29/2022
5626752	GC School	Municipal Storm Sewer	Low	4/29/2022
5635252	GC School	Shiawassee River	Low	4/29/2022
7731013	GC School	Gibson Drain 0423	Medium	5/6/2022
8526002	GC School	Municipal Storm Sewer	Low	4/29/2022
7614751	GC School	Municipal Storm Sewer	Medium	4/29/2022
9616999	GCRC	Pine Run	Low	1/12/2023
7614752	GC School	Municipal Storm Sewer	Medium	4/29/2022
5625518	GC School	Municipal Storm Sewer	Low	4/29/2022
5625520	GC School	Municipal Storm Sewer	Low	4/29/2022

8612253	C of Mt. Morris	Craven & Benson, Branch #1	Low	6/13/2022
7730757	C of Burton	Gibson Drain 0145	Low	3/29/2022
6601007	GCDC 0512	Sherwood 0162	Medium	4/27/2022
7701263	C of Burton	Brier Creek Drain 0130	Low	5/9/2022
7701264	C of Burton	Brier Creek Drain 0130	Low	5/9/2022
7701262	C of Burton	Brier Creek Drain 0130	Low	5/9/2022
7702753	C of Burton	Kearsley Creek	Low	5/9/2022
7501751	GCDC 1600	Messmore and Cronk 0464	Low	4/29/2022
7636251	GC School	church property	High	4/7/2022
7809781	GC School	Black Creek	Low	4/25/2022
7809782	GC School	Black Creek	Low	4/25/2022
7809784	GC School	Black Creek	Low	4/13/2022
7809785	GC School	Black Creek	Low	4/8/2022
7809786	GC School	Black Creek	Low	4/8/2022
7619502	GCDC 1454	Messmore & Cronk 0464	Low	4/18/2022
7524751	GCDC 1453	Cole Cr 0764	Low	4/18/2022
7524753	GCDC 1453	Cole Cr 0764	Low	4/18/2022
6705504	GCDC 1463	Gibson 0423	Low	1/10/2023
7736761	C of Burton	Gilkey Creek 0017	High	3/29/2022
5634754	GC School	Egyptian 0867	Low	4/29/2022
5634755	GC School	Egyptian 0867	Low	4/29/2022
5634756	GC School	Egyptian 0867	Low	4/29/2022
5634757	GC School	Egyptian 0867	Low	4/29/2022
5634758	GC School	Egyptian 0867	Low	4/29/2022
5634759	GC School	Egyptian 0867	Low	4/29/2022
7732253	C of	Thread Creek (via	Low	3/29/2022

	Burton	GCDC0320)		
6612260	GCRC	Sherwood Drain 0162	High	4/27/2022
6715524	GC School	Layman Drain 0385	High	10/4/2022
8711502	GCP&R	Flint River	Low	4/19/2022
7606253	GCRC	Flint River	High	4/29/2022
7606014	GCRC	Flint River	Low	4/29/2022
7712004	C of Burton	Kearsley Creek (through 0120 pipe)	Low	5/9/2022
9626013	GCRC	Benjamin Run	Low	1/12/2023
7810753	GC Schools	Black Creek	Low	4/25/2022
7736788	C of Burton	Gilkey Creek	Medium	3/29/2022
7735762	C of Burton	Thread Creek Pierson Br of 1319	High	3/29/2022
7733503	C of Burton	Thread Creek	High	3/22/2022
7733504	C of Burton	Thread Creek	High	3/22/2022
7731544	C of Burton	Gibson	Medium	3/22/2022
7731543	C of Burton	Gibson	Medium	3/22/2022
7731542	C of Burton	Gibson	Medium	3/22/2022
7731540	C of Burton	Gibson	Medium	3/22/2022
7731539	C of Burton	Gibson	Medium	3/22/2022
7731546	C of Burton	Sherwood	High	3/22/2022
7729509	C of Burton	Schram & Ext	High	3/22/2022
7728758	C of Burton	Thread Creek	High	3/22/2022
7728759	C of Burton	Thread Creek	High	3/22/2022
7727253	C of Burton	Robinson & Curtis	Low	3/29/2022
7727011	C of Burton	Thread Cr, Pierson Branch	Medium	3/29/2022
7727013	C of Burton	Thread Cr, Pierson Branch	Medium	3/22/2022
7726256	C of Burton	Gilkey Creek	Medium	3/29/2022
7723764	C of Burton	Coats Ext of Gilkey	Medium	3/29/2022
7723761	C of Burton	Coats Ext of Gilkey	Medium	3/29/2022

7723763	C of Burton	Coats Ext of Gilkey	Medium	3/29/2022
7723762	C of Burton	Coats Ext of Gilkey	Medium	3/29/2022
7722754	C of Burton	Robinson & Curtis	Low	3/29/2022
7729253	C of Burton	Schram	Low	3/29/2022
6502306	GC School	Swartz Creek via 0186	Low	4/11/2022
7809787	GC School	Black Creek	Low	4/8/2022
7809775	GC School	Black Creek	Low	4/8/2022
7809774	GC Schools	Black Creek	Low	4/8/2022
7809773	GC School	Black Creek	Low	4/8/2022
7809772	GC Schools	Black Creek	Low	4/8/2022
7727753	GC School	Thread Creek - Pierson Branch 1319	High	4/7/2022
7727761	GC School	Thread Creek -Pierson Branch 1319	High	4/7/2022
7727762	GC School	Thread Creek -Pierson Branch 1319	High	4/7/2022
7727760	GC School	Thread Creek -Pierson Branch 1319	Low	4/7/2022
7810754	GC School	Black Creek	Low	4/25/2022
7809788	GC Schools	Black Creek	Low	4/25/2022
5635256	GC School	Shiawassee River	Low	4/29/2022
5635255	GC School	Shiawassee River	Low	4/29/2022
5634760	GC School	Egyptian 0867	Low	4/29/2022
5634761	GC School	Egyptian 0867	Low	4/29/2022
8726517	GC School	Crampton Drain 0012	Low	4/29/2022
8726511	GC School		Low	4/29/2022
6723510	GCRC	Layman, Cook Rd 0710	Low	5/13/2022
6723511	GCRC	Layman, Cook Rd 0710	Low	5/13/2022
6722762	GCRC	Layman, Cook Rd 0710	Low	5/13/2022
6722761	GCRC	Layman, Cook Rd 0710	Low	5/13/2022
6710503	GC School	Thread Creek	Medium	5/13/2022

6705521	GC School	Gibson Drain 0423	High	5/13/2022
6705522	GC School	Gibson Drain 0423	High	5/13/2022
9827758	GCRC	Parker Scothan Br 1 0437	Low	5/10/2022
7627501	GCDC 0876	Swartz Creek	High	4/27/2022
7631251	C of Swartz Cr	Swartz Creek, West Br 0122	Medium	5/12/2022
6502257	C of Swartz Cr	Swartz Creek, West Branch 0122	Medium	5/12/2022
8706506	C of Mt. Morris	Benjamin Run Tributary	Medium	5/12/2022
8706507	C of Mt Morris	Benjamin Run Tributary	Medium	6/6/2022
6722251	C of GrandB	Smith Lake 0710	High	5/25/2022
7818504	GCDC 0414	Phillips 0080	Medium	5/25/2022
7724754	GCDC 0556	Phillips Drain 0080	Medium	5/25/2022
8835501	GCDC 0014	Cullen and Powers 0014	High	5/25/2022
6715522	GC School	Layman Drain 0385	High	5/25/2022
6805502	GCDC 1466	Lesalle Dr 0224	High	5/25/2022
6729752	GCRC	Seaver Drain Tributary	High	5/25/2022
6701505	GCRC	thread Cr, Wakefield Br 0412	High	5/25/2022
7832501	GCRC	Kearsley Creek thru wetland	Medium	5/25/2022
9723501	GCDC 0027	Jobson Drain 0027	High	5/31/2022
7809513	C of Davison	Long Lake	Medium	5/31/2022
8826001	GCDC 0002	Bird Drain 0002	High	5/31/2022
7712260	GCDC 0264	Kearsley Creek	Medium	5/6/2022
8828501	GCDC 0576	Cullen and Powers 0014	High	5/31/2022
5616252	GCDC 0058	Loon Lake- Shiawassee	Medium	5/31/2022
7808251	GCDC 0862	Black Creek 0704	High	5/31/2022
8727754	GCRC	Crampton 0012	Medium	5/31/2022
8734753	GCDC 0384	Kearsley Cr	Medium	5/31/2022
8706503	C of Mt.	Benjamin Run Tributary	Medium	6/6/2022

	Morris			
*6720751	GCDC 0477	Deaver, Branch of 1218	High	5/25/2022
5613501	GCDC 0717	Parker Lake	Medium	6/1/2022
6608656	GCDC 0167	Bloss 0167	High	6/1/2022
5602506	GC School	Dawe Dr 0257	Medium	6/23/2022
6708511	GC School	Gibson, Reid Road Branch 0313	High	5/25/2022
6715523	GC School	Layman Drain 0385	High	6/23/2022
9732251	GCDC 0571	Lewis & Powers Drain 1039	Medium	6/1/2022
6710508	C of GrandB	Thread Creek	Medium	6/23/2022
6716254	C of GrandB	Mancour Drain 1061	Low	6/23/2022
7704252	GC School	-83.6454	High	5/6/2022
6715515	C of GrandB	Layman Drain 0385	Medium	6/23/2022
6715010	C of GrandB	Mancour Drain 1061	Medium	6/23/2022
7718007	GC motorpool	Flint River (via City Flint)	High	6/28/2022
7810263	GC Schools	Black Creek	High	6/28/2022
7718006	GC B&G05	C of Flint- Flint River	High	6/28/2022
9615254	GCDC 1560	Collins Drain 0025	Low	6/30/2022
9615256	GCDC 1560	Collins Drain 0025	Low	6/30/2022
9615255	GCDC 1560	Collins Drain 0025	Low	6/30/2022
6705505	GC school	Gibson 0423	High	5/13/2022
7832001	GCRC	Lobban drain	Low	7/11/2022
7832002	GCRC	Lobban drain	Low	7/11/2022
7831251	GCRC	Tributary to Phillips drain	Low	7/11/2022
7831252	GCRC	Tributary to Phillips drain	Low	7/11/2022
6722754	GC School	Layman, Crosby Branch 0710	High	7/11/2022
6722752	GC School	Layman, Crosby Br 0710	High	7/11/2022
6710512	C of GrandB	Thread Creek	Medium	6/23/2022
*7816501	GCDC	MDOT to Black Creek	Medium	5/25/2022

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7829003	GCRC	Lobban Drain 0300	Low	7/11/2022
7721255	GCDC 0231	Robinson & Curtis 0344	Medium	5/25/2022
7704251	GC School	-83.6454	High	7/11/2022
7721001	GC School	Thread Creek	High	5/6/2022
6624751	GCDC 1595	Swartz Creek	Low	7/27/2022
6602257	GC School	Call Ext 0767	Medium	5/10/2022
8827263	GCDC 0002	Bird Drain 0002	High	7/28/2022
7717501	GC School	Swartz Creek	Medium	7/28/2022
7717502	GC School	Swartz Creek	Medium	7/28/2022
6705007	GCDC 0912	Gibson Drain 0423	Low	8/3/2022
6705021	GCDC 0912	Gibson Drain 0423	Low	8/3/2022
6705005	GCDC 0912	Gibson Drain 0423	Low	8/3/2022
6705017	GCDC 0912	Gibson Drain 0423	Low	8/3/2022
6502004	C of Swartz Cr	Swartz Creek, West Branch 0122	Medium	8/3/2022
6502001	C of Swartz Cr	Swartz Creek, West Branch 0122	Medium	8/3/2022
8631253	GCRC	GCDC (via private storm)	Low	8/5/2022
8631747	GCRC	Blackmore 0005	Low	8/5/2022
8631745	GCRC	Blackmore 0005	Low	8/5/2022
7624751	GC School	MDOT	High	7/21/2022
8536004	GCDC 1431	Flint River	High	7/27/2022
6715526	GC School	Layman Drain 0385	High	8/3/2022
6715527	GC School	Layman Drain 0385	High	8/3/2022
8526519	GC School	Municipal Storm Sewer	Low	4/29/2022
6705501	GCDC 1463	Gibson Drain 0423	Low	8/16/2022
8526518	GC School	Municipal Storm Sewer	Low	4/29/2022
8526520	GC School	Municipal Storm Sewer	Low	4/29/2022
7809783	GC	Black Creek	Low	4/13/2022

	School			
*9833251	GCDC 1125	Parker & Scothan 0036	High	7/27/2022
7810030	C of Davison	Black Creek 0704	Medium	8/17/2022
*5625506	C of Fenton	Shiawassee River	Medium	3/14/2022
6715531	GC School	Layman Drain 0385	High	8/3/2022
6715528	GC School	Layman Drain 0385	High	8/3/2022
6502275	C of Swartz Cr	Swartz Creek, West Branch	Low	8/16/2022
6502277	C of Swartz Cr	Swartz Creek, West Branch	Low	8/16/2022
6502278	C of Swartz Cr	Swartz Creek, West Branch	Low	8/16/2022
6708510	GC School	Gibson, Reid Road Branch 0313	High	6/23/2022
6623253	GCDC 1640	Swartz Creek	Low	8/19/2022
6623252	GCDC 0739	Swartz Creek	Low	8/19/2022
*6705523	GC School	Gibson Drain 0423	Medium	8/3/2022
*6502454	GCDC 0371	West Br Swartz Creek	Medium	8/3/2022
6735251	GCDC 1637	Groat 0681	Low	8/24/2022
7633510	GCRC	Howland Drain	Medium	8/24/2022
6604002	GCRC	Howland Drain 0382	Medium	8/24/2022
6604001	GCRC	Howland Drain 0382	Medium	8/24/2022
6604003	GCRC	Hewitt Drain 0018	Low	8/24/2022
6603751	GCDC 0286	George Drain	Low	8/24/2022
5611254	Fenton Twp	Lake Fenton	Medium	8/24/2022
5611255	Fenton Twp	Lake Fenton	Medium	8/24/2022
*5636040	C of Fenton	Shiawassee River	Medium	8/24/2022
5636032	C of Fenton	Shiawassee River	Medium	8/24/2022
7610251	Flint Twp	Flint River Tributary	Medium	8/24/2022
8534254	C of Flushing	Cole Creek 0764	Medium	8/24/2022
8534011	C of Flushing	Cole Creek 0764	Medium	8/24/2022
8526770	C of Flushing	Flint River Tributary	Medium	8/24/2022

8536260	C of Flushing	Flint River	Medium	8/24/2022
8526515	C of Flushing	Flint River Tributary	Medium	8/24/2022
9622002	Vienna Township	Haven & Dexter Street Outlet	Low	8/24/2022
9622003	Vienna Township	Haven & Dexter Street Outlet	Low	8/24/2022
6735252	GCDC 1637	Groat 0681	Low	9/8/2022
6735253	GCDC 1637	Groat 0681	Low	9/8/2022
6735254	GCDC 1637	Groat 0681	Low	9/8/2022
6735258	GCDC 1461	Groat 0681	Low	9/8/2022
6735255	GCDC 1637	Groat 0681	Low	9/8/2022
6736508	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736507	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736506	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736504	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736505	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736753	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736754	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736755	GCDC 1637	Slack Lake 0063	Low	9/8/2022
6736752	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736751	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736503	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736501	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736251	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736002	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736001	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736003	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6736004	GCDC	Slack Lake 0063	Low	9/9/2022

	1637			
6735256	GCDC 1461	Groat 0681	Low	9/9/2022
6735257	GCDC 1461	Groat 0681	Low	9/9/2022
6736502	GCDC 1637	Slack Lake 0063	Low	9/9/2022
6614504	GCDC 1660	Swartz Creek	Low	9/15/2022
6614503	GCDC 1660	Swartz Creek	Low	9/15/2022
6614502	GCDC 1660	Swartz Creek	Low	9/15/2022
6623004	GCRC	Brewer, Torrey rd Br 0880	Low	9/15/2022
6623005	GCRC	Brewer, Torrey rd Br 0880	Low	9/15/2022
6623006	GCRC	Brewer, Torrey rd Br 0880	Low	9/15/2022
6736005	GCDC 1637	Slack Lake 0063	Low	9/8/2022
7733760	C of Burton	Thread Creek	High	9/20/2022
7729759	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7729760	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7729751	C of Burton	Thread Creek (via GCDC1380)	Low	10/5/2022
7729752	C of Burton	Thread Creek (via GCDC1380)	Low	10/5/2022
7729506	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7729505	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7730763	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7730761	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7729754	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7730760	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7731253	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7731254	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7809001	Davison Twp	Stockman Drain 0659	Medium	10/4/2022
7730753	C of Burton	Gibson Drain 0145	High	9/20/2022
7731255	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022

*6501105	GCDC 1271	West Br Swartz Creek	Medium	10/25/2022
7707752	GC School	Gilkey Creek	Medium	10/25/2022
7729755	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7729756	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7729753	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7730762	C of Burton	Gibson Creek (via GC0145)	Low	11/3/2022
7731256	C of Burton	Gibson Creek (via GC0145)	Low	10/5/2022
7732004	C of Burton	Gibson Creek (via GC0145)	Low	11/3/2022
7732001	C of Burton	Gibson Drain 0145	Low	11/3/2022
7732005	C of Burton	Gibson Creek (via GC0145)	Low	11/3/2022
7732006	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7732007	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7732009	C of Burton	Gibson Creek (via GC0320)	Low	11/3/2022
7732008	C of Burton	Gibson Creek (via GC0320)	Low	11/3/2022
7732011	C of Burton	Gibson Creek (via GC0320)	Low	11/3/2022
7732010	C of Burton	Gibson Creek (via GC0320)	Low	11/3/2022
7732012	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7732013	C of Burton	Thread Creek (via GCDC0320)	Low	11/3/2022
7729757	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
6501004	C of Swartz Cr	Swartz Creek, West Branch	Low	11/10/2022
8622254	GCRC	Daly Drain 0420	Low	11/9/2022
8622253	GCRC	Daly Drain 0420	Low	11/9/2022
5634274	GCDC 0867	Egyptian Drain	High	11/9/2022
7729758	C of Burton	Thread Creek (via GCDC0320)	Low	10/5/2022
7731257	C of Burton	Gibson Creek (via GC0145)	Low	11/3/2022
7702768	C of Burton	Kearsley Creek	Low	5/9/2022

7712003	C of Burton	Kearsley Creek (through 0120 pipe)	Low	11/9/2022
7712002	C of Burton	Kearsley Creek (through 0120 pipe)	Low	11/9/2022
7712001	C of Burton	Kearsley Creek (through 0120 pipe)	Low	11/9/2022
7701259	C of Burton	Brier Creek Drain 0130	Low	11/9/2022
*7810504	C of Davison	Black Creek 0704	Low	10/25/2022
*7810028	C of Davison	Black Creek 0704	High	10/25/2022
*7810046	C of Davison	Black Creek 0704	Medium	10/25/2022
7710783	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710780	City of Burton	Gilkey Creek 0017	Low	11/9/2022
7710781	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710782	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710787	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710786	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710785	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7710784	C of Burton	Gilkey Creek 0017	Low	11/9/2022
7714753	C of Burton	Gilkey 0042	Low	11/9/2022
7714752	C of Burton	Gilkey 0182	Low	11/9/2022

*Dry weather testing that resulted in follow up that may be an illicit discharge
and reported to GCDC-SWM

**Follow up from Incident Reports from Tetra Tech
Or illicit discharges reported from public.**

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
5620001-CW City Linden	City Linden. Sec- 20 106 W Rolston Rd	On 10/21/2020: EGLE contacted GCDC. Car wash water getting into City's storm drains. follow up done by City with GCDC help. Repairs were supposed to have already been made. Car wash installed bumper into direct rinse water dripping off cars into grass.	ON GOING
5620519 City Linden	City Linden. Sec- 20 West of N. Bridge Street	On 9-7-17: Tetra Tech Sampled dry weather flow from 24" RCP discharging into Shiawassee River. Lab results showed high level of E. Coli and surfactant. Tetra tech tested upstream. No connection found. Isolated discharge.	ON GOING
5621003 GCDC	Fenton Twp Sect 21	9/14/2020 dry weather screened and showed high E. coli. > 2419. Tetra Tech conducted a follow-up inspection below action level. Closed Staff investigation found upstream illicit discharge 3/2/22. Follow-up reported in next reporting cycle.	ONGOING
5625506 City of Fenton	City of Fenton Sect 25	GCDC emailed on 3/9/2022 requesting Tetra Tech to follow up on elevated E.coli observed at this outfall. Tetra Tech revisited the outfall and two upstream points on 3/14/2022. DWF was found at all three structures and samples were taken. Lab results from all samples on pipeline showed that E. Coli was below 1000 at all locations. Determined that there is no longer an issue at this outfall. EGLE requested that the outfall be revisited once more. Outfall as revisited on 7/27/2022 and field crews noted some sewage odors. While the E.coli was elevated at the site, it was below the threshold. Recommend one more revisit.	ON GOING/CITY TAKING THIS OVER
5636040 City of Fenton	City of Fenton Sect 36	The outfall was initially visited on 8/24/2022 and an odor was noted in the sample. The outfall was given a status of revisit site to double check. The site was revisited, and the odor remained. The odor was no longer detected at 5636040-3. At structure 5636040-4, A floatable was observed in the bottom of the structure. Photos and notes about the floatable were reviewed and it could not be identified.	ON GOING/CITY TAKING THIS OVER

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
6501105 GCDC	City of Swartz Creek Sect 1	This outfall tested above the threshold for E.coli and Ammonia. A follow up investigation is needed to narrow down the source. A follow up investigation was done on 11/10/2022 and the outfall again tested above the threshold for Ammonia and E.coli. On the day of the visit, no upstream structure/pipe had DWF. Recommended next steps is to check for updated construction drawings. If none can be found, the pipeline should be CCTV-ed. 1/26/23 Letters to dye test homes upstream of this outfall have been sent out.	ON GOING
6502454 GCDC	City of Swartz Creek Sect 2	This outfall was visited on 8/3/2022 and tested above for both E.coli and Ammonia. The outfall also had elevated E.coli in 2016. Outfall was revisited on 8/16/2022 and the upstream structures were visited. The structures on Fairchild rd. were paved over and sealed shut. They were perforated and could see that there was standing water in every structure upstream. The sample taken on the revisit showed that the ammonia and surfactants were above the threshold. Recommend videoing the line to determine if there is an illicit connection.	ON GOING
6601757 GCDC	Mundy Twp Sect 1	Updates: 1/17/2023, Burger King dye tested: floor drains did not come out the sanitary or the storm, restroom toilet was connected to the sanitary. 1/25/2023: Both lines were videoed by our crew, 2 connections were found in 6601757A-2 however they both appear to be roof drainage. Next steps, I will be contacting the Speedway here to dye test.	ON GOING
6601760 GCDC	Mundy Twp Sect 1 72" pipe West Of Home Depot	10/7/2021 Tetra tech Tetra tech dry weather screened Below action but they observed sheen on water. GCDC Staff had been out at this location on 9/13/2021, 11/12/2021 & 11/18/2021 and observed no sheen. During investigation, property owner upstream complained of flooding. Investigation shows interior floor drain connection. Working with owner to remove.	CLOSED
6704008-APT GCDC	Grand Blanc Section 4	7/29/2021 Owner Called because basement apartment flooded. GCDC video'ed storm. Owner difficult to contact to arrange dye test. 8/31/2021. Confirmed 2 of 4 buildings had floor	ON GOING

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
		drains connected to storm. Trying to contact owner for confirmation of floor drains being connected.	
6705523 GC Schools	Grand Blanc Twp Sect 5	Site was visited on 8/3/2022 and tested above the threshold for E.coli. It was added to the list of revisits. The outfall was revisited on 8/16/2022 and had a very slow drip. A sample was taken and the upstream structures were visited. Both upstream structures had standing water in the sump and dry incoming pipes. No upstream samples were taken. During the revisit, a small amount of E.coli was detected in the sample. Due to what was observed in the field, it is recommended that the upstream system be vactored/jetted and then the outfall revisited.	ON GOING
6708005 GCDC	Grand Blanc Twp Sect 8	This outfall tested above the threshold for E.coli. A follow up investigation is needed to narrow down the source. This outfall was revisited and low amounts of E.coli were detected in the sample. Two structures upstream had low pHs. The NRCS web soil survey was referenced and it was found that the area surrounding the structures has hydric soil. This could be the reason, the pH of the water was below 7. The outfall was revisited and rescreened on 11/9/2022. Again the E.coli tested below the threshold. It is recommended that the outfall be revisited in the Spring/Summer to check that it is not an issue.	ON GOING/REVISIT SPRING 2023
6717751 GCDC	Grand Blanc Twp Sect 17	Outfall tested above threshold for ammonia.	ON GOING
6720751 GCDC	Grand Blanc TWP Sect 20 Dungarvin Dr.	Outfall tested above the threshold for Surfactants. An upstream investigation found suds and sewage odors in the coming pipe at structure 6720751-3. Two homes dye tested/ruled out, two more need to be scheduled.	ON GOING
6722003 GCRC	Grand Blanc Twp Sect 22	Outfall tested above threshold for ammonia.	ON GOING
6728007 GCDC	Grand Blanc Twp Sect 28	The outfall is along the freeway and only the upstream structures 6728007-1, 6728007-2 and 6728007-3 were visited. The pipe coming in from the North at 6728007-1 tested above the	ON GOING

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
		threshold for surfactants. The upstream structure 6728007-3 was screened but not sampled. Based on the drain drawings, there are no additional structures upstream of 6728007-3. Based on aerial imagery, it looks like there are 2 businesses upstream, a church, and one or two residential homes.	
7604004 GCRC	Flint Twp Sect 4	Sheen present on outfall visit, revisit needed.	ON GOING
7604245 GCRC	Flint Twp Sect 4	Reinvestigated on 9/30/2021 - Recommend a follow up visit to investigate the high E.coli. Suggest checking the sanitary location and depth. Also possible that an old septic system is leaking. This is a rural area with not a lot around. E.coli could also be coming from upstream marshy area with wildlife (birds/ducks). Outfall was revisited on 3/29/2022. E.coli levels in all of the samples taken were low however, bright green algae was found in an upstream ditch. The algae has created a cause for concern and is being looked into.	ON GOING
7610757 GCDC	Flint twp Section 10	Tetra tech Dry Weather Screening found high Ecoli. Tetra Tech performed followup testing upstream. Working on Dye testing to determine connection(s)	ON GOING
7611253 GC Schools	City of Flint Sect 11	Upstream inlet full to the top, needs to be addressed.	ON GOING
7633511 GCDC	City of Flint Sect 33	Outfall tested above threshold for ammonia 2x, recycle company nearby.	ON GOING
7714003 GCDC	City Burton Section 14 Raymond St	Tetra tech Dry Weather Screening found high Ecoli. Tetra Tech performed followup testing upstream. Working on Dye testing to determine connection(s)	ON GOING
7721254 GCDC	City of Flint Sect 21	Outfall tested above threshold for e.coli. Jet/vac'd line and retested (removed dead raccoon). Retest was negative for e. coli.	CLOSED
7810028 City of Davison	City of Davison Sect 10	Outfall was visited in 2016 and tested above the threshold. This outfall was revisited on 10/25/2022. When it was revisited, the outfall tested above the threshold for surfactants and grey slime was noted in the pipe. Two issues are suspected. The first is the power washing that was observed at 211 Rising and	ON GOING/CLOSED.

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
		<p>soap bubbles and flow in the downstream structure. It is recommended that the county reach out to the business owner to discuss good housekeeping practices.</p> <p>The second issue stems from the sewage odors and grey slime observed in the structures. This indicates a possible illicit discharge. Before a follow up investigation is done, it is recommended that the entire system be mapped out. Then based on the extent of the system, dye testing or CCTV-ing the system is recommended as the next step.</p>	
7810046 City of Davison	City of Davison Sect 10	<p>Outfall was visited in 2016 and tested above the threshold. This outfall was revisited on 10/25/2022 and it again tested high for E.coli. An upstream structure (7810046-2S) had sewage odors and tested above the threshold for E.coli as well as ammonia. (The ammonia was measured at 29,000 ug/L.) Suspect that an illicit discharge is upstream of this pipe. Recommend Dye testing the 5 homes on Main St. (Between Clark St and Lexington St) or if preferred, CCTV-ing the sewer line.</p> <p>From City DPW: "Wanted to up-date you with five homes located between Clark St and Lexington St on Main St, we have entered all five addresses looked around homes and dye tested sanitary line and found no illicit discharge. Today (1-31-2023) we camera storm sewer line found no illicit discharge into storm."</p>	ON GOING
7810504 City of Davison	City of Davison Sect 10	<p>Outfall was visited in 2016 and tested above the threshold.</p> <p>This outfall was revisited on Oct 25, 2022 and there was no DWF. No deposits/odors/animal presence were noted at the outfall or in the upstream structure.</p>	ON GOING/REVISIT AFTER RAIN EVENT
7816501 GCDC	Davison Twp Sect 16	<p>Ammonia tested above the threshold at this outfall. Needs to be revisited and an upstream investigation done to narrow down the source.</p> <p>This outfall was revisited and an upstream investigation was done. On the revisit, lower levels of ammonia were detected at the outfall however upstream at structure 7816501-4, in the pipe from the south, the level of E.coli in the</p>	ON GOING

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
		sample exceeded the threshold. There are 10 homes upstream of this structure and it is recommended that they be dye tested.	
8527862 City of Flushing	City of Flushing Sect 27	<p>Outfall/MS4 owned by Flushing. Has E.coli levels above threshold.</p> <p>The outfall was revisited on 10/25/2022 and it again tested high for E.coli as well as ammonia. Racoon scat was found in several upstream structures.</p> <p>Next Steps: it is recommended that the upstream system be cleaned and then retested using a DNA to see if the elevated E.coli is from a human or an animal.</p> <p>City of Flushing reported cleaning this outfall on 1/9/2023.</p> <p>Tetra Tech revisited the outfall on 1/10/2023 and took a sample for DNA testing. Lab results (from BA) indicate that the E.coli was still above the threshold at the outfall. The DNA test indicates that human DNA was detected in the sample. Recommended next steps is for the City of Flushing to televise the upstream system.</p> <p>2/6/23 - City of flushing removed illicit connection found during their TV on 2/3/23.</p>	RESOLVED/RETEST SCHEDULED 3/2023.
8612001 GCDC	Mt Morris Section 12	Tetra tech Dry Weather Screening found high Ecoli. Tetra Tech will be performing followup testing upstream into next permit cycle.	ON GOING
8628508 GCRC	Mt Morris Twp Sect 28	Outfall had a sheen present during screening. Revisit 2023.	ON GOING
9614751 GCDC	Vienna twp Section 14 Vienna Rd	Petroleum/Gas odors were smelled at this outfall. A gas station is located upstream at 12018 Liberty Rd. On EGLE's Environmental Online Mapper, the gas station has been identified as a site of environmental contamination. The gas station could be the source of the smell. Due to the odor a follow up is recommended at this outfall.	ON GOING
9615261 GCRC	Vienna Twp Section 15 Clio Rd	Petroleum/Gas odors were smelled at this outfall. A gas station is located upstream at 12278 Clio Rd. On EGLE's Environmental Online Mapper, a leaking underground storage tank (Part 213 Open) is located at the upstream gas station. This could be the source of the smell. No sheens or petroleum floatables were observed at	ON GOING

Outfall ID Owner	Location	Background and follow up inspection	Results and Comments
		the site. Due to the odor and location of leaking underground tank, follow up is recommended at this outfall.	
9616502 GCDC	Vienna Twp Sect 16	Outfall tested above threshold for surfactants during dry weather testing.	ON GOING
9623509 GCDC	Vienna Twp Sect 23	Outfall tested above threshold for surfactants during dry weather testing.	ON GOING
9719003 GCRC	Thetford Twp Sect 19	Repeat detergent smell, was not present on last visit.	CLOSED
9833251 GCDC	Forest Twp Sect 33	Outfall tested above threshold for e. coli 2x, revisit spring 2023.	ON GOING

Of 301 new dry weather screenings in this reporting cycle, there were 11 that resulted in follow up.

IDEP Change / Add / Delete form

Date 10.19.2022

Current Conditions

Structure # 5527252

Owner GCPC

Change

Addition: New # _____

Delete

Explanation: per Tt DWS 7/28/2021 water

Abrog North to outfall 5527251 confirmed with
Contours. Remove outfall.

- No map provided

Changed in GIS

Storm Line N/A

Municipal line

Municipal Outfall

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

IDEP Change / Add / Delete form

Date 8/19/2022

Current Conditions

Structure # 56002002

Owner GCDC > Private

Change

Addition: New # _____

Delete

Explanation: Dr office Petitioned - no easements / no
final no \$ specton construction. Exist pipe is
private tile drains low area to Dewe Dr.

Changed in GIS

Storm Line change to private / fix plans

Municipal line Remove

Municipal Outfall Remove

Scanned to IDEP Files 8/19 - maps attach to digital file

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

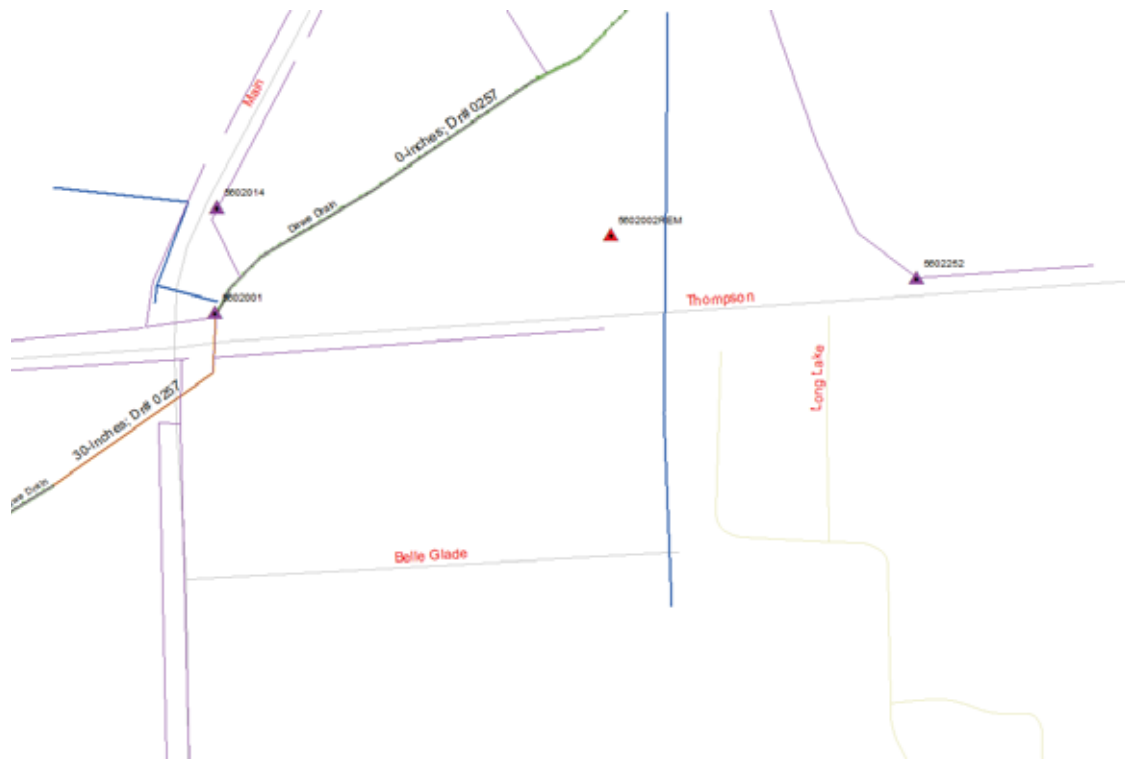
Changed on MI WATERS

Date _____

Before



After



IDEP Change / Add / Delete form

Date 5-11-22

Current Conditions

Structure # 5602506

Owner GC School

Change

Addition: New # _____

Delete

Explanation: Move outlet downstream

in school ditch to include 4" field

drains. ~~update~~ update

storm lines based on Arch field observations

Changed in GIS

Storm Line Add

Municipal line modify

Municipal Outfall move

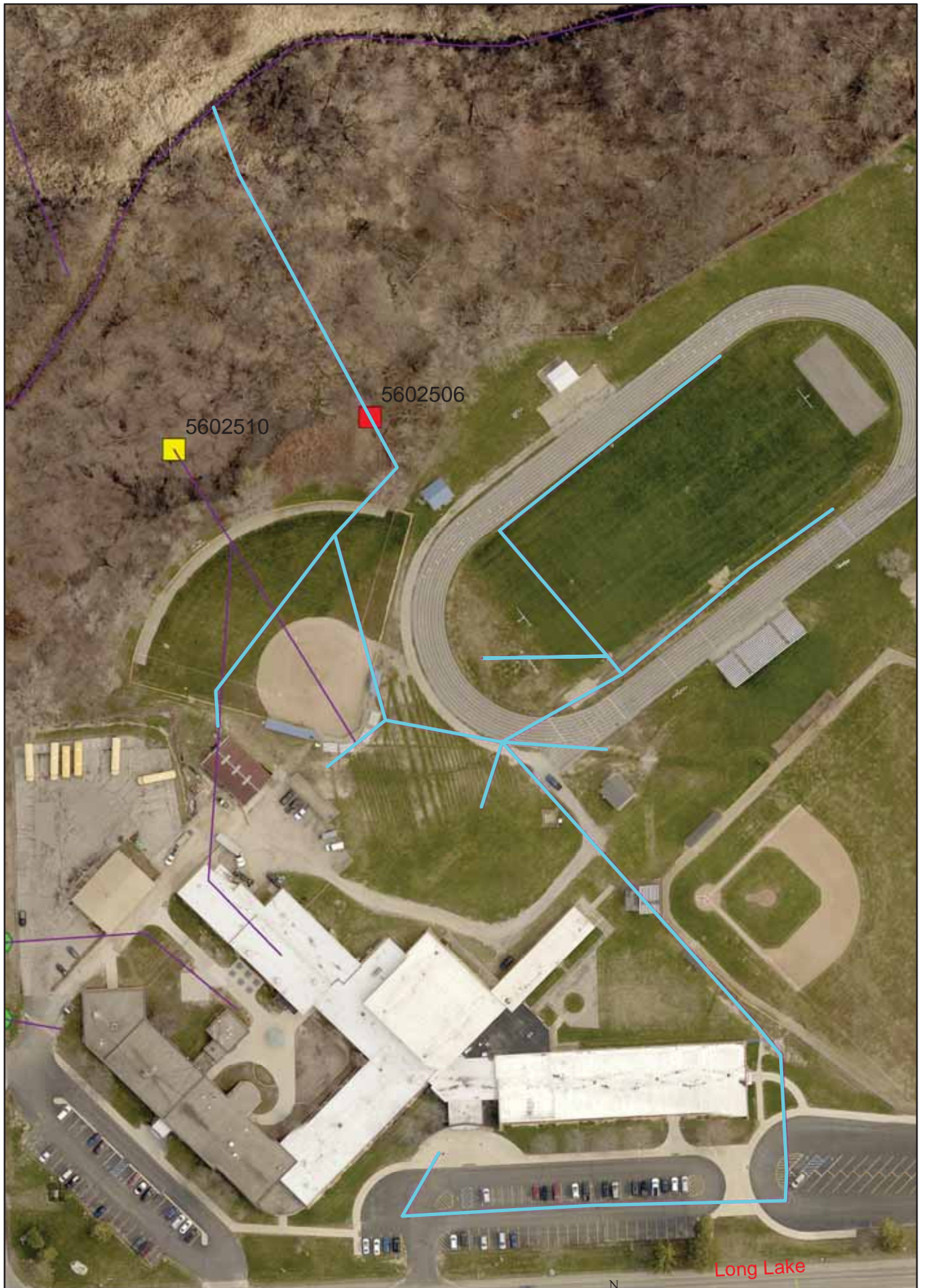
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

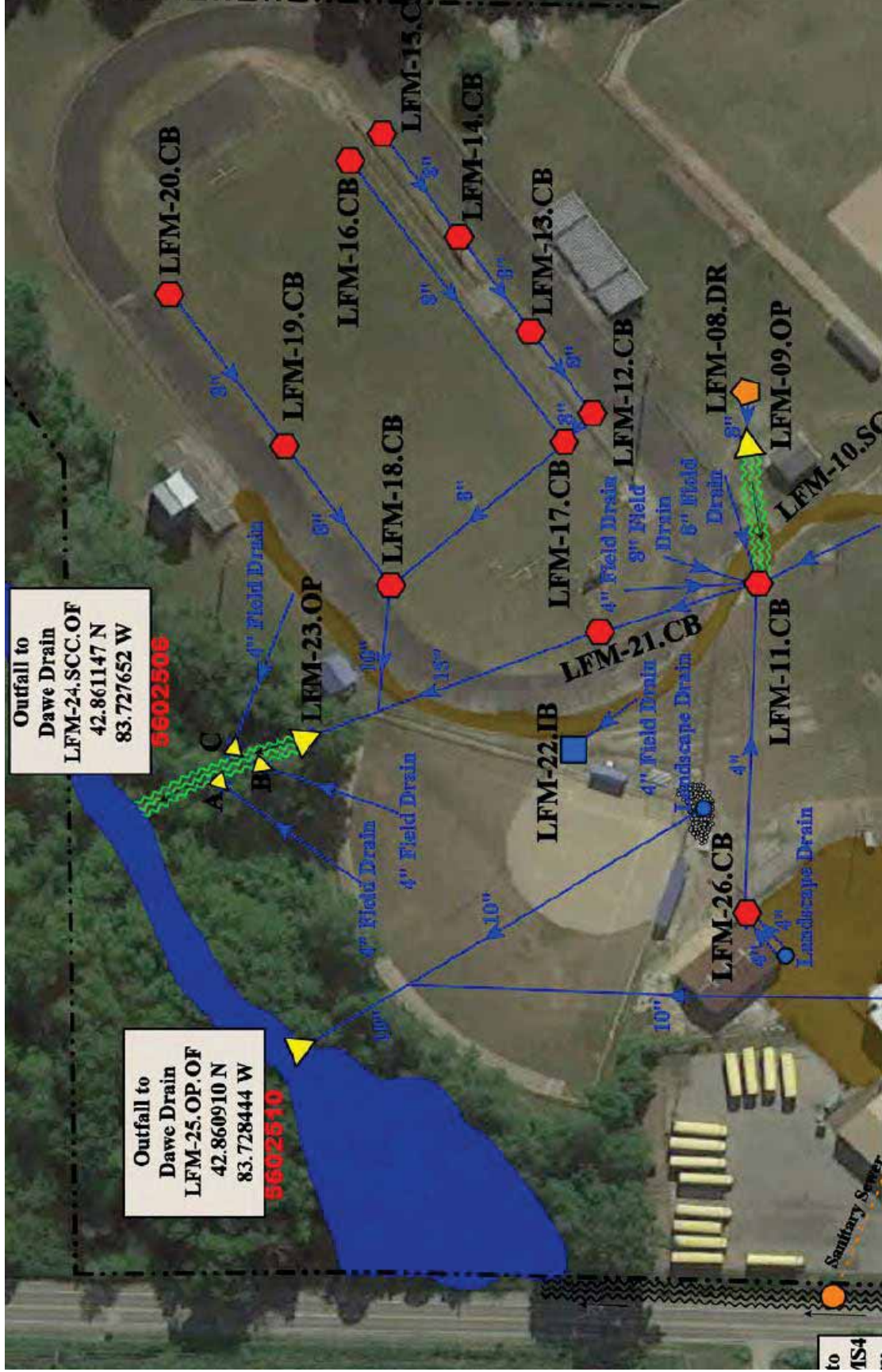
Date _____

BEFORE



Long Lake

After



IDEP Change / Add / Delete form

Date 5-11-22

Current Conditions

Structure # 5602510

Owner GC School

Change

Addition: New # 5602510

Delete

Explanation: per field observation find
10" pipe previously unknown

Changed in GIS

Storm Line added

Municipal line deleted

Municipal Outfall added

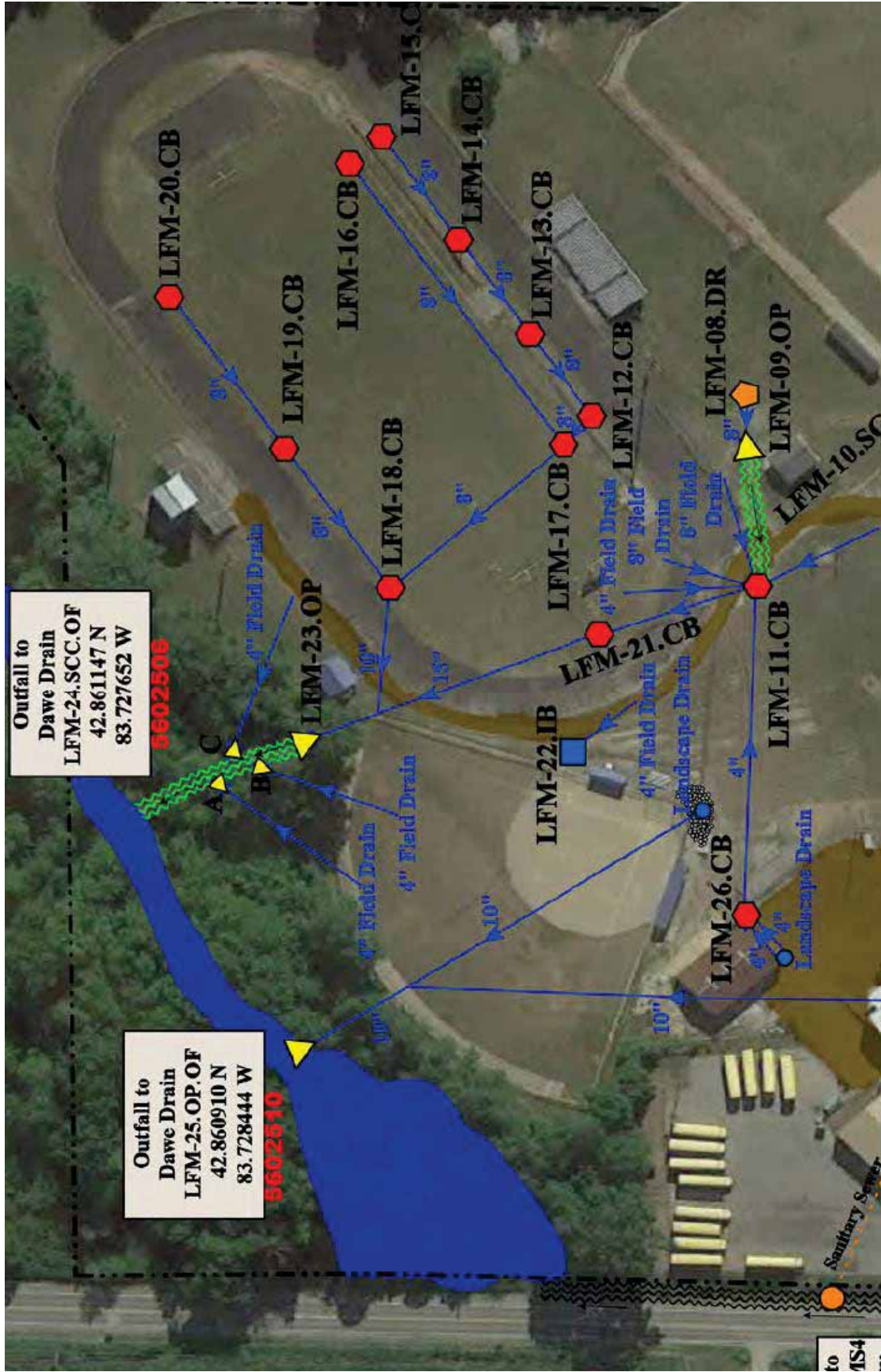
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

maps on scanned version only



to 4S4

2/2/2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 5620515 Owner C Lenden

Change

Addition: New # _____

Delete

Explanation: after looking @ Rd plans &
2009 description of outlet moved outfall
50ft± to west. new lat/long
= 42,815637, -83.781537

Changed in GIS

Storm Line added non-gcsc drain line

Municipal line revised per tickner Rd plans

Municipal Outfall revised location based on ↑ + 2009
description
of outlet

Changed in IDEP Files Scanned

Changed on MI WATERS



Before



After

Hogan, Susanne

To: Don Grice
Subject: RE: NPDES II

Hello,

The storm sewer drains to outfall 5620515. I have deleted 5620527 and changed the lines for 5620515.

5620515 was tested on 9/7/2017 and is included in the outfall reports provided. So the outlet for the storm on Tickner is done.

Sue

From: Hogan, Susanne
Sent: Wednesday, February 2, 2022 8:34 AM
To: Don Grice <dpwdirector@lindenmi.us>
Subject: RE: NPDES II

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Thanks so much

Sue

From: Don Grice <dpwdirector@lindenmi.us>
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Subject: RE: NPDES II

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Photos attached. Please let me know if you see something I didn't.

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The road plans I have for this area do not show the outfall. Any other ideas?

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OK.

Do you have road plans for Tickner street?

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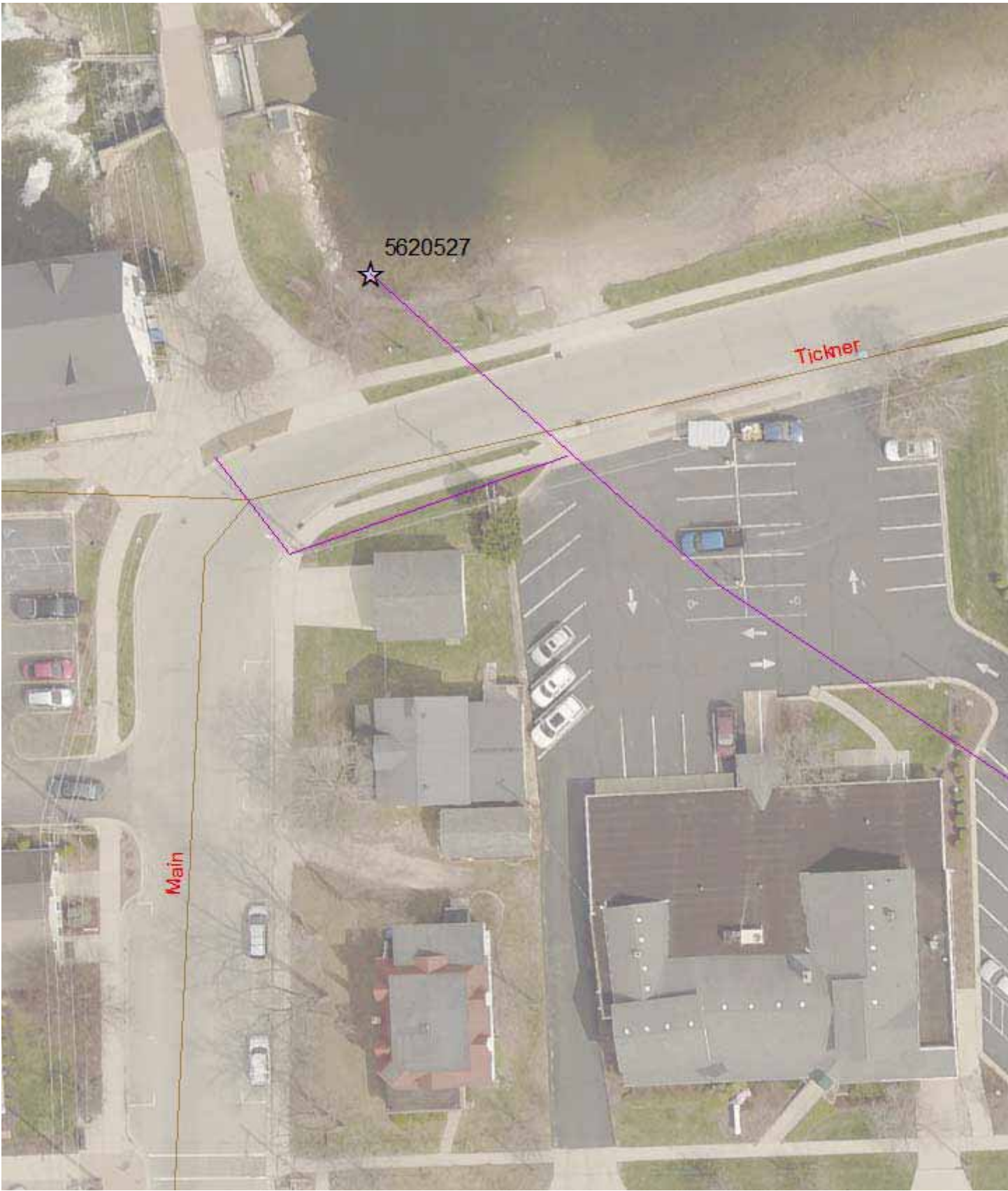
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From: Hogan, Susanne
Sent: Wednesday, January 12, 2022 9:45 AM
To: Don Grice <dpwdirector@lindenmi.us>

Cc: Ullah, Enayet <EUllah@geneseecountymi.gov>

Subject: NPDES II

Training link to web site http://www.gcdcswm.com/PhaseII/SWPPI_SWO/SWPPI_SWO.php

To arrange Dye testing to confirm that City buildings are not connected to storm, Enayet Ullah from our office can make those arrangements.

Here is what I have So far.

Sue

2/2/2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 5620527

Owner C. Linden

Change

Addition: New # _____

Delete

Explanation: field screening could not find outlet. Rd plans show Road drainage flowed w/ ~~to~~ of Linden mill dam & ditch @ 5620515 (24" conc)

Changed in GIS

Storm Line added non-GCSC Drain line

Municipal line deleted & added to 5620515

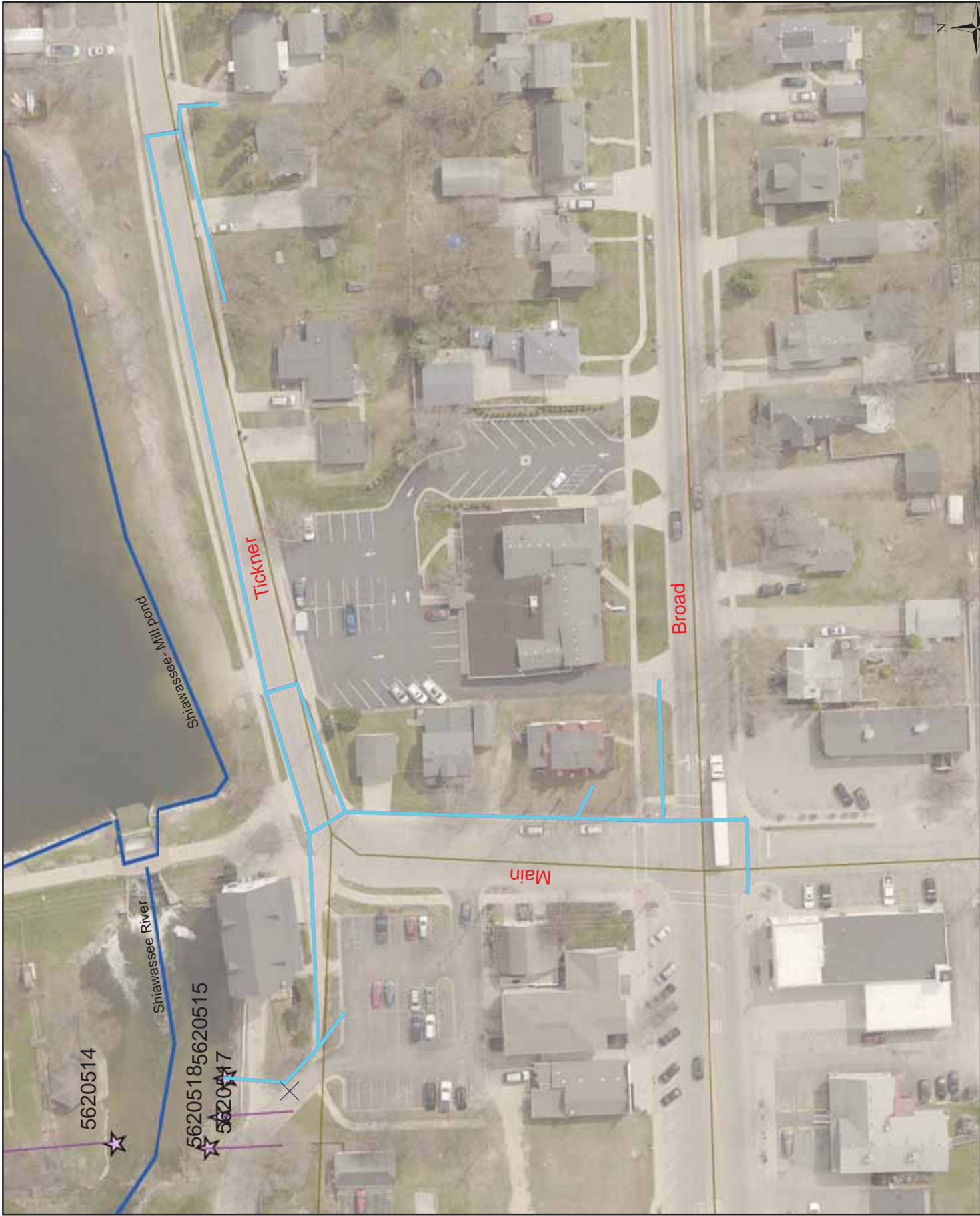
Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS



Before



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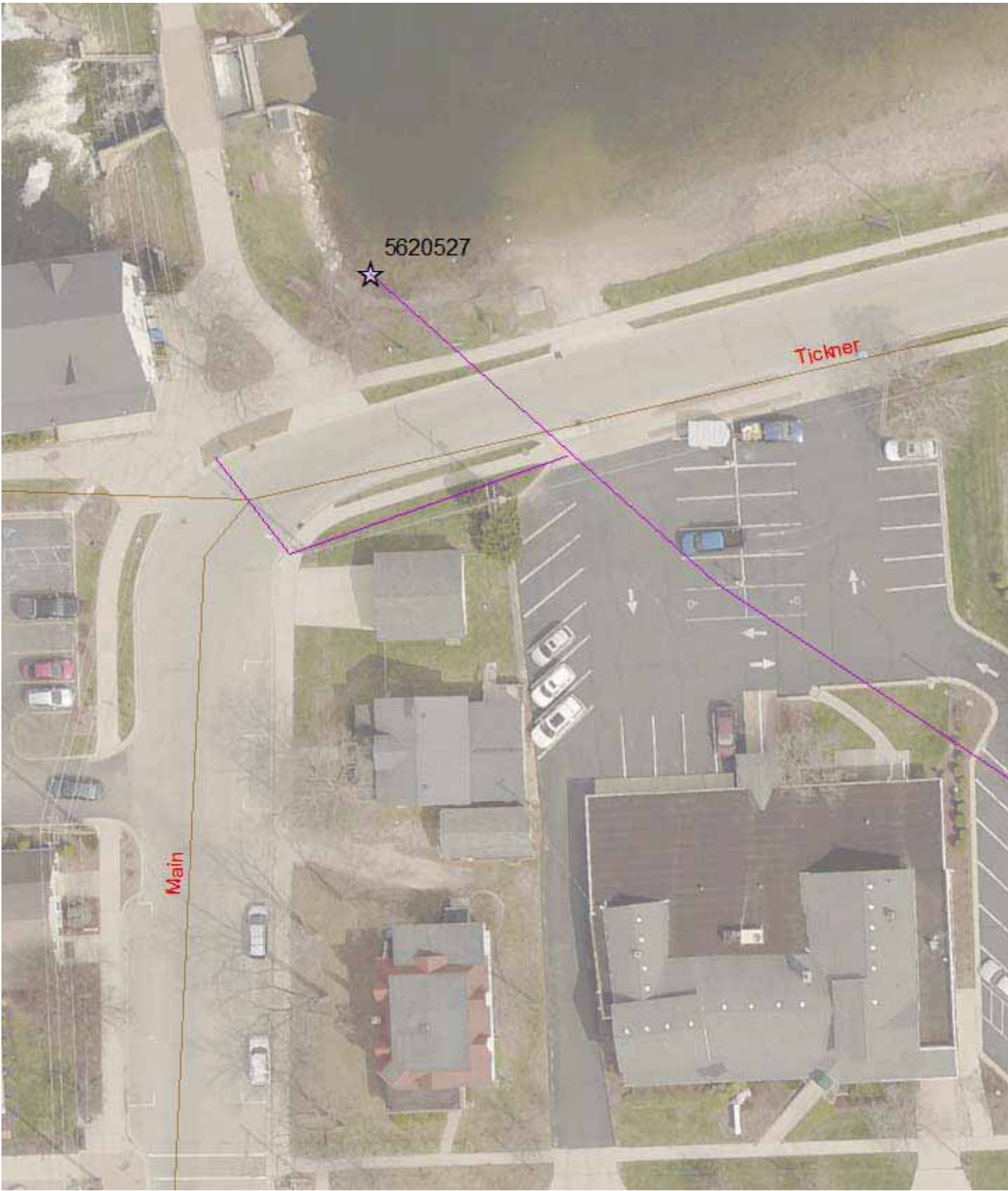
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IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 5625514

Owner GC School

Change

Addition: New # 5625514

Delete

Explanation: extra pipe @ structure
add. originally created 12" as
part of city Drain

Changed in GIS

Storm Line added

Municipal line changed

Municipal Outfall added

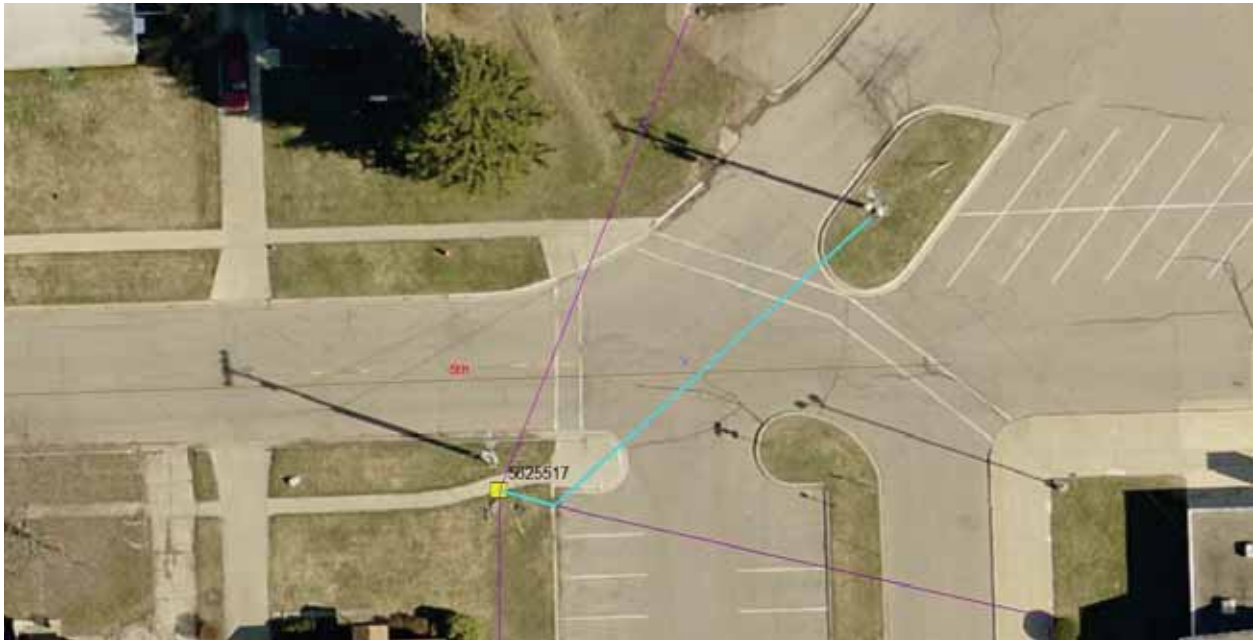
Scanned to IDEP Files

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Changed on MI WATERS

Date _____

Before



After



IDEP Change / Add / Delete form

Date 4-26-2022

Current Conditions

Structure # 5625516

Owner GC School

Change

Addition: New # _____

Delete

Explanation: not on Arch map that
was field verified - remove

Changed in GIS

Storm Line N/A

Municipal line

Municipal Outfall

} ~~NO~~ Delete = no
priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 5625520

Owner GC-School

Change

Addition: New # _____

Delete

Explanation: Arch ^{field} investigation shows the
outlet for this pipe in different location
fix

Changed in GIS

- Storm Line move
- Municipal line move
- Municipal Outfall move

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

IDEP Change / Add / Delete form

Date 4/26/22

Current Conditions

Structure # 5634760
5634761

Owner GC School

Change

Addition: New # 760
761

Delete

Explanation: Arch Env showed 2 outfalls
in field map not on original layer
Add

Changed in GIS

Storm Line N/A

Municipal line add

Municipal Outfall add

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

No map = see layers



IDEP Change / Add / Delete form

Date 4-4-2022

Current Conditions

Structure # 6502263

Owner City SW Creek

Change

Addition: New # _____

Delete

Explanation: original city map showed pipe. County map showed pipe. Both were drawn. Field verify only 1 pipe belong to GCDC (6502351) delete this pipe

Changed in GIS

Storm Line fixed Based on Road plans

Municipal line Removed / revised

Municipal Outfall Removed

Scanned to IDEP Files Scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Hogan, Susanne

From: Hogan, Susanne
Sent: Thursday, March 17, 2022 9:31 AM
To: O'Hara, Tom
Subject: FW: outfall 6502263
Attachments: Solocator-2022-02-28-12-05-26.jpg; Solocator-2022-02-28-12-05-37.jpg; Solocator-2022-02-28-12-13-50.jpg

From: Kronenberg, Heather <HKronenberg@geneseecountymi.gov>
Sent: Monday, February 28, 2022 4:09 PM
To: Hogan, Susanne <shogan@geneseecountymi.gov>
Subject: RE: outfall 6502263

Sue,

There is a 36" pipe in the headwall on the N. side of the creek, no smell – I checked.
And there is a 4" black flexi pipe in the headwall. The black flexi was totally dry. I don't know if the black flexi line is supposed to be one of the outfalls here, but it's the only thing in that location. See pics if a visual will help.

Heather

From: Hogan, Susanne <shogan@geneseecountymi.gov>
Sent: Tuesday, February 22, 2022 2:54 PM
To: Kronenberg, Heather <HKronenberg@geneseecountymi.gov>
Subject: outfall 6502263

Heather,

In 2016 tetra tech went out and tested this outfall. They noted that the area under the Bridge and the sample smelled of oil.

In the next week or 2, when we have Dry Weather conditions, can you go out here and Safely "sniff around under the bridge to make sure there is no long-term issue at this location?

The other issue is there shows 2 parallel pipes. And based on the information, they are both 30" to 36". The question is, is there 1 or 2 pipes coming into the Swartz Creek at this location.

Please response by email with your observations. Photos are great too.

Thanks

*Sue Hogan
Drain Engineer
Genesee County Drain Commissioner's Office
Surface Water Management
810.732.1590 Office*



West Elevation

☉ 90°E (M) • 42.95433, -83.832123 ±9 m ▲ 171 m



28 Feb 2022, 12:13

South Elevation

☉ 21°N (M) • 42.954182, -83.832048 ±5 m ▲ 196 m



28 Feb 2022, 12:05

South Elevation

📍 24°N (M) ● 42.954182, -83.832037 ±4 m ▲ 196 m



Hogan, Susanne

From: Hogan, Susanne
Sent: Monday, April 4, 2022 10:44 AM
To: Adam Zettel; Robert Bincsik; Laura Gruzowski
Subject: RE: Swartz Creek MS4
Attachments: 6502263 Delete 2022-04-04.pdf

Hello,

Heather went out to check for the petroleum smell. None. The other issue is originally there were 2 30"+ lines drawn in here. One for the city from their maps and one for the County from our map. Heather confirmed that there is only 1 outfall here. That is the County drain. See attachment.

I pulled the Morrish road plans for the crossing at west branch of Swartz creek. Morrish used to go straight north, sometime since the 1950's it was moved to the east. Can I get plans for Morrish road between Wade and Miller to see how it ties into the County drain?

I did not send this automatically to Barney. I can forward to him if you wish.

*Sue Hogan
Drain Engineer
Genesee County Drain Commissioner's Office
Surface Water Management
810.732.1590 Office
810.732.1474 Fax*

From: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>
Sent: Thursday, March 24, 2022 11:16 AM
To: Adam Zettel <AZettel@cityofswartzcreek.org>; Hogan, Susanne <shogan@geneseecountymi.gov>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>; Laura Gruzowski <lgruzowski@dlz.com>
Cc: Brett Jory <rbf.jory@gmail.com>
Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

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Hello Adam,

Thank you for the quick response.

Barney Boyer
MS4, Nonpoint Source, and Part 5
Environmental Quality Analyst
Water Resources Division – Lansing District Office

Michigan Department of Environment, Great Lakes, and Energy

517-290-4597 | boyerb2@michigan.gov

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From: Adam Zettel <AZettel@cityofswartzcreek.org>

Sent: Thursday, March 24, 2022 11:08 AM

To: Hogan, Susanne <shogan@geneseecountymi.gov>; Boyer, Barney (EGLE) <BoyerB2@michigan.gov>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>; Laura Gruzowski <lgruzowski@dlz.com>

Cc: Brett Jory <rjf.jory@gmail.com>

Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

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Attached is the site plan.

Brett, do you have a BMP narrative related to MS4 and/or post-construction calcs?

Please include me on all further correspondence. This is the first I have heard of this issue. These plans were delivered to OHM prior to the audit, and I thought they were passed along.

Adam Zettel, AICP

City Manager

Swartz Creek City

8083 Civic Drive

Swartz Creek, MI 48473

810.635.4464 general office

810.287.2147 mobile

azettel@cityofswartzcreek.org

<https://www.facebook.com/CityofSwartzCreek>

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From: Hogan, Susanne <shogan@geneseecountymi.gov>

Sent: Thursday, March 24, 2022 10:41 AM

To: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>; Laura Gruzowski <lgruzowski@dlz.com>

Cc: Adam Zettel <AZettel@cityofswartzcreek.org>

Subject: Re: Swartz Creek MS4-Genesee Inspection Confirmation

Hello,

I apologize. I was under the impression that the city said they were going to provide this, so I did not. I will be in next week and scan what we have.

Sue Hogan

From: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>
Sent: Thursday, March 24, 2022 10:32 AM
To: Robert Bincsik <rbincsik@cityofswartzcreek.org>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>; Laura Gruzowski <lgruzowski@dlz.com>; Hogan, Susanne <shogan@geneseecountymi.gov>
Cc: Adam Zettel <AZettel@cityofswartzcreek.org>
Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

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Hi Robert,

Please be advised, it is the City's responsibility to provide these documents in a timely manner. EGLE staff will work directly with the City on this matter, not GCDC. As it stands, the City is currently in violation of its MS4 permit and will receive a violation notice. If the City cannot provide the plans by the date specified, further enforcement actions may be taken.

Regards,

Barney Boyer
MS4, Nonpoint Source, and Part 5
Environmental Quality Analyst
Water Resources Division – Lansing District Office
Michigan Department of Environment, Great Lakes, and Energy
517-290-4597 | boyerb2@michigan.gov
[Follow Us|Michigan.gov/EGLE](#)



From: Robert Bincsik <rbincsik@cityofswartzcreek.org>
Sent: Thursday, March 24, 2022 10:17 AM
To: Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>; Laura Gruzowski <lgruzowski@dlz.com>; 'Susanne Hogan (shogan@co.genesee.mi.us)' <shogan@co.genesee.mi.us>
Cc: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>
Subject: Re: Swartz Creek MS4-Genesee Inspection Confirmation

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Sue,
GCDC issues the permits for this do you have this information?

Get [Outlook for Android](#)

From: Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>

Sent: Thursday, March 24, 2022 9:15:22 AM

To: Laura Gruzowski <lgruzowski@dlz.com>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; 'Susanne Hogan (shogan@co.genesee.mi.us)' <shogan@co.genesee.mi.us>

Cc: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>

Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

Hello,

Have you had a chance to gather these documents? Please provide a response no later than 3/31/22.

Thank you,

Miekyn Cotton

From: Cotton, Miekyn (EGLE)

Sent: Tuesday, March 8, 2022 9:05 AM

To: Laura Gruzowski <lgruzowski@dlz.com>; 'Robert Bincsik' <rbincsik@cityofswartzcreek.org>; 'Susanne Hogan (shogan@co.genesee.mi.us)' <shogan@co.genesee.mi.us>

Cc: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>

Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

Hello all,

Thank you for your preparation and cooperation at our audit 2/22/22. I have reviewed the documents provided during the audit and noted only the Brewer Townhomes site was subject to post-construction. Could you please send the site plan, a narrative description of the BMPs on site and the post-construction calculations associated with the site?

Thank you,

Miekyn

From: Cotton, Miekyn (EGLE)

Sent: Thursday, February 17, 2022 11:50 AM

To: Laura Gruzowski <lgruzowski@dlz.com>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; 'Susanne Hogan (shogan@co.genesee.mi.us)' <shogan@co.genesee.mi.us>

Cc: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>

Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

Hello All,

We will be taking a look at the Post-Construction Storm Water Runoff Program as part of this inspection. Have you had any development or redevelopment over one acre within the urbanized area since the issuance of this permit? If so, please submit a list by February 22, 2022 with the following information:

- 1) the site plan name
- 2) identify if the project is new development or redevelopment
- 3) the type of project (i.e., road, drain office, school, subdivision, commercial, etc.)
- 4) the location
- 5) project size

Thank you,

Miekyn Cotton

Pronouns: she, her
Environmental Engineer
Water Resources Division, Jackson District Office
Michigan Department of Environment, Great Lakes and Energy
517-740-6504, cottonm1@michigan.gov
Follow Us: www.Michigan.gov/EGLE



LET'S STAY SAFE TOGETHER

From: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>
Sent: Thursday, February 17, 2022 10:26 AM
To: Laura Gruzowski <lgruzowski@dlz.com>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; 'Susanne Hogan' <shogan@co.genesee.mi.us> <shogan@co.genesee.mi.us>
Cc: Meyer, Cheri (EGLE) <MeyerC2@michigan.gov>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>
Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

Hi All,

The Swartz Creek MS4 inspection is next Tuesday. Please let me know if you have any question between now and then.

Best,

Barney Boyer
MS4, Nonpoint Source, and Part 5
Environmental Quality Analyst
Water Resources Division – Lansing District Office
Michigan Department of Environment, Great Lakes, and Energy
517-290-4597 | boyerb2@michigan.gov
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From: Laura Gruzowski <lgruzowski@dlz.com>
Sent: Tuesday, February 1, 2022 2:03 PM
To: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>; Robert Bincsik <rbincsik@cityofswartzcreek.org>; 'Susanne Hogan' <shogan@co.genesee.mi.us> <shogan@co.genesee.mi.us>
Cc: Meyer, Cheri (EGLE) <MeyerC2@michigan.gov>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>
Subject: RE: Swartz Creek MS4-Genesee Inspection Confirmation

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Thank you Barney, see you in a few weeks!

Laura Gruzwalski | Project Manager

(248) 836-4053 (office) | (248) 207-1797 (cell)

lgruzwalski@dlz.com | www.dlz.com

[LinkedIn](#) | [Twitter](#) | [Facebook](#) | [Issuu](#)

From: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>

Sent: Wednesday, January 19, 2022 9:11 AM

To: Robert Bincsik <rbincsik@cityofswartzcreek.org>; Laura Gruzwalski <lgruzwalski@dlz.com>; 'Susanne Hogan (<shogan@co.geneseee.mi.us>)' <shogan@co.geneseee.mi.us>

Cc: Meyer, Cheri (EGLE) <MeyerC2@michigan.gov>; Cotton, Miekyn (EGLE) <CottonM1@michigan.gov>

Subject: Swartz Creek MS4-Genesee Inspection Confirmation

EXTERNAL: Message origin is from an external network. Use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Hello Robert Bincsik,

The MS4 inspection for the City of Swartz Creek is scheduled for **February 22, 2022**. I have attached a confirmation letter to this email. Please bring all appropriate Stormwater Management Plan (SWMP) documents and implementation records to the meeting. The letter outlines the control measures that we will address during the inspection and provides a schedule for the day. Please contact me if you have any questions.

Please acknowledge this email upon receipt.

Regards,
Regards,

Barney Boyer

MS4, Nonpoint Source, and Part 5

Environmental Quality Analyst

Water Resources Division – Lansing District Office

Michigan Department of Environment, Great Lakes, and Energy

517-290-4597 | boyerb2@michigan.gov

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3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 6502300 Owner GC School

Change

Addition: New # _____

Delete

Explanation: Could not find IN Field

Check recent site plan. water goes

N to different MS4 NOT west

confirm outlet does not exist

Changed in GIS

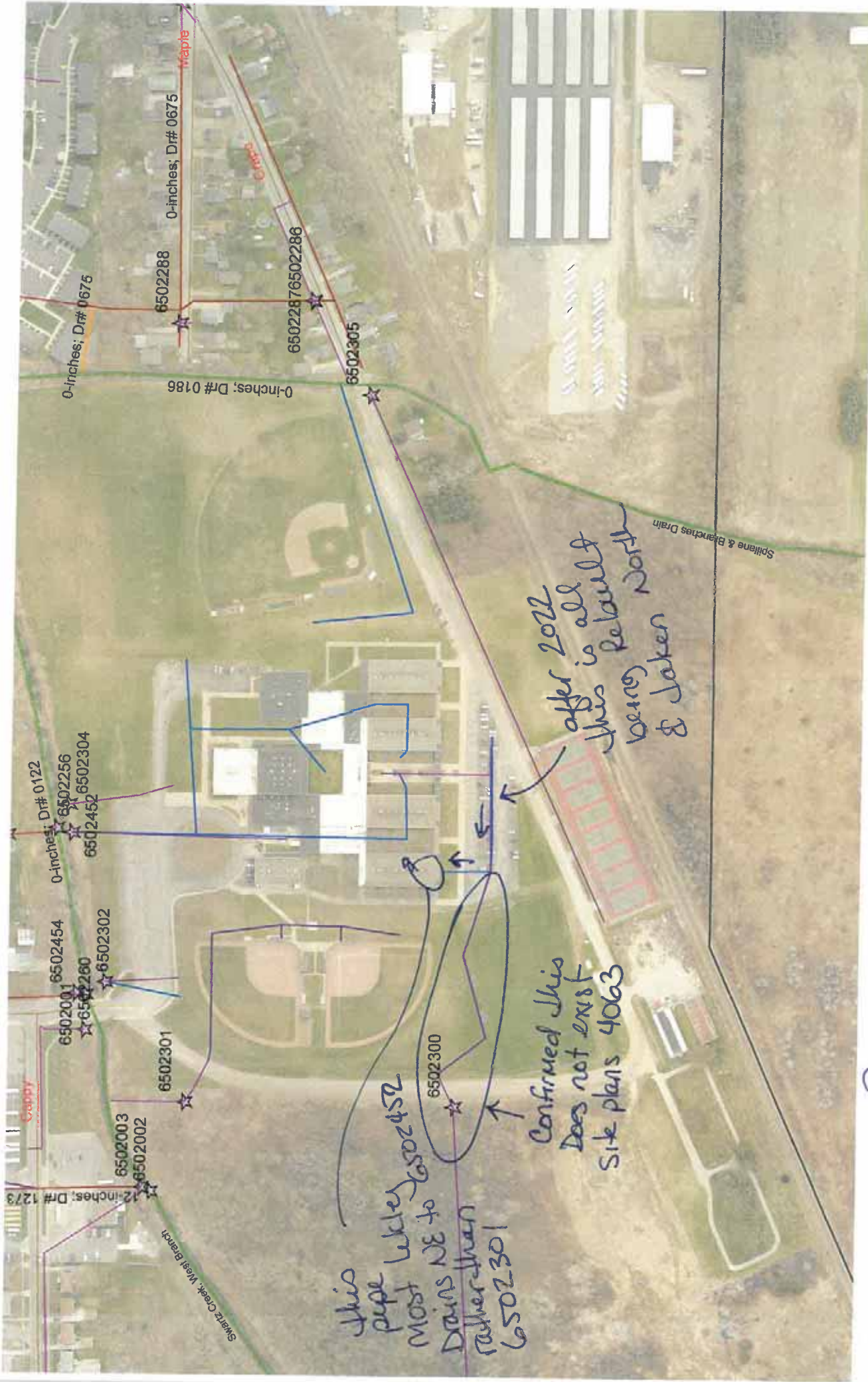
Storm Line updated per site plan

Municipal line removed

Municipal Outfall removed

Changed in IDEP Files **SCANNED**

Changed on MI WATERS



Swartz Creek West Branch
12-inches; Dr# 1273

Cappy

0-inches; Dr# 0122
6502001
6502256
6502452
6502304

6502454
6502260
6502302

0-inches; Dr# 0675
6502288

0-inches; Dr# 0186
6502287
6502286

This pipe likely 6502452
Most NE to
Drains rather than
6502301

Confirmed this
Does not exist
Site plans 4063

offer 2022
this is all
being rebuilt
& Joken
& North

Remove 6502300

Splaine & Branches Drain

3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 6502306

Owner GC-School

Change

Addition: New # 6502306 no old #

Delete

Explanation: when reviewing newer site plan
found this storm. was not on old plans
will field verify.

Changed in GIS

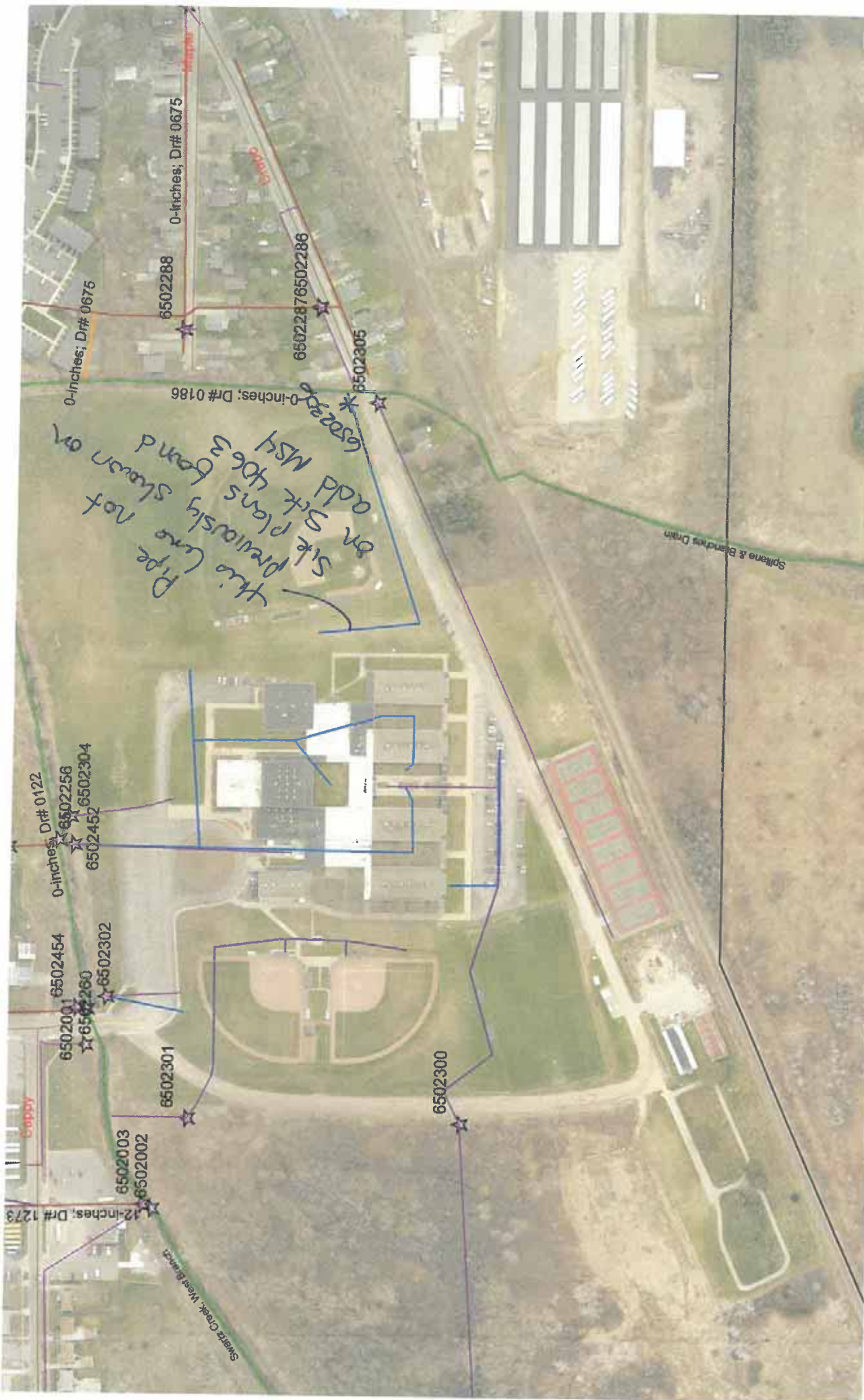
Storm Line added

Municipal line added

Municipal Outfall added

Changed in IDEP Files **SCANNED**

Changed on MI WATERS



Pipe Line Not on Site Plans shown on add MS4 or Site 4063

add outfall 6502306

IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6502310

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS DRAINS to GCDC 65022 SL

Storm Line N/A

Municipal line } Do not Delete - A priority to none

Municipal Outfall }

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Changed on MI WATERS

Date _____



6502270

6502310

12-inches; Dr# 0371

McLain

IDEP Change / Add / Delete form

Date 11.4.2022

Current Conditions

Structure # 6601008

Owner _____

Change

Addition: New # _____

Delete

Explanation: site plans confirm this outfall
does not exist.

- maps in digital file

Changed in GIS

Storm Line

Municipal line

Municipal Outfall

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



0.75 inches; Dwg# 0162 - Shallow Drain

6601003

6601006

6601007

6601008



3-31-22

IDEP Change / Add / Delete form

Current Conditions

Structure # 6601009

Owner GC-Schools

Change

Addition: New # _____

Delete

Explanation: there is no pipe here on

west bank of Sherwood Drain

Delete

Changed in GIS

Storm Line no change

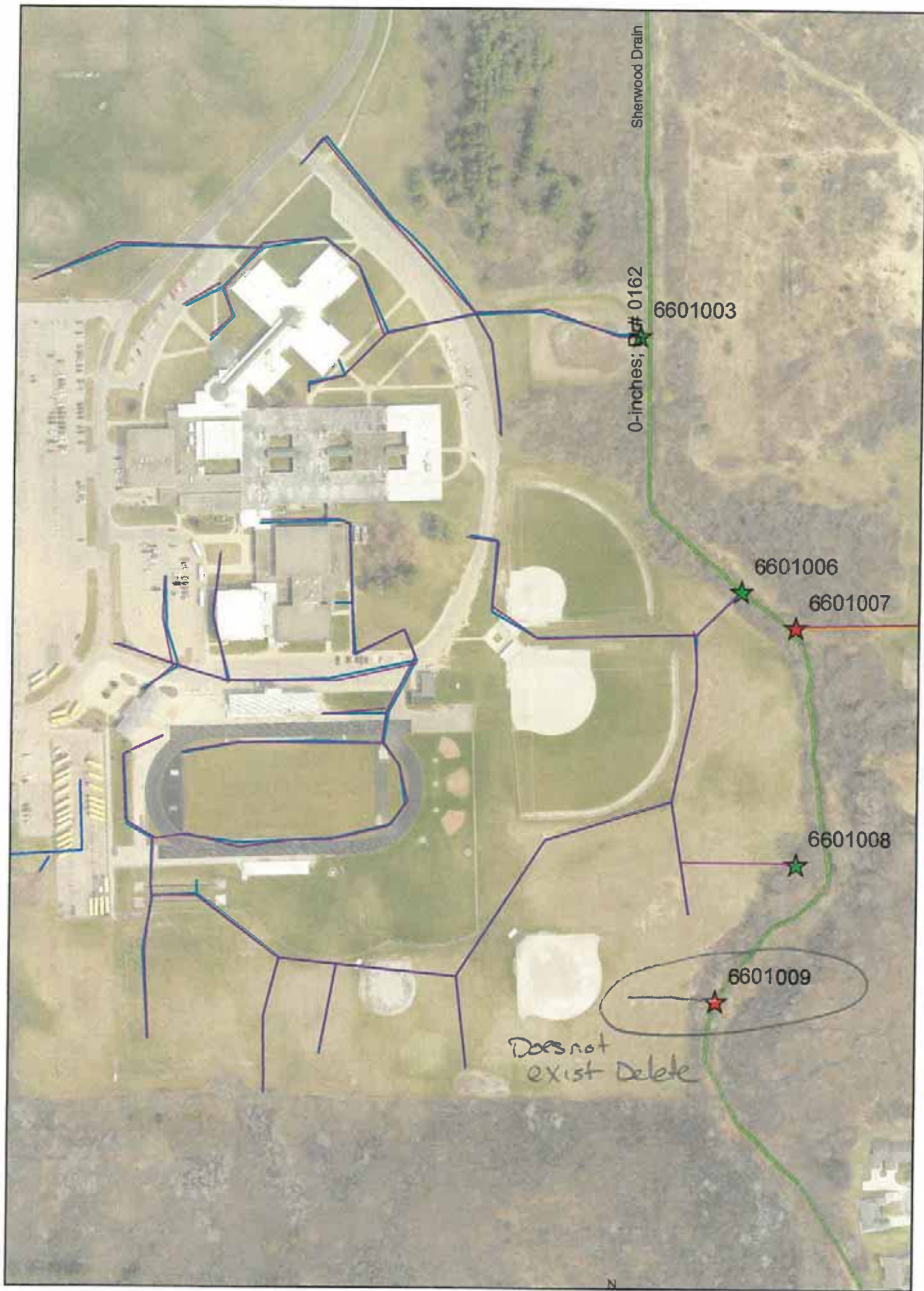
Municipal line Removed

Municipal Outfall Removed

Changed in IDEP Files Scanned

Changed on MI WATERS

TZ 3/31/22



Sherwood Drain

0-inches; Pipe # 0162

6601003

6601006

6601007

6601008

6601009

Does not exist Delete



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6601010

Owner GC School

Change

Addition: New # ~~XXXXXXXXXX~~

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS DRAINS TO GCDC 7635751

Storm Line N/A

Municipal line

Municipal Outfall

} Do not Delete
A priority to None

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Changed on MI WATERS

Date _____

Forest Heights

12-inches; D r# 0324

6601010

Maple

Van Slyke



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6602001 - GCRC
6602002
6602003
 Change 6602004 } GCDC

Owner GC School

Addition: New #

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS DRAINS TO GenCo storm 6602253

Storm Line N/A

Municipal line

Municipal Outfall

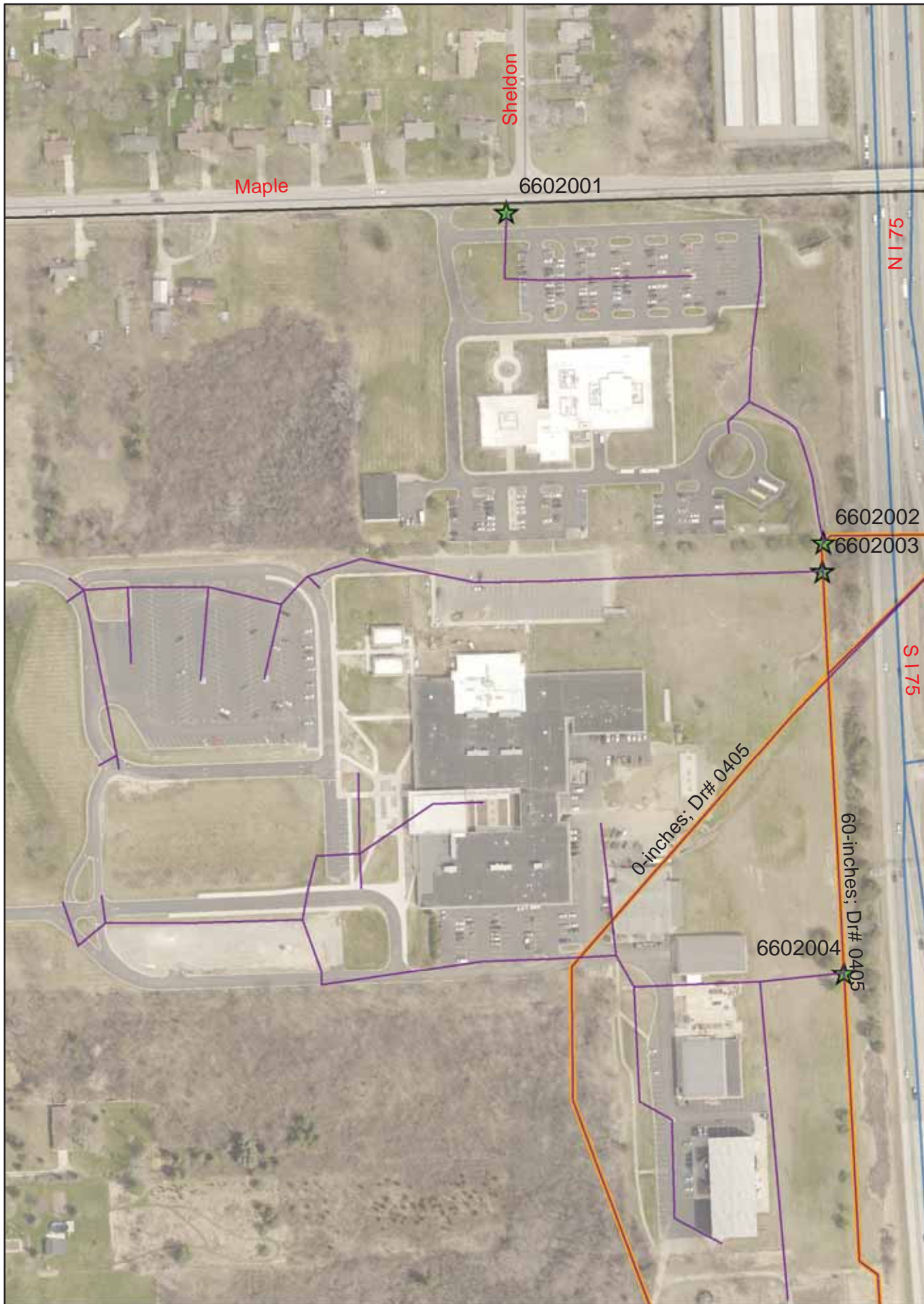
} Do not Delete
Δ priority to none

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Changed on MI WATERS

Date



Maple

Sheldon

6602001

N 175

6602002

6602003

S 175

0-inches: D# 0405

60-inches: D# 0405

6602004

IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6602264

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 6602253

Storm Line N/A

Municipal line

Municipal Outfall

} Do not Delete
Δ priority to None

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6701501 } GCRC
6701502 } GCRC
6701503 } GCRC

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS DRAINS TO GCRC/ GCDC 6702757

Storm Line N/A

Municipal line } Do not Delete

Municipal Outfall } priority to None

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

36-inches; Dr# 0408

12-inches; Dr# 0504

6701501

6701503

Sun Valley 6701502

Rushmore

Fiesta



IDEP Change / Add / Delete form

Date 8-17-22

Current Conditions

Structure # 6705020

Owner GCDC

Change

Addition: New # _____

Delete

Explanation: When plans drawn on GIS - was
drawn on N side of Rd. Confirmed Co
drain on south side Rd. This is 6705007
6705020 does not exist Rebuilt w/ sub'd

Changed in GIS

Storm Line Moved

Municipal line Fixed & renamed 6705007

Municipal Outfall Removed

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



Chapin

24-inches, Dr# 0912

Mill Wheel

18-inches, Dr# 0066

27-inches, Dr# 0912

12-inches, Dr# 0423

Inson Drain

Moceri



N 116-0

26' 18" E 1346.43

CHAPIN

old tile not ours
Over line

ST

ST

AVE

RUSSELL

TODD

AVE

RUSSELL ST CORNER of

FERN

WEB TILE
RAIN TILE
RAIN TILE
RAIN TILE
RAIN TILE
RAIN TILE
10.3 FT.

1941

Hogan, Susanne

From: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Sent: Wednesday, August 17, 2022 2:13 PM
To: Hogan, Susanne
Cc: Christian, Daniel
Subject: RE: locating some pipes • 6705020 & 6705022

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Ok thank you for the update.

I "retired" both points and updated all of the form names to include an R indicating that it has been removed from the MS4 list.



Jenna

Jenna Troppman, PE | Water Resources Engineer
Direct (313) 224-9803 |
jenna.troppman@tetrattech.com

Tetra Tech | Complex World, Clear Solutions™
615 Griswold, Ste.1000B Detroit, MI 48226 | tetrattech.com

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From: Hogan, Susanne <shogan@geneseecountymi.gov>
Sent: Wednesday, August 17, 2022 12:07 PM
To: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Cc: Christian, Daniel <Dan.Christian@tetrattech.com>
Subject: FW: locating some pipes • 6705020 & 6705022

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Matt went out here. Neither 6705020 nor 6705022 are along that bank. So we do not have to worry about Dry weather screening. Here are reports to remove from MS4 list.

Sue

From: White, Matthew <MWhite@geneseecountymi.gov>
Sent: Tuesday, August 16, 2022 8:52 AM
To: Hogan, Susanne <shogan@geneseecountymi.gov>
Subject: RE: locating some pipes

Yes, I will go out today to see what I can find.

From: Hogan, Susanne <shogan@geneseecountymi.gov>
Sent: Tuesday, August 16, 2022 8:26 AM
To: White, Matthew <MWhite@geneseecountymi.gov>
Subject: locating some pipes

Matt,

Please go out and see what pipes are behind 5248 & 5254 Mill Wheel. The 18" Drain 0066 should be down lot line between the 2 houses. The blue line was on an old as-built and may not exist or had been relocated removed when 5254 was built. Tetra tech was out here and could not find either pipe.

Sue Hogan
Drain Engineer
Genesee County Drain Commissioner's Office
Surface Water Management
810.732.1590 Office
810.732.1474 Fax



IDEP Change / Add / Delete form

Date 8-17-22

Current Conditions

Structure # 6705022

Owner Shown as private
But Drained Rd
would have

Change

Addition: New # _____

Delete

Explanation: when plans drawn on GIS

showed private pipe from pre 1968. all

rebuilt w/ sub. private pipe no longer

exist.

maps attached to 6705020
copied onto digital version

Changed in GIS

Storm Line Removed

Municipal line Removed

Municipal Outfall Removed

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____



Chapin

24-inches, Dr# 0912

18-inches, Dr# 0066

Mill Wheel

27-inches, Dr# 0912

12-inches, Dr# 0423

Inson Drain

Moceri



11/12-0

26' 18" E 1316.43

CHAPIN

old tky not cross
Our line

ST

ST

AVE

RUSSELL

TODD

AVE

RUSSELL BRANCH OF

FERN

WEB FILE
RAIN TILE
RAIN TILE
RAIN TILE
RAIN TILE
RAIN TILE
100 FT.

1461

Hogan, Susanne

From: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Sent: Wednesday, August 17, 2022 2:13 PM
To: Hogan, Susanne
Cc: Christian, Daniel
Subject: RE: locating some pipes • 6705020 & 6705022

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Ok thank you for the update.

I "retired" both points and updated all of the form names to include an R indicating that it has been removed from the MS4 list.

Jenna

Jenna Troppman, PE | Water Resources Engineer
Direct (313) 224-9803 |
jenna.troppman@tetrattech.com

Tetra Tech | Complex World, Clear Solutions™
615 Griswold, Ste.1000B Detroit, MI 48226 | tetrattech.com

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*Sue Hogan
Drain Engineer
Genesee County Drain Commissioner's Office
Surface Water Management
810.732.1590 Office
810.732.1474 Fax*



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6705251

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS

DRAINS to 6704006

Storm Line N/A

Municipal line

Municipal Outfall

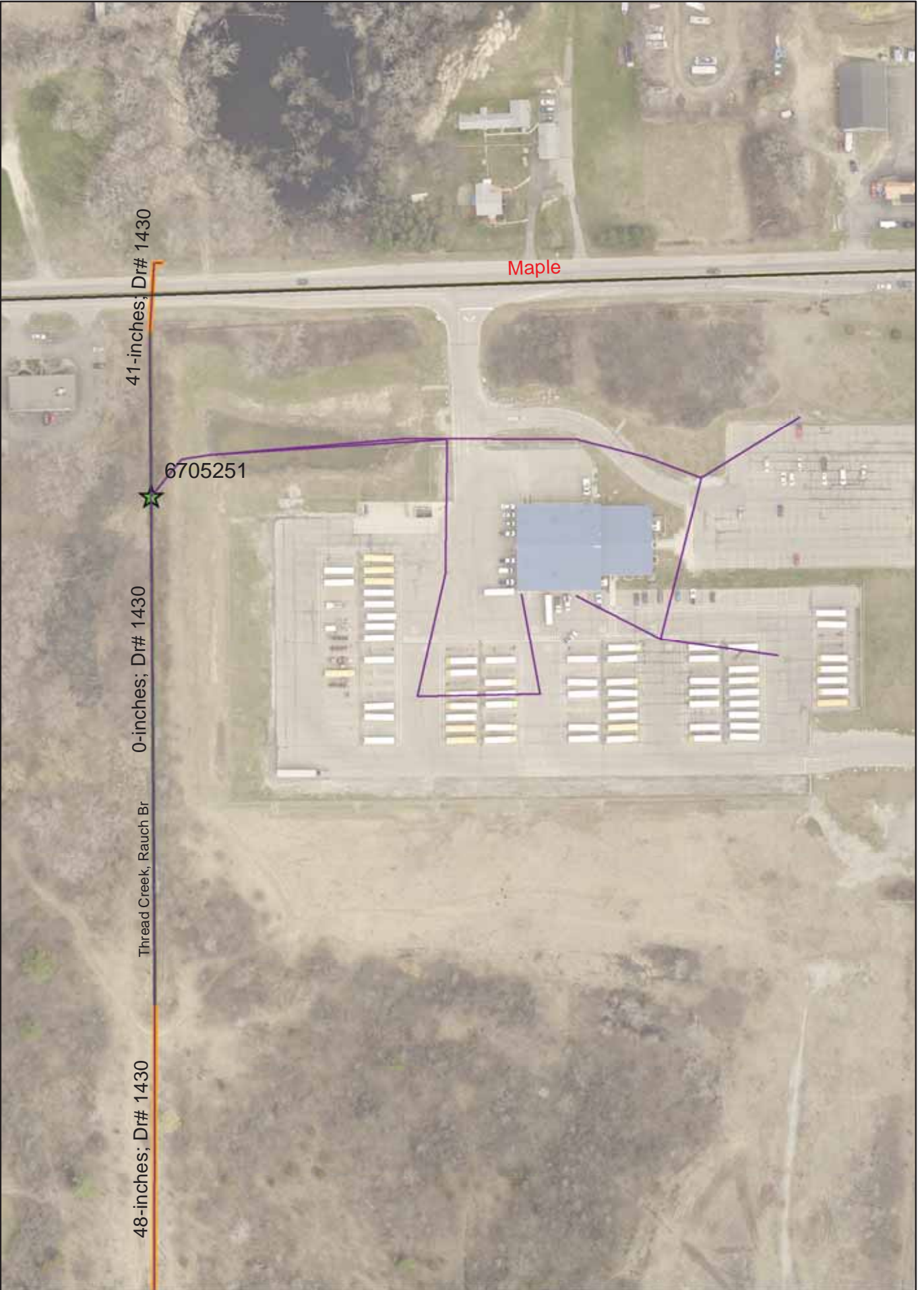
} Do not Delete
} priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6707751

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GDC 6708504

Storm Line no change needed

Municipal line

Municipal Outfall

} Do not Delete
Δ priority to None

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



12-22-2021

IDEP Change / Add / Delete form

Current Conditions

Structure # 6710254

Owner GCDC-SWM

Change

Addition: New # _____

Delete

Explanation: Drain Drawn in wrong
Location - Fixed This outlet actually
does not exist tile ~~ends~~ discharges into
tile of 6710253 before outlet. confirm
in field this outlet does not exist

Changed in GIS

Storm Line GCDC-Drain

Municipal line deleted & added to 6710253

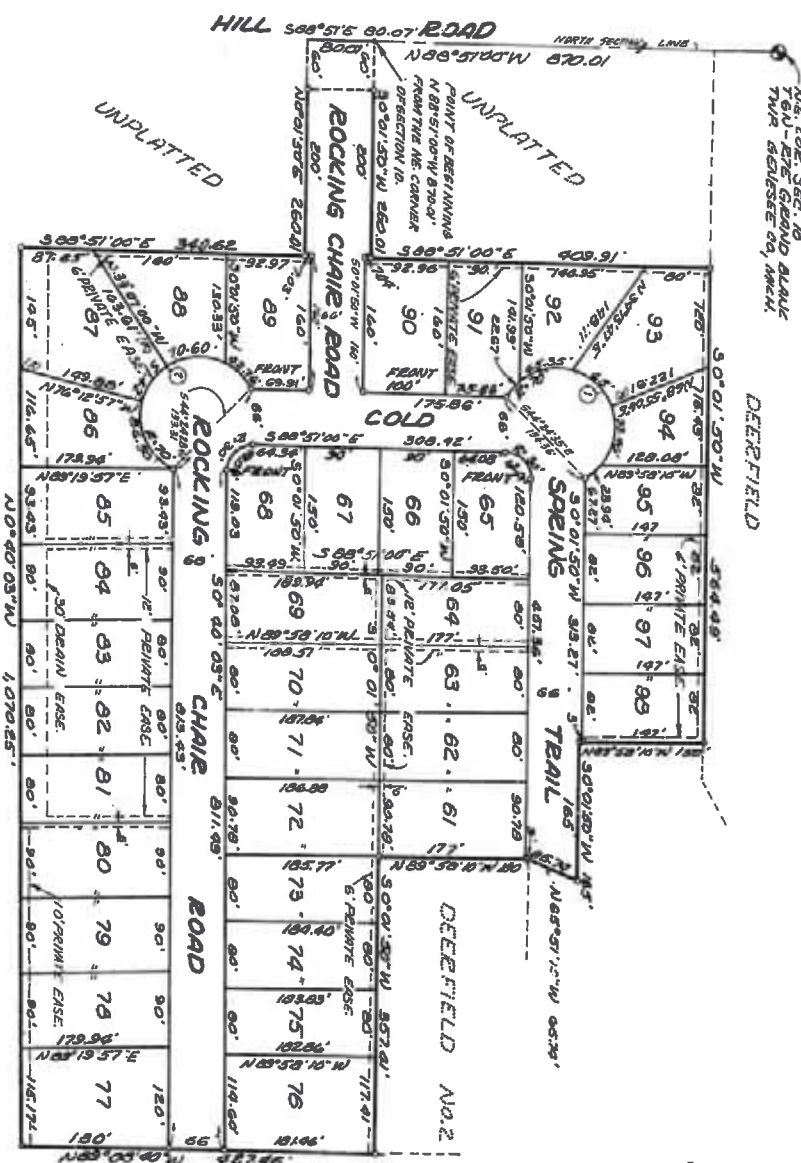
Municipal Outfall deleted

Changed in IDEP Files scanned

Changed on MI WATERS

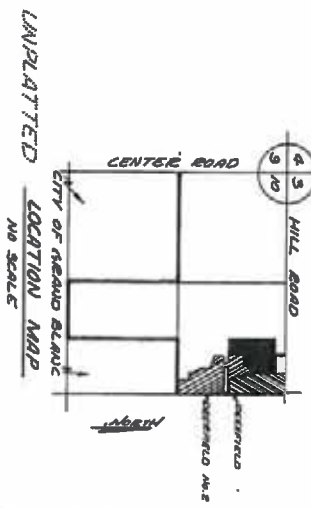
DEERFIELD NO. 3

PART OF THE N.E. 1/4 OF SECTION 10,
T6N-R7E, GRAND BLANC TOWNSHIP,
GENESEE COUNTY, MICHIGAN



LEGEND

1. ALL DIMENSIONS ARE IN FEET
2. ALL CURVE DIMENSIONS ARE CHORDS
3. CONCRETE DIMENSIONS HAVE BEEN PLACED AT ALL POINTS MARKED
4. LOT CORNERS HAVE BEEN MARKED WITH IRON ROD 1/2 INCHES LONG AND 1/2 OF AN INCH IN DIA.
5. SEAGAINS WERE ESTABLISHED FROM THE RECORDED PLATS OF DEERFIELD LIBEL 45 PAGE 29 AND DEERFIELD NO. 2 LIBEL 97 PAGE 5 AND IS



CURVE DATA

CURVE NO.	ANGLE	RAD.
1	127° 07' 36"	70'
2	215° 33' 43"	70'

CHORD BEARING
134.36' S 44° 23' 55E
133.31' S 44° 24' 23W

52708

See 1425ASB1993005

Hogan, Susanne

From: Kronenberg, Heather
Sent: Wednesday, December 22, 2021 1:57 PM
To: Hogan, Susanne
Subject: IDEP outfalls 8721004 & 6710253

Hi Sue,

Merry Christmas. I think I found 2 outfalls that don't exist.

1. Outfall #8721004 at Bluebell Beach. When Jenna asked about construction plans, I looked at the site plan layer and saw that Enayet JUST reviewed a site plan on 11/24/21 for Bluebell Beach. The plan shows that only 2, not 3 outfalls are at the beachfront. Since I could not find the outfall when I was there, and could not find an inlet or basin for it, I believe the site plan confirms that the outfall doesn't exist. I will update Jenna as it was actually her request.
2. Outfall #6710254. I was out with TetraTech yesterday and nothing seemed right on the map. After reviewing ASB's, ADD's, a plat map AND ASB's for the open ditch drain #1425, I've concluded that the ADD for drain #0855 is incorrect. The drain does not outfall between parcels 6064 & 6072, but 6056 & 6064. I looked at outfall #6710253 where the screening was completed. It appears that this outfall combines the drain #0855 & where drain #1425 goes from enclosed to open ditch. There is a large basin just east of the outfall location that is a junction point for the 2 drains. SOOOO... our map needs updating also. See map below.



Heather Kronenberg
Engineering Assistant
Genesee County Drain Commissioner
Surface Water Management
810.732.1590 Office
810.732.1474 Fax
hkronenberg@geneseecountymi.gov

IDEP Change / Add / Delete form

Date 6-16-22

Current Conditions

Structure # 6715515

Owner GRAND Blanc City

Change

Addition: New # _____

Delete

Explanation: Based on Road plans location
of outlet location moved southeast 100'

Changed in GIS

Storm Line

Municipal line

Municipal Outfall

} moved

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

SCANNED

After based on 2003 RP0256



Before



IDEP Change / Add / Delete form

Date 10.21.2022

Current Conditions

Structure # 0715524

Owner GC School

Change

Addition: New # _____

Delete

Explanation: Under construction, old outlet removed.
Will revisit when construction complete and new
outlet is functioning.

Attachments are in digital copy only

Changed in GIS

Storm Line - updated to proposed new pipes.

Municipal line

Municipal Outfall

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



6715524

72-inches; Dr# 0385

6715528

6715525



Hogan, Susanne

From: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Sent: Wednesday, August 17, 2022 2:37 PM
To: Hogan, Susanne
Cc: Christian, Daniel
Subject: RE: Grand Blanc Highschool

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Sue,

We were out at Grand Blanc High School yesterday and we have visited all of the accessible outfalls. I added some notes here in blue about what we found.

- 6715530 is not a MS4- it is overflow of pond, not an outlet. I will delete -This outfall was “retired”
 - 6715529 Heather did this one. After looking at her report she DRS at the pond inlet/outlet. Which I am calling 6715529-N. we still need to check the tile 6715529E- see map – This outfall fall was behind the construction fence. The entire pond was unreachable from both sides.
 - 6715524 the outlet is inaccessible- go upstream to 6715524-1 on map. Coordinates to get you close to the upstream structure is -83.627186, 42.921774 – behind construction fence. Entire upstream area was in the construction zone.
 - 6715528 the outlet is inaccessible- go upstream to 6715524-1 on map. Not sure if upstream is accessible. – Located and screened the upstream 6715528-1 shown in figure below.
- 6715531 the structure I have going to this outlet is connected to west into 6715529. Please check if structure at 6715531 below is a storm sewer. If yes test it there at upstream site. Outlet is inaccessible. –Located and screened the upstream 6715531-1 shown in figure below.

Only 6715524 & 6715529 have not been screened and they were located behind construction fences. They may need to wait until construction at the site is done. I drew some red lines in showing where we encountered fences:

Hogan, Susanne

From: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Sent: Thursday, October 20, 2022 5:02 PM
To: Hogan, Susanne
Cc: DeBoer, Holly; Christian, Daniel
Subject: Forms Added to OneDrive - 10/20/2022

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Sue,

Here is a link to the forms and lab results uploaded to the OneDrive. [2022-10-20 DryWS Reports - OneDrive \(sharepoint.com\)](#)

I gave access to Holly if she would like to try the link as well.

Below is the list of outfalls we discussed in todays meeting.

- 7730753 – City of Burton – Tested high for E.coli in 2017. Revisited outfall and screened upstream structures. E.coli was low both times. – Investigation considered complete.
- 6715529 – Grand Blanc HS – Rescreened/Complete
- 6715524 – Grand Blanc HS – Field crews could not find. Either buried or removed. -Will Check
- 7729758 – City of Burton – Tested above the threshold for Ammonia – Added to revisit list.
- 7809001 – Davison Township – Form was missing – Outfall was rescreened & is complete.

Please let me know if you any questions about his batch of forms.

Thanks

Jenna

Jenna Troppman, PE | Water Resources Engineer
Direct (313) 224-9803 | jenna.troppman@tetrattech.com

Tetra Tech | Complex World, Clear Solutions™
615 Griswold, Ste.1000B Detroit, MI 48226 | tetrattech.com

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IDEP Change / Add / Delete form

Date 8/17/2022

Current Conditions

Structure # 6715530

Owner GC School

Change

Addition: New # _____

Delete

Explanation: this is pond emergency overflow
swale. not used pond outlet is
6715529

Changed in GIS

Storm Line N/A

Municipal line Removed

Municipal Outfall Removed

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

0253

TE has

PID: 300-004

72-inches; Dr# 0385

11920
PID: 300-007

6715530REM

6715529

6715524

6715528

6715531



IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 6717001

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS

DRAINS TO 6708508

Storm Line no Δ

Municipal line } Do not remove

Municipal Outfall } Δ priority to none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



IDEP Change / Add / Delete form

Date 3-21-23

Current Conditions

Structure # 7605757

Owner GCDC

Change

Addition: New # _____

Delete

Explanation: move outlet to end of pipe
@ Rd ROW.

to -83.773848, 43.833595

Changed in GIS

Storm Line N/A

Municipal line N/A

Municipal Outfall moved

Scanned to IDEP Files

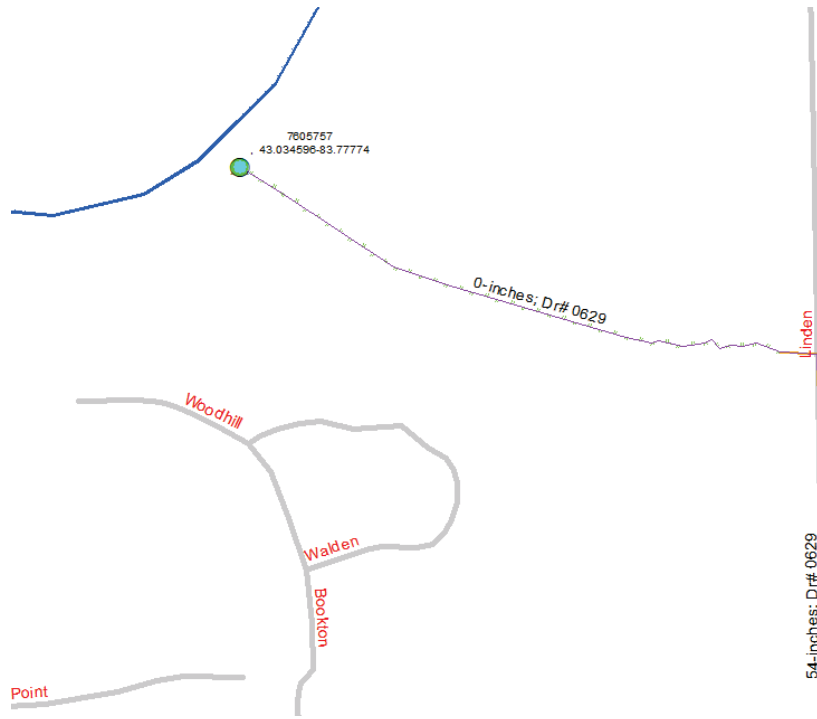
K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

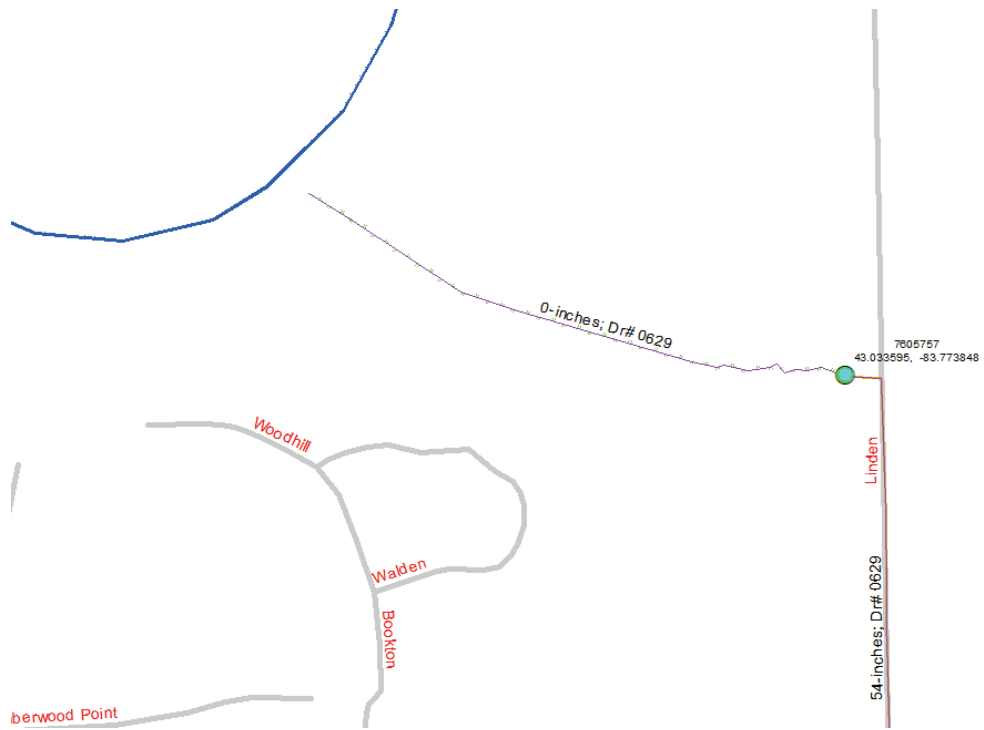
Date _____

map is on Digital copy

Before



After



IDEP Change / Add / Delete form

Date 8-19-2022

Current Conditions

Structure # 7614752

Owner GC School

Change

Addition: New # _____

Delete

Explanation: During dry WS staff found outlet
not connected into Rd & structure shows
bulkheaded upstream structure has solid lid
& was dry WS but does not outlet - Remove

Changed in GIS

Storm Line no change

Municipal line Removed

Municipal Outfall Removed

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Hogan, Susanne

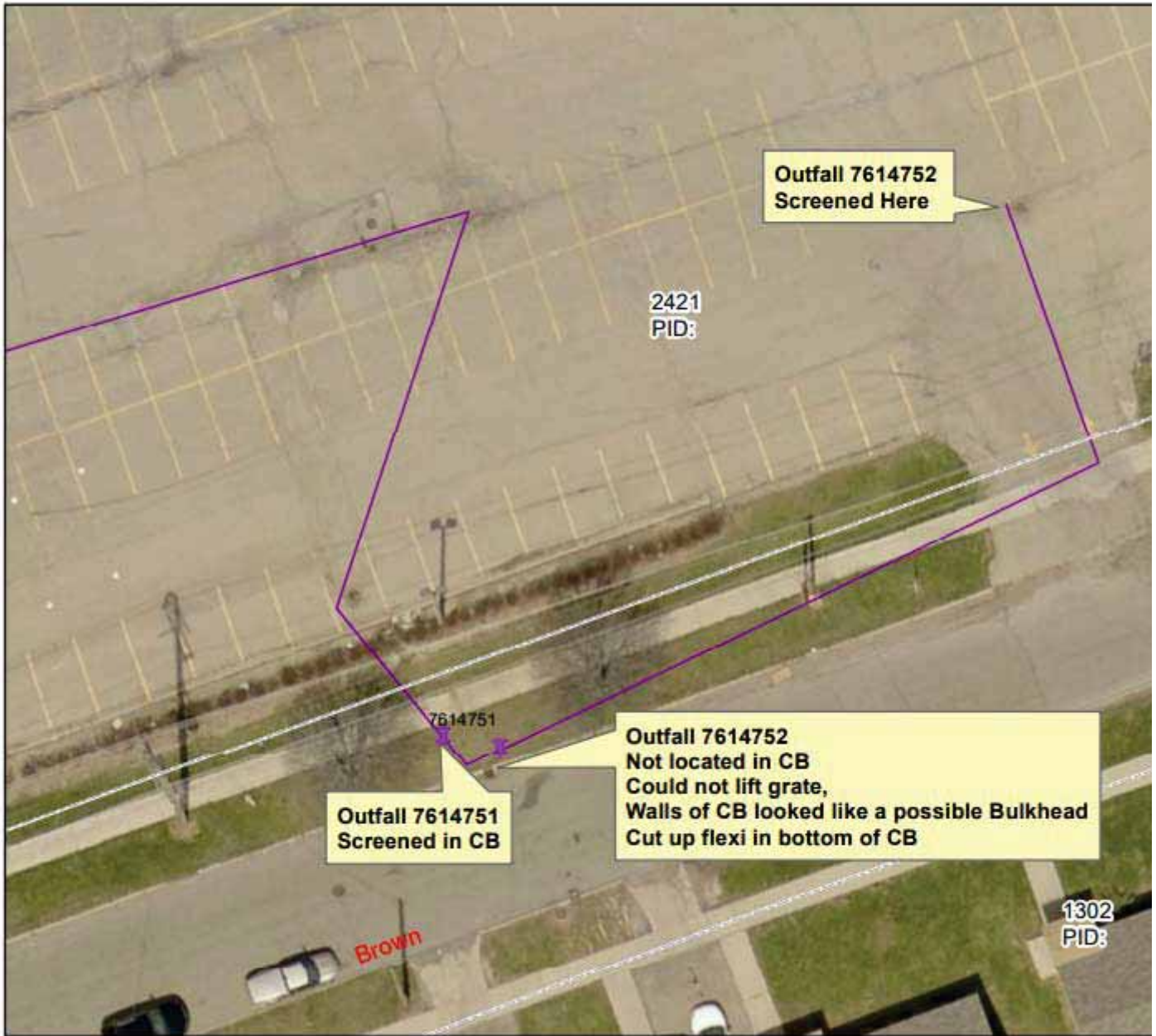
From: Kronenberg, Heather
Sent: Monday, May 2, 2022 11:53 AM
To: Hogan, Susanne
Subject: Outfall #7614752-to eliminate?

Sue,

In my IDEP screening wanderings, I have identified another one to eliminate. Map is below.

There was no place to possibly screen it other than the curb basin and where I actually did screen it at the parking lot inlet. I don't know what is happening with the parking lot inlet, but it is at the top of a hill, and the cover is not made to accept water. So most of the water isn't even getting into the inlet. (see pic below) In the curb basin, there was no outfall from that direction, only from outfall#7614751. There is a rough parch in the wall of the basin where the outfall should be. Photo of the basin is below.

Outfall #7614752



Outfall #7614752-1, in parking lot of abandoned school



Curb Basin in street with cut black flexi & rough patch in wall where probable bulkhead is.

Date/Time: Friday, April 27, 2022 4:20:24 PM EDT



IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 7615501
7615502

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCRC 7616752

Storm Line no Δ needed

Municipal line

Municipal Outfall

} Do not delete
Δ priority = none

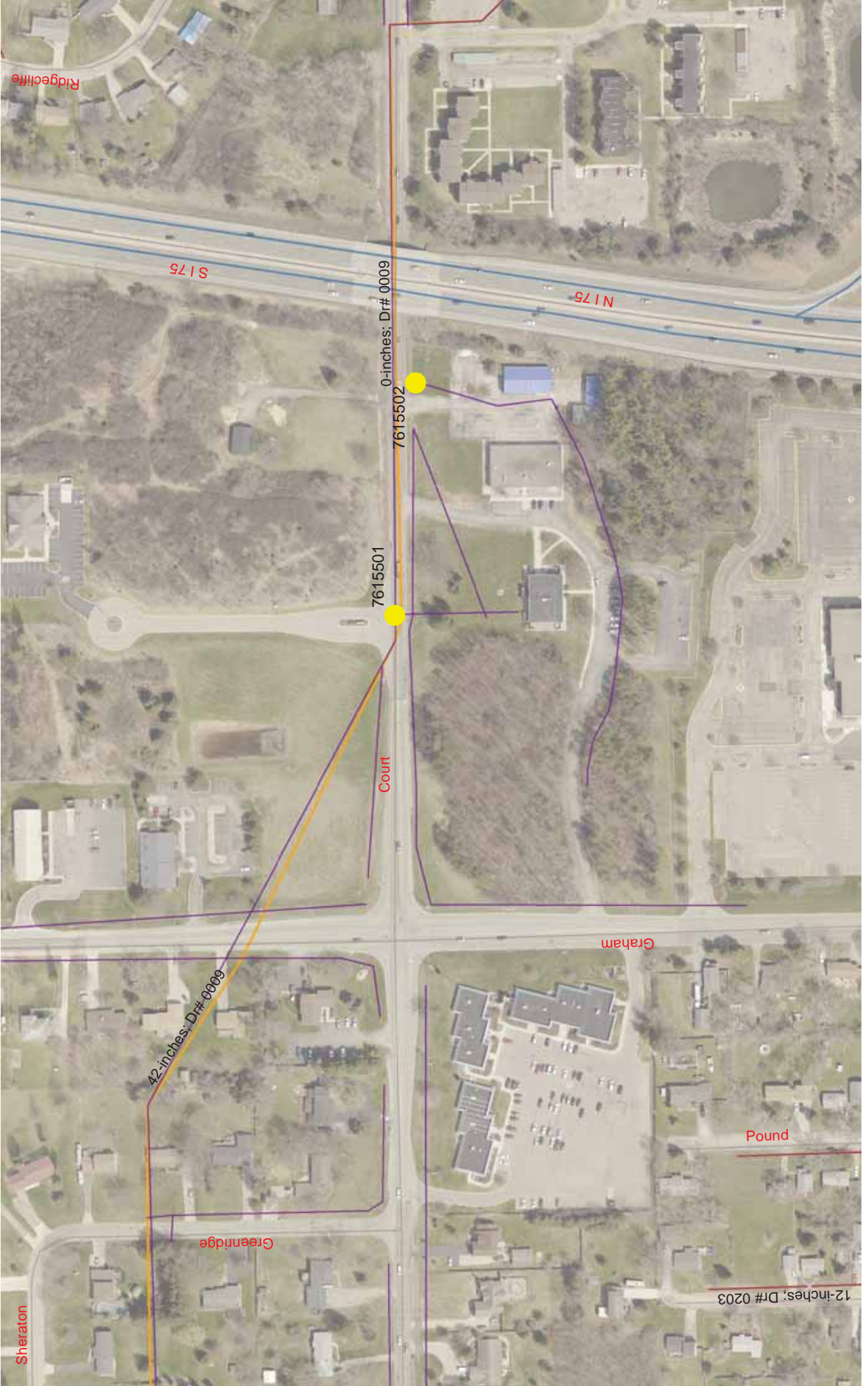
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Ridgecliffe

S 175

N 175

0-inches; Dr# 0009

7615501

7615502

Court

Sheraton

42-Inches; D# 0009

Greenridge

Graham

Pound

12-Inches; D# 0203

IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 7622501

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCRC 7616751

Storm Line N/A

Municipal line }
 Municipal Outfall } Delete = no
priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS Date _____

TE 4/21



Lodge

Beveridge
7622501

Graham

0-inches; D# 0008

IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 7629251

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCDC 7620751

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = N/A
priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Linden

Newport

18-inches; Dr# 1434

7620751

42-inches; Dr# 1434

30-inches; Dr# 1434

Lennon

Dye

7629251

3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7633513

Owner GCOC

Change

Addition: New # _____

Delete

Explanation: this is not a ms4 It was
selected originally to err on side of caution
this is point in Natural water course ~~take~~
where leaves our jurisdiction - stops Being a Drain

Changed in GIS

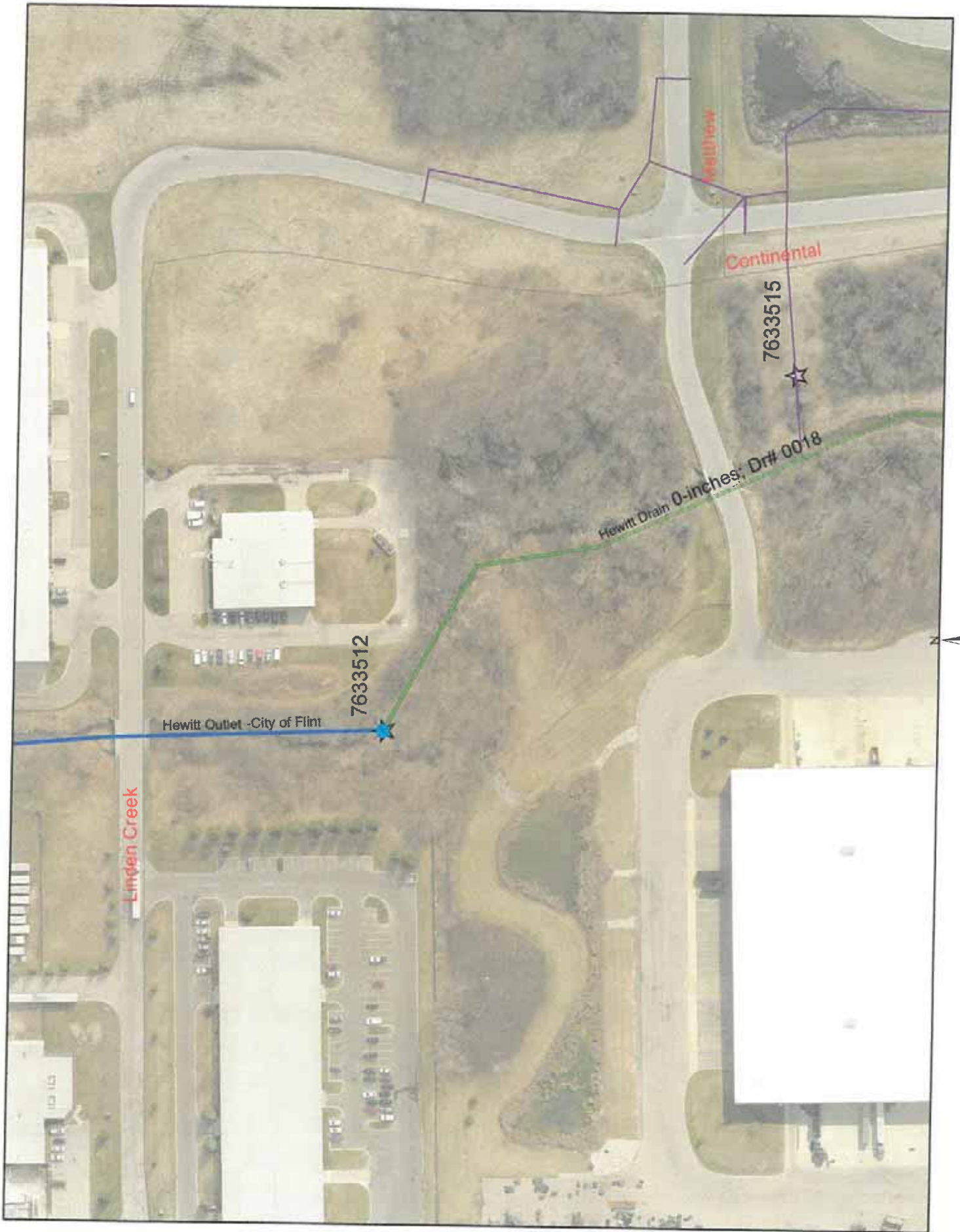
Storm Line no change

Municipal line Removed

Municipal Outfall Removed

Changed in IDEP Files

Changed on MI WATERS



Linden Creek

Hewitt Outlet - City of Flint

7633512

Hewitt Drain 0-inches, Dr# 0018

Continental

Matthew

7633515



IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 7703252

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 7702002

Storm Line N/A

Municipal line } Delete = NO

Municipal Outfall } priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

T64/21



7702010
7702011
7702002

Genesee

18-inches; Dr# 0776

Hebert

7703252

Cashin

Harmony

8-inches; Dr# 0812

Linda

21-inches; Dr# 0812

Melody

30-inches; Dr# 0146

0-inches; Dr# 0771

Covert

8-inches; Dr# 0772

18-inches; Dr# 0773

Potter

Weston

Thom

IDEP Change / Add / Delete form

Date 5-13-22

Current Conditions

Structure # 7704251

Owner GC-school

Change

Addition: New # _____

Delete

Explanation: field verified location of
outfall different than original shown
(43.040901, -83.643921)

Changed in GIS

Storm Line add city pipe

Municipal line change

Municipal Outfall move

Scanned to IDEP Files **SCANNED**

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS Date _____

Hogan, Susanne

From: Kronenberg, Heather
Sent: Wednesday, May 11, 2022 11:23 AM
To: Hogan, Susanne
Subject: Outfall#~~770251~~
7704251

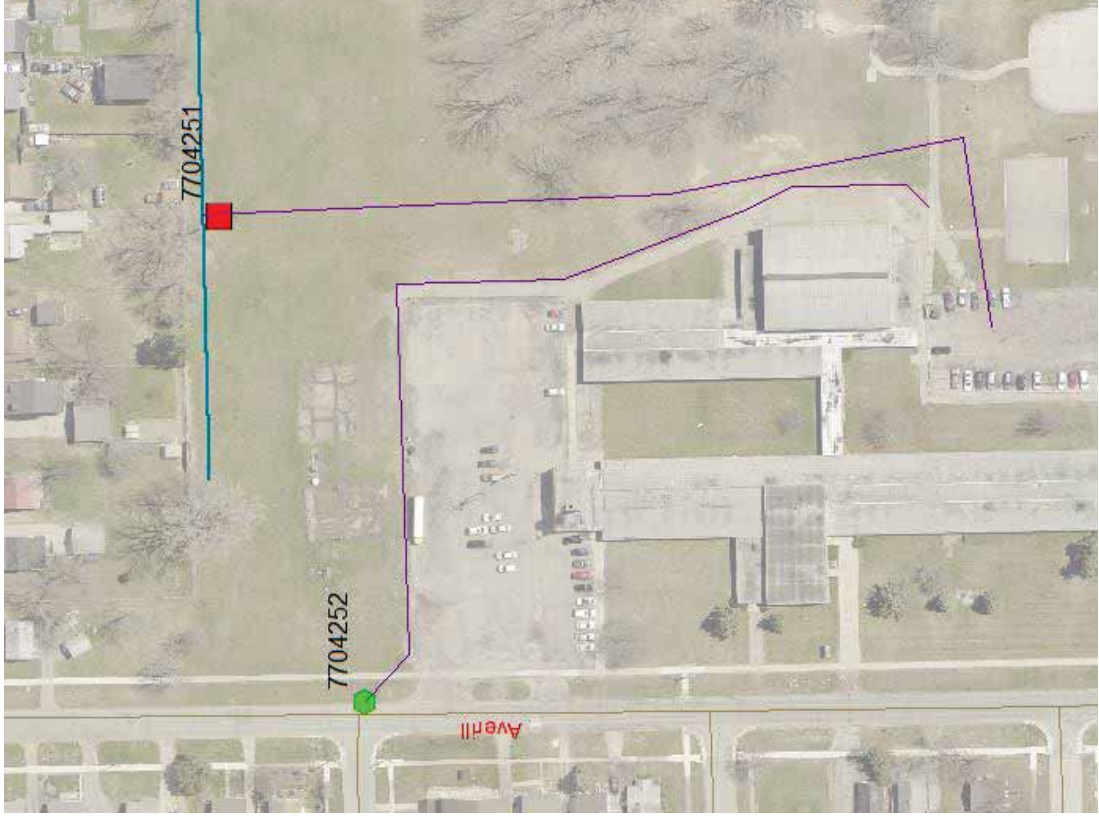
Sue,

A map of what I found for outfall #~~770251~~ 7704251 is below. The school drain from the south was flowing on 5/6/22. No outfall at the street. I went back to the structure along the northern property line of the school. There was flow from the school property into the 30" RCP heading west toward Averill.



***Heather Kronenberg
Engineering Assistant
Genesee County Drain Commissioner
Surface Water Management
810.732.1590 Office
810.732.1474 Fax
hkronenberg@geneseecountymi.gov***

After



Before



11-22-21

IDEP Change / Add / Delete form

Current Conditions

Structure # 7707753

Owner Flint Schools Board of Ed

Change

Addition: New # _____

Delete

Explanation: Since 2014 when outfall was identified, Flint Schools sold property eliminating outfall under this permit

Changed in GIS

Storm Line added to non grade

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files scanned

Changed on MI WATERS

Property highlighted in Blue

2014 Flint school board of Ed = owner

2021 Ruth Mott foundation = owner

OUTfalls (POD) = 7707753
7707755



IDEP Change / Add / Delete form

Current Conditions

Structure # 7707754

Owner Flint Schools Board of Ed

Change

Addition: New # _____

Delete

Explanation: Since 2014 when outfall
was identified, Flint Schools sold property
eliminating outfall under this permit

Changed in GIS

Storm Line added to non-gedc

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Property High lighted in Blue

2014 owner = Flint schools Board of Ed

2021 owner = Flint Cultural Center Corp.

Outfalls 7707754

& 7707756



IDEP Change / Add / Delete form

Current Conditions

Structure # 7707755

Owner Flint Schools Board of Ed

See 7707753 for map

Change

Addition: New # _____

Delete

Explanation: Since 2014 when outfall was identified, Flint Schools sold property eliminating outfall under this permit

Changed in GIS

Storm Line *added to non GCDC*

Municipal line *deleted*

Municipal Outfall *deleted*

Changed in IDEP Files *scanned*

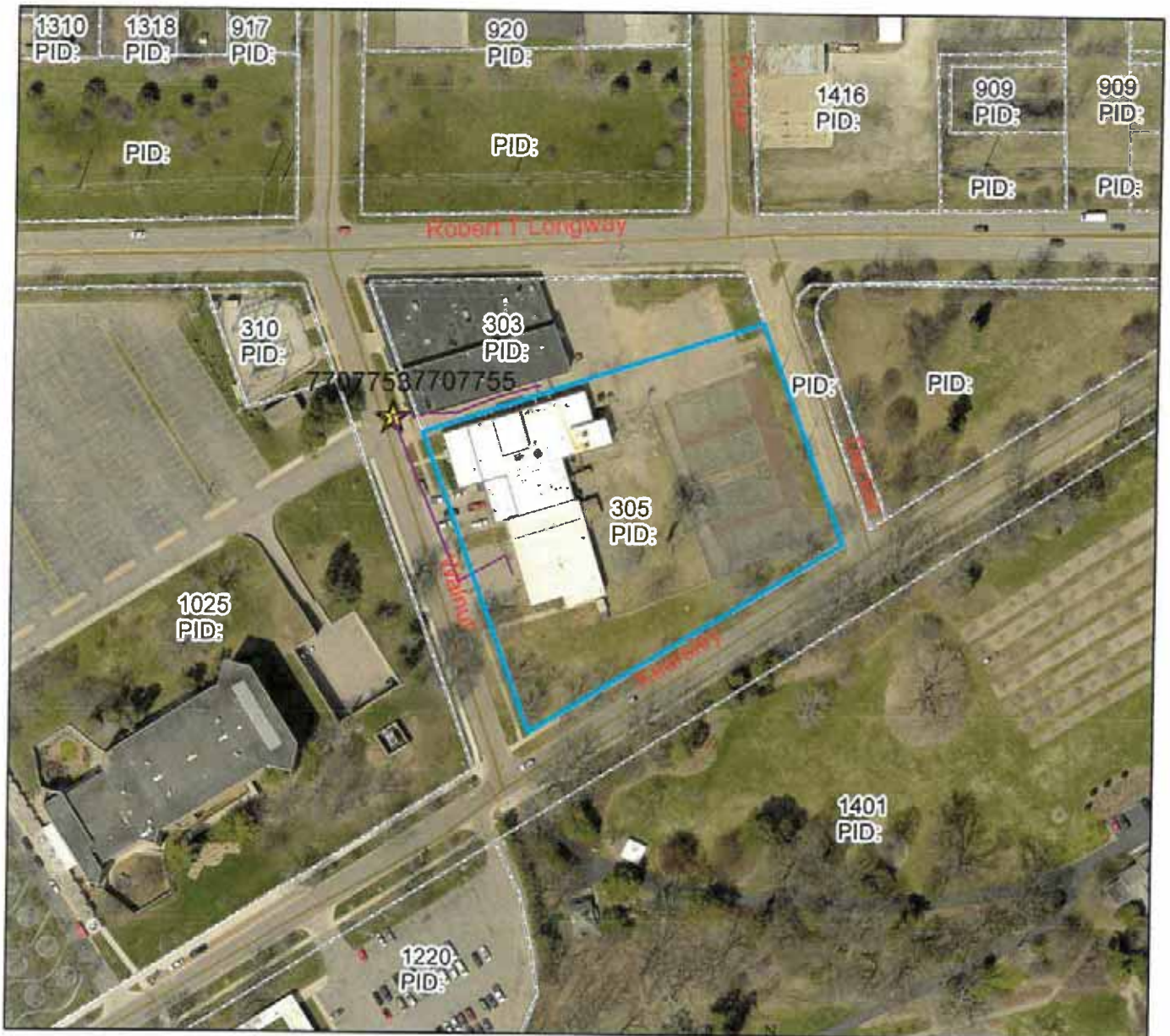
Changed on MI WATERS

Property highlighted in Blue

2014 Flint school board of Ed = owner

2021 Ruth Mott foundation = owner

OUTfalls (POD) = 7707753
7707755



IDEP Change / Add / Delete form

Current Conditions

Structure # 7707756

Owner

Flint Schools Board of Ed

Change

see 7707754 for map

Addition: New # _____

Delete

Explanation: Since 2014 when outfall

was identified, Flint Schools sold property

Eliminating outfall under this permit

Changed in GIS

Storm Line *added to non gdc line*

Municipal line *deleted*

Municipal Outfall *deleted*

Changed in IDEP Files *Scanned*

Changed on MI WATERS

Property High lighted in Blue

2014 owner = Flint schools Board of Ed

2021 owner = Flint Cultural Center Corp.

OUTfalls 7707754
& 7707756



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 7713501
7713502
7713503

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 7714016

Storm Line

Municipal line N/A

Municipal Outfall } Delete = no

Scanned to IDEP Files } priority = none

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE
4/21



15-inches; Dr# 0624

12-inches; Dr# 0370

15-inches; Dr# 0293

Genevieve

Blanch

Roberta

7713503

7713502

7713501

30-inches; Dr# 0293

12-inches; Dr# 0441

2020
updated 11/22/2021

IDEP Change / Add / Delete form

Current Conditions

Structure # 7716001

Owner (Genesee Co thru)
Flint schools

Change

Addition: New # _____

Delete

Explanation: property sold 2018-2019

see attached email

Changed in GIS

Storm Line added to NonGCDB

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Property highlighted in Blue

2014 owner = Flint School Board of Ed (Bus garage)
2021 owner = Ship up LLC

outfalls 7716001
7716002
7716003



Hogan, Susanne

From: Hogan, Susanne
Sent: Wednesday, April 15, 2020 4:26 PM
To: 'Boyer, Barney (EGLE)'; 'rrenaud@flintschools.org'
Subject: RE: New Facility

Hello,

Hope all is well. I spoke to Rachel Renaud with Flint Schools. She has been able to get me answers. Flint schools sold the property to a private company, Ship up, LLC some time in 2018 or 2019. Apparently there are UST on the property. The school does not own nor operate/maintain the property. The only exception by an agreement- the school still owns (maintains) the UST only on the parcel. (Flint schools would hold any necessary permits under their name not the County)

Per Ms. Renaud, Ship up, LLC has a lease or rental agreement with First Student to operate on this property.

There has been NO conversation between this office and Ship Up or First Student about nesting. There are no agreements where Genesee County nested private companies. We officially refute the statement "no longer need an industrial discharge permit for 3086 E Court street because they will be discharging under Genesee County's permit. " in the submission HNW-JSZN-88CMP by First Student.

I have no knowledge of any discharge off this parcel. This parcel is in the City of Flint and would discharge to their MS4 if there is a discharge. Once the school sold this parcel, it no longer would be a County MS4. I will have to check if it was officially removed from our MS4 list. We will be submitting the yearly changes to the County's MS4's once we receive all our nested questionnaires. The Covid shutdown has caused delays to parts of our submissions. Should be in the next month or 2.

*Sue Hogan
Drain Engineer
Genesee County Drain Commissioner
Surface Water Management
810.732.1590 Office
810.732.1474 Fax*

From: Hogan, Susanne
Sent: Friday, March 20, 2020 2:14 PM
To: 'Boyer, Barney (EGLE)' <BoyerB2@michigan.gov>
Subject: RE: New Facility

Hello,

I was not explicit in my email I sent 10 minutes ago, but the parcel owner is shown to be Ship Up, LLC not Flint Schools anymore. We have no relationship with Ship up and do not nest any private company. So no, this parcel is not owned by the county or its nested jurisdiction. Once I see industrial permit, I will check with Flint Schools to make sure they are not maintaining the property through some agreement with the new owner.

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Drain Engineer
Genesee County Drain Commissioner
Surface Water Management
810.732.1590 Office
810.732.1474 Fax*

From: Boyer, Barney (EGLE) [<mailto:BoyerB2@michigan.gov>]
Sent: Friday, March 20, 2020 11:35 AM
To: Hogan, Susanne <shogan@co.genesee.mi.us>
Cc: McLain, Danielle (EGLE) <McLainD2@michigan.gov>
Subject: RE: New Facility

Hi Sue,

Is this facility currently being owned or operated by the county?
School facility: (3086 East Court Street Flint, MI)

Best,

Barney Boyer

MS4 & Nonpoint Source
Environmental Quality Analyst
Water Resources Division – Lansing District Office
Michigan Department of Environment, Great Lakes, and Energy
517-290-4597 | boyerb2@michigan.gov
[Follow Us|Michigan.gov/EGLE](https://www.michigan.gov/EGLE)



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Sent: Friday, March 20, 2020 10:17 AM
To: Susanne Hogan (shogan@co.genesee.mi.us) <shogan@co.genesee.mi.us>
Cc: McLain, Danielle (EGLE) <McLainD2@michigan.gov>
Subject: New Facility

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Thank you,

Barney Boyer

MS4 & Nonpoint Source

Environmental Quality Analyst

Water Resources Division – Lansing District Office

Michigan Department of Environment, Great Lakes, and Energy

517-290-4597 | boyerb2@michigan.gov

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2020 updated 11/22/202

IDEP Change / Add / Delete form

Current Conditions

Structure # 7716002

Owner Flint schools (Genesee Co thru)

Change

See 7716001 for documents

Addition: New # _____

Delete

Explanation: property sold 2018-2019

see attached email

Changed in GIS

Storm Line added to NonGCDE

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Property highlighted in Blue

2014 owner = Flint school Board of Ed (Bus garage)
2021 owner = Ship up LLC

outfalls 7716001
7716002
7716003



Hogan, Susanne

From: Hogan, Susanne
Sent: Wednesday, April 15, 2020 4:26 PM
To: 'Boyer, Barney (EGLE)'; 'rrenaud@flintschools.org'
Subject: RE: New Facility

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School facility: (3086 East Court Street Flint, MI)

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MS4 & Nonpoint Source
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Sent: Friday, March 20, 2020 10:17 AM
To: Susanne Hogan (shogan@co.genesee.mi.us) <shogan@co.genesee.mi.us>
Cc: McLain, Danielle (EGLE) <McLainD2@michigan.gov>
Subject: New Facility

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MS4 & Nonpoint Source

Environmental Quality Analyst

Water Resources Division – Lansing District Office

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517-290-4597 | boyerb2@michigan.gov

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2020
updated 11/22/202

IDEP Change / Add / Delete form

Current Conditions

Structure # 7716003

Owner

(Genesee Co thru)
Flint schools

Change

See 7716001 for documents

Addition: New # _____

Delete

Explanation: property sold 2018-2019

see attached email

Changed in GIS

Storm Line added to NonGCDB

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Property highlighted in Blue

2014 owner = Flint School Board of Ed (Bus garage)
2021 owner = Ship up LLC

outfalls 7716001
7716002
7716003



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3-9-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7723012

Owner Burton

Change

Addition: New # _____

Delete

Explanation: historic info indicated culdusac
drained ^{EAST} over land into ditch. Rd plans
show drains West into pipe & pipe flows
into ditch modify outfall to accurately
reflect (-83.60673, 43.00082)

Changed in GIS

Storm Line non GESC Layer

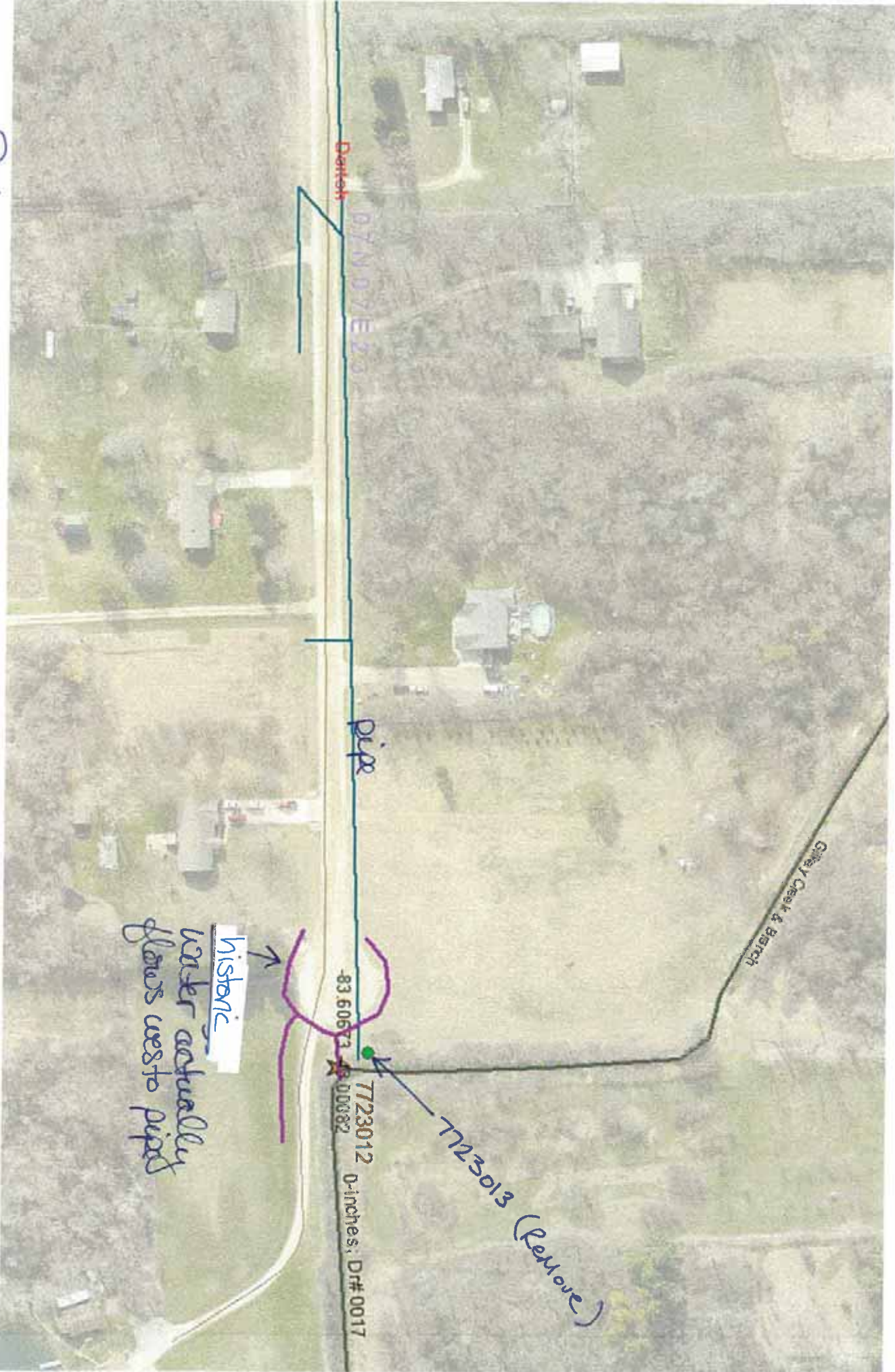
Municipal line fixed

Municipal Outfall moved to above lat/long

Changed in IDEP Files Scanned

Changed on MI WATERS

Before



historic
water actually
flows west to pipes

Ditch

D7N 071E 23

pipe

Gray Creek & Branch

83 60673

7723012

0-inches; Dr# 0017

7723013 (Remove)



Dorch

3711 071223

7723012

-83.50673, 43.00082

Gibby Creek & Branch

adjen extra outfall 7723013 Reversed

3-9-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7723013

Owner Burton

Change

Addition: New # _____

Delete

Explanation: 7723012 outfall here Lowe added
new outfall instead of modify 7723012.

SH fixed 7723012 & Delete 7723013

Changed in GIS

Storm Line line for 7723012

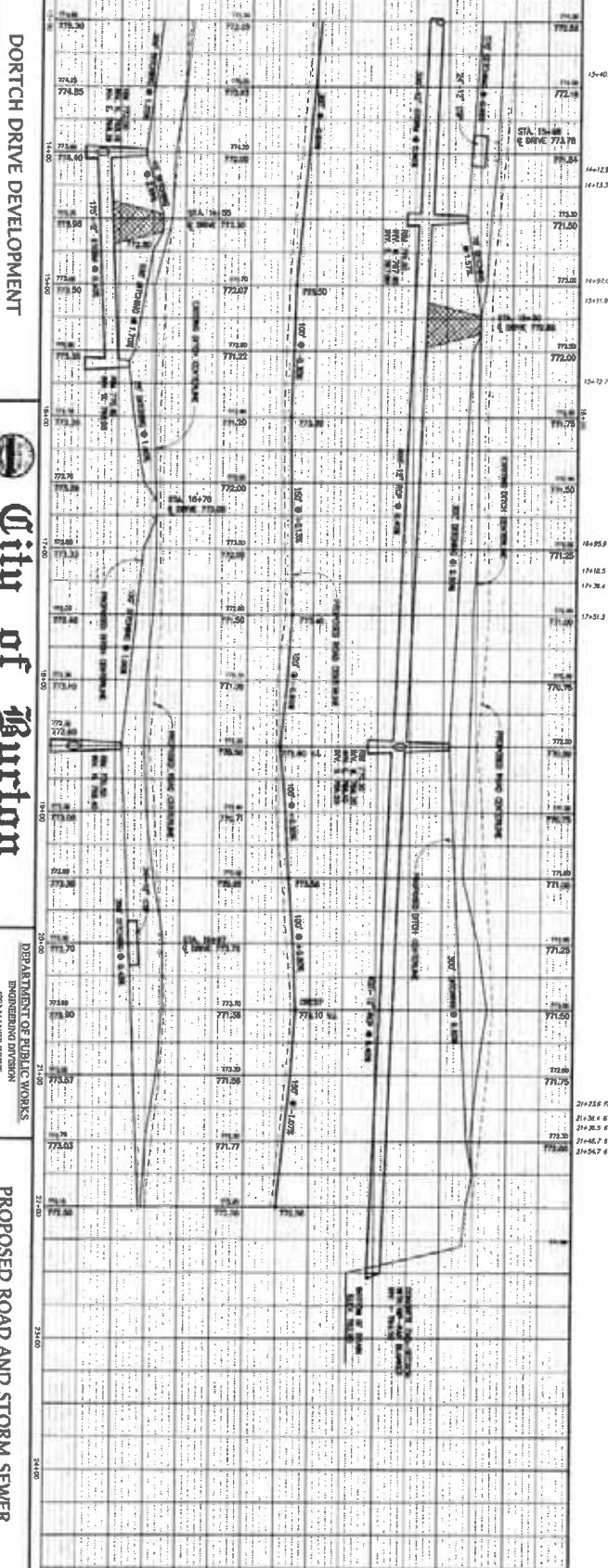
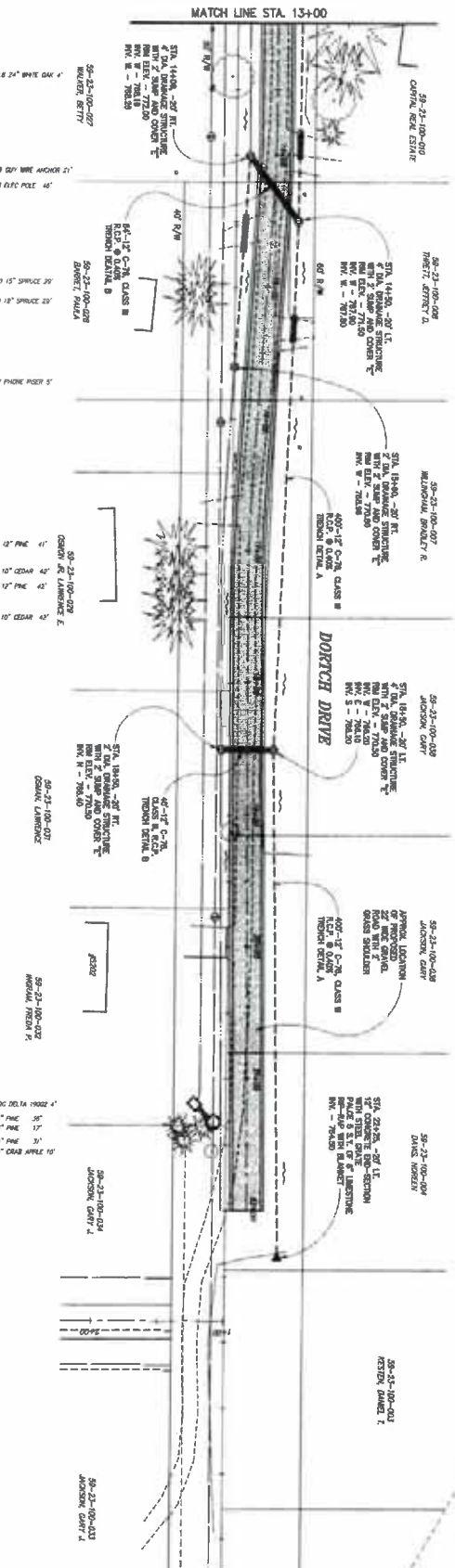
Municipal line fixed

Municipal Outfall removed

Changed in IDEP Files scanned

Changed on MI WATERS

12+50.0 15' PNE 85
 12+50.0 15' PNE 86
 12+50.0 24' RAIL 87
 12+57.2 24' RAIL 88
 12+58.7 24' RAIL 89
 12+58.7 24' RAIL 90
 12+58.7 24' RAIL 91
 12+58.7 24' RAIL 92
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 12+58.7 24' RAIL 199
 12+58.7 24' RAIL 200

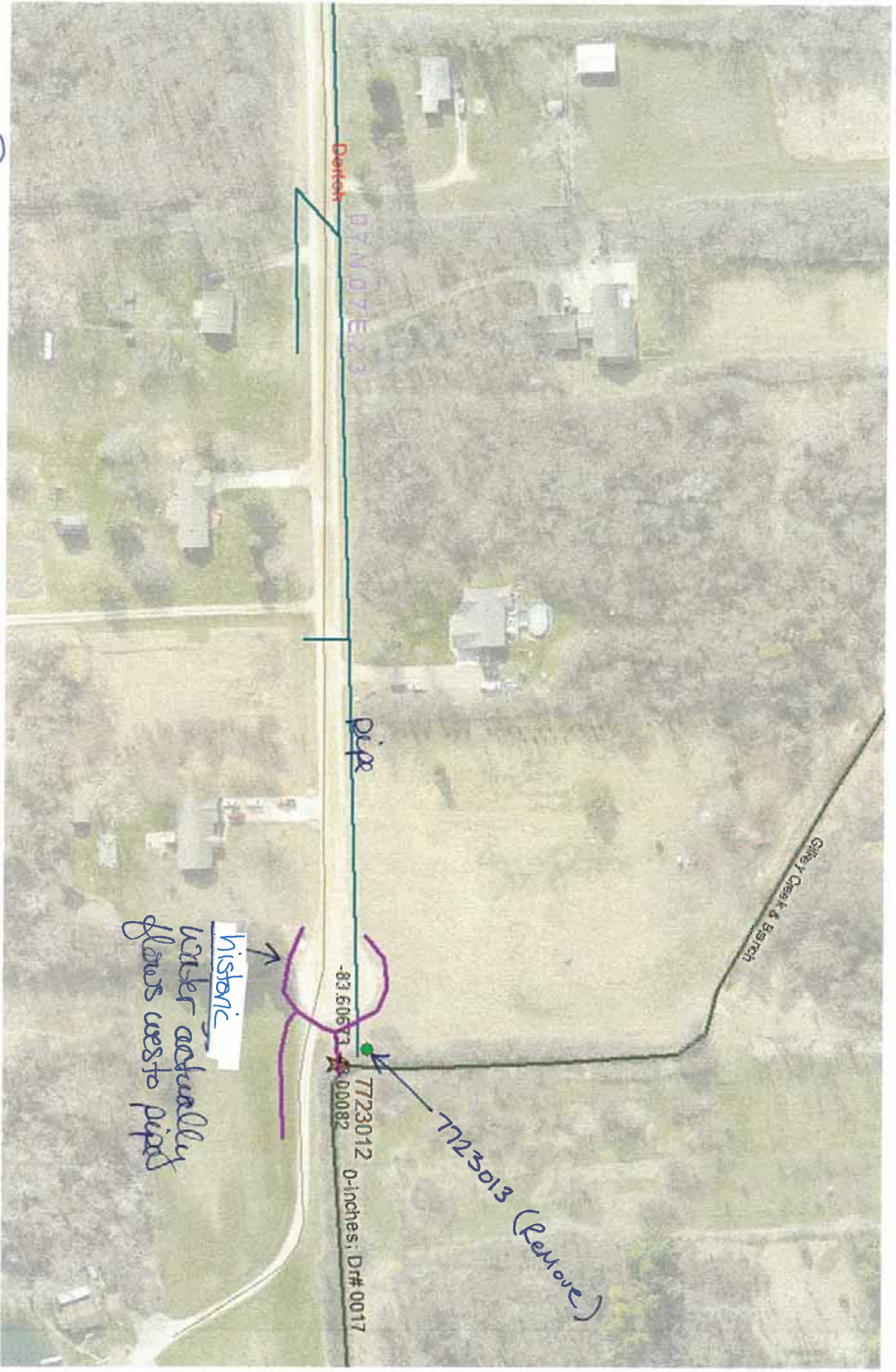


DORTCH DRIVE DEVELOPMENT
 City of Burton
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 BURTON, MICHIGAN 48419 PHONE: 562.0200
 PROPOSED ROAD AND STORM SEWER

DATE: 4-8-02
 BY: JAL
 CHECKED: JAL
 SHEET 2 OF 2

04-08-2002

Before



Dentok

BYNDVLE23

pipe

Great Creek & Birch

historical
water actually
flows west to pipes

7723013 (Remove)

83.60671

7723012

00082 0-inches; D# 0017



Dortch

7723013

7723012

Givoy Creek & Branch

43.00082
-83.50673

adjen
extra outfall 7723013 Reversed

3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7727753
7727761

Owner GC-School

Change 7727762

Addition: New # 7727753, 7727761, 7727762

Delete

Explanation: based on Arch Env updated
maps add new outfall

Changed in GIS

Storm Line added all

Municipal line added all

Municipal Outfall added all

Changed in IDEP Files **SCANNED**

Changed on MI WATERS

TE 3/31/22

Outfall to Pierson Branch
of Thread Creek
ATC-09.OP.OF
42.583447
-83.365479
7727762

Outfall to Pierson Branch
of Thread Creek
ATC-08.OP.OF
42.583437
-83.365225
7727761

Outfall to Pierson Branch
of Thread Creek
ATC-07.OP.OF
42.583437
-83.365225
7727753

Outfall to Pierson Branch
of Thread Creek
ATC-05.OP.OF
42.583437
-83.365225
7727756

12"

12"

6"

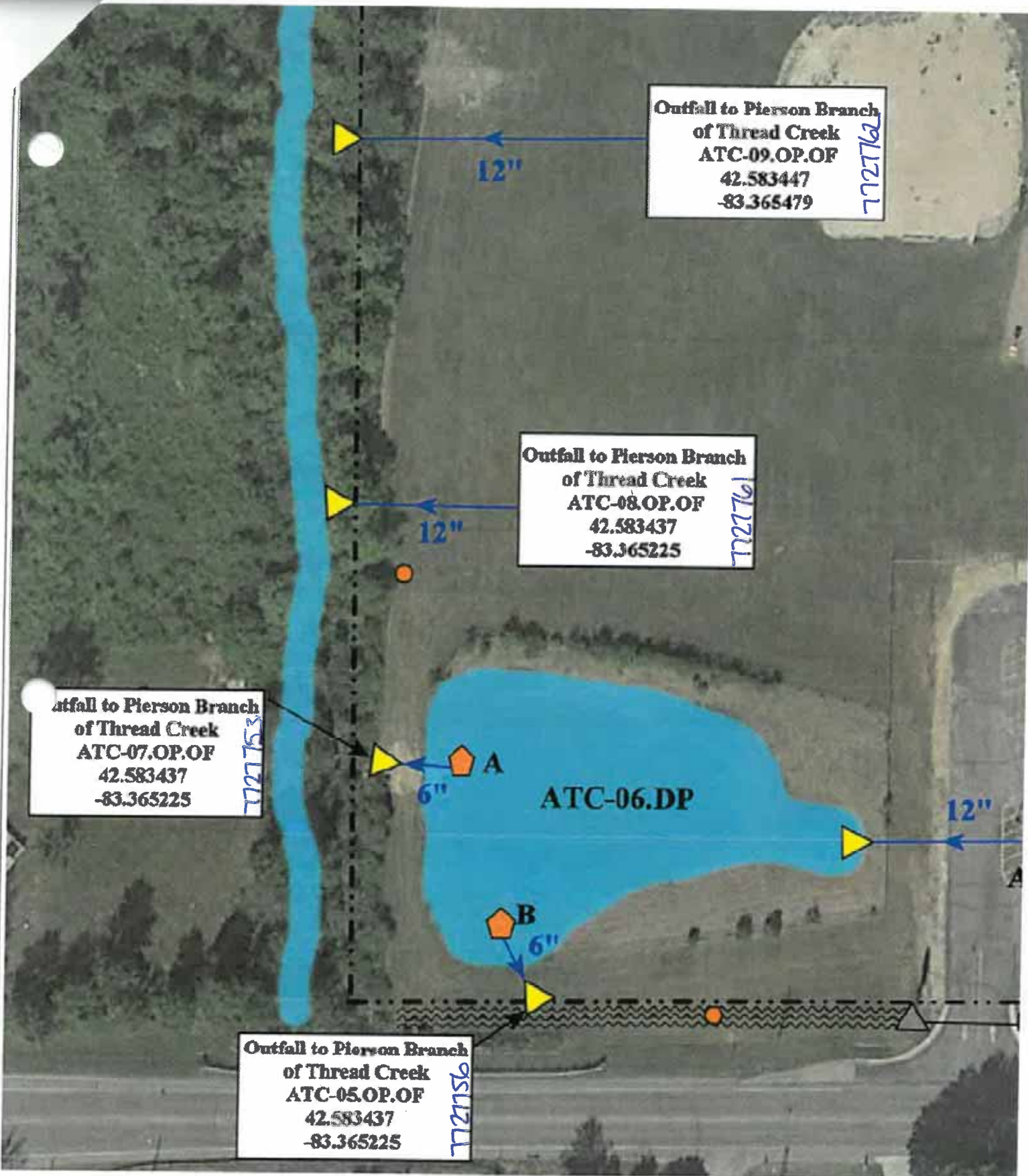
6"

12"

A

B

ATC-06.DP



3-31-22

IDEP Change / Add / Delete form

Current Conditions

Structure # 7727760

Owner GC School

Change

Addition: New # 7727760

Delete

Explanation: per Arch Environmental there
is drain swale to open Drain
E of track & field - added

Changed in GIS

Storm Line no - Do not draw in swales

Municipal line added

Municipal Outfall added

Changed in IDEP Files Scanned

Changed on MI WATERS

TZ 3/31/22

7727755


7727760



Outfall to Piscataway Branch
of Threat Creek
ATC-21.SCC, OF
42.686476
-83.3371583

Outfall to Piscataway Branch
of Threat Creek
ATC-33.SCC, OF
42.686476
-83.3371583

Google Earth

3354 S Genesee Rd, Burton, MI 48519	Revision Date: 10/08/2020
Atherton High School, Elementary School, Administration/Transportation Complex	Drawn by: AP
Atherton Community Schools	Reviewed: JP
	Page #: 1 of 3
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0163 Fax: 248-427-0305	Scale: Not to Scale



-  = Catch Basin
-  = Infiltration Basin
-  = Manhole
-  = Drainage Receptor
-  = Open Pipe Outlet
-  = Stormwater Conveyance Channel
-  = Detention Pond
-  = Sanitary
-  = Culvert
-  = Offsite MS4

3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7727753
7727761

Owner GC-School

Change 7727762

Addition: New # 7727753, 7727761, 7727762

Delete

Explanation: based on Arch Env updated
maps add new outfall

Changed in GIS

Storm Line added all

Municipal line added all

Municipal Outfall added all

Changed in IDEP Files **SCANNED**

Changed on MI WATERS

TE 3/31/22

Outfall to Pierson Branch
of Thread Creek
ATC-09.OP.OF
42.583447
-83.365479
7727762

Outfall to Pierson Branch
of Thread Creek
ATC-08.OP.OF
42.583437
-83.365225
7727761

Outfall to Pierson Branch
of Thread Creek
ATC-07.OP.OF
42.583437
-83.365225
7727753

Outfall to Pierson Branch
of Thread Creek
ATC-05.OP.OF
42.583437
-83.365225
7727756

12"

12"

6"

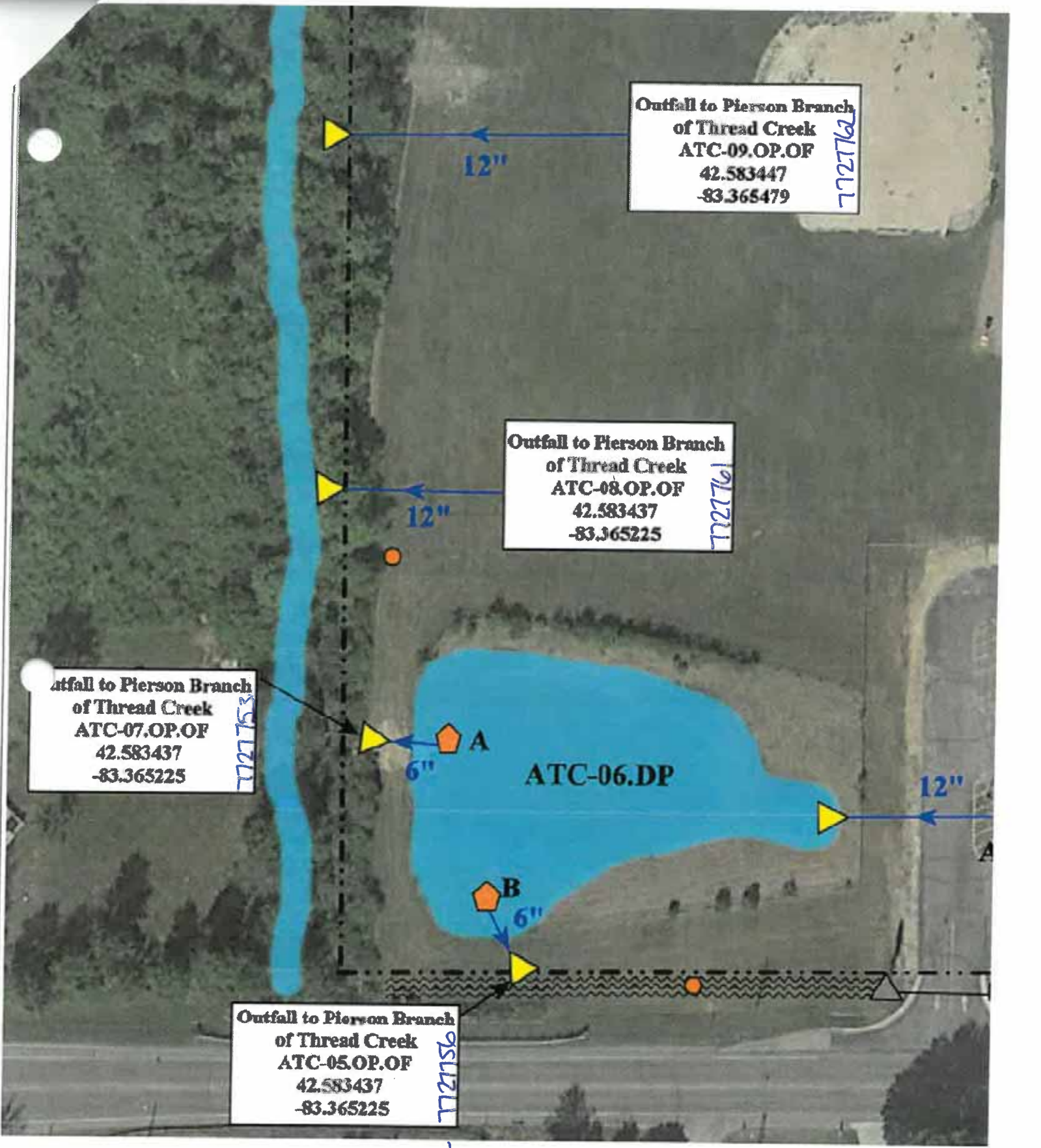
6"

12"

A

B

ATC-06.DP



3-30-2022

IDEP Change / Add / Delete form

Current Conditions

Structure # 7727753
7727761

Owner GC-School

Change 7727762

Addition: New # 7727753, 7727761, 7727762

Delete

Explanation: based on Arch Env updated
maps add new outfall

Changed in GIS

Storm Line added all

Municipal line added all

Municipal Outfall added all

Changed in IDEP Files **SCANNED**

Changed on MI WATERS

TE 3/31/22

Outfall to Pierson Branch
of Thread Creek
ATC-09.OP.OF
42.583447
-83.365479
7727762

Outfall to Pierson Branch
of Thread Creek
ATC-08.OP.OF
42.583437
-83.365225
7727761

Outfall to Pierson Branch
of Thread Creek
ATC-07.OP.OF
42.583437
-83.365225
7727753

Outfall to Pierson Branch
of Thread Creek
ATC-05.OP.OF
42.583437
-83.365225
7727756

12"

12"

6"

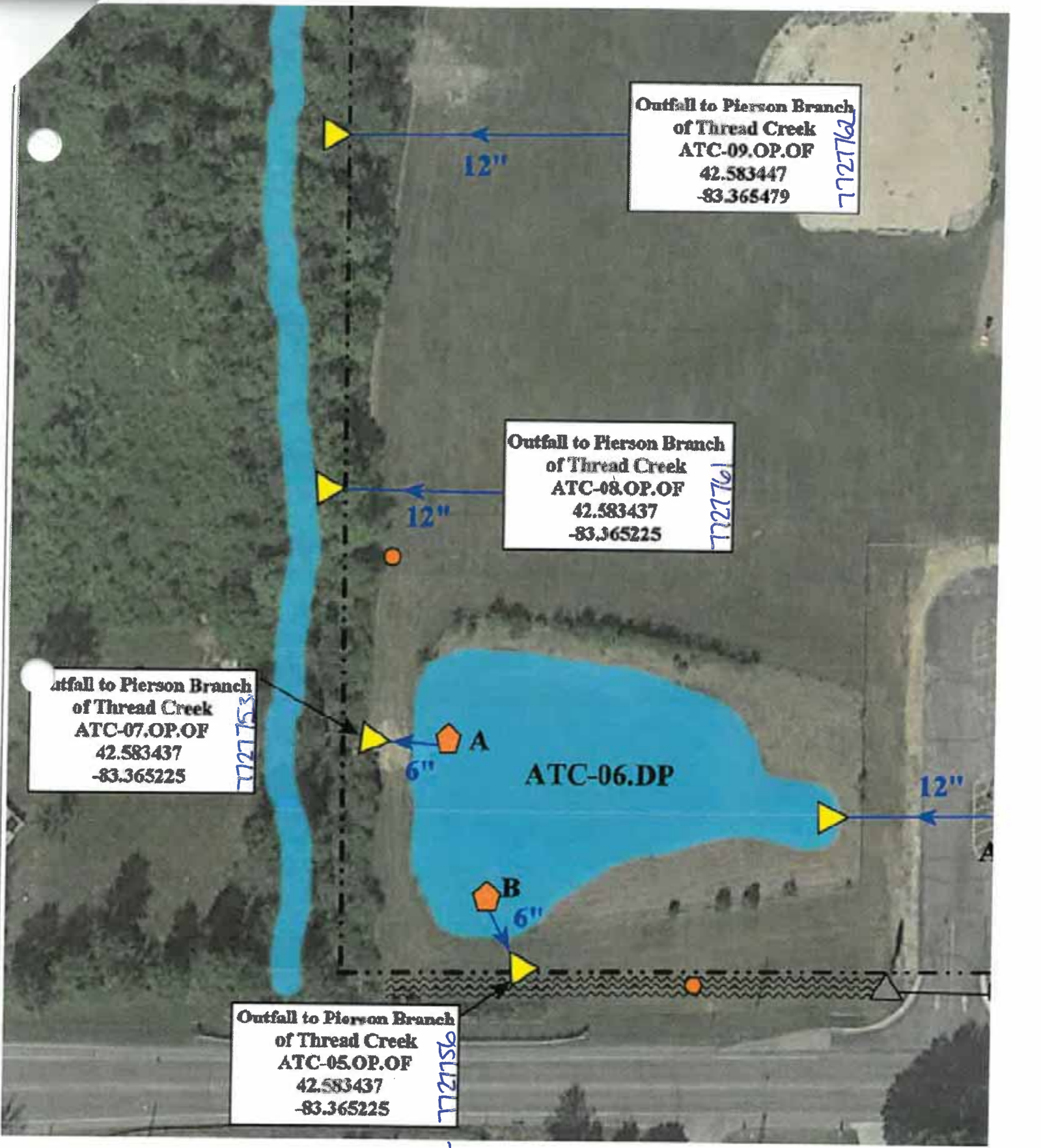
6"

12"

A

B

ATC-06.DP



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 7729503

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 7729502

Storm Line

Municipal line N/A

Municipal Outfall } Delete = no

Scanned to IDEP Files } priority = none

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Tt 4/21/22



Barcey

Columbine

Griffith

72-inches; Dr# 1380

54-inches; Dr# 0320

7729503

Schlam & Ext
58-inches; Dr# 1380

48-inches; Dr# 1380

0-inches; Dr# 0320

James
24-inches; Dr# 0320

Barnes

Kenneth

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 7731258
7731259

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 7625251

Storm Line

Municipal line N/A

Municipal Outfall } Delete = no

Scanned to IDEP Files } Priority = none

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



7730761 0-inches; Dr# 0145

18-inches; Dr# 0145

24-inches; Dr# 0145

54-inches; Dr# 0145

Morrison

Morrison

Natalie

Boatfield

Cerdan

7731255 7731256

7730760

7731253 7731254

7731258

7731259

Greenly

18-inches; Dr# 1606

Somers

7730758 7730759

Bristol

IDEP Change / Add / Delete form

Date 5-13-22

Current Conditions

Structure # 7731260

Owner GC-School

Change

Addition: New # _____

Delete

Explanation: School demo bldgs. Field work
per email. MS4 pipes not taking water. Outlet
in Road has been bulkheaded ^{from} ~~between~~ property
no point discharge. only pot shaftflow.

Changed in GIS

Storm Line N/A

Municipal line

Municipal Outfall

} Delete from layer = no
Δ to priority none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Hogan, Susanne

From: Kronenberg, Heather
Sent: Monday, December 20, 2021 10:35 AM
To: Hogan, Susanne
Subject: IDEP Outfall #7731260

Categories: Scanned to IDEP

Sue,

Below is the map of what I found at outfall #7731260 on 12/17/21. (5464 Horton Ave)

- Structure where tile crosses the road to GDC drain. Suspected bulkhead. Labeled photo also below.
- Curb basin just south of the structure. Only 1 tile that goes north up the curb, apparently to the structure that seems to be bulkheaded from the school property.
- E basin in a low grassy area – added the point, completed the screening. 1 tile in, 1 tile out.





*Heather Kronenberg
Engineering Assistant
Genesee County Drain Commissioner
Surface Water Management
810.732.1590 Office
810.732.1474 Fax
hkronenberg@geneseecountymi.gov*

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 7732251
7732252

Owner GC School

Change 7732258
7732259

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS all Drain to GCDC 7729502

Storm Line

Municipal line N/A

Municipal Outfall } Delete = no

Scanned to IDEP Files } priority = none

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21

IDEP Change / Add / Delete form

Date 4/22/20

Current Conditions

Structure # T132501

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 7625251

Storm Line

Municipal line N/A

Municipal Outfall } Delete = no
 } priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE
4/21



Webber

Brady

Columbine

12-inches; D# 0145

Morris

Fern

Savoy

15-inches; D# 0145

12-inches; D# 0145

7732501

Larkin

12-inches; D# 0475

IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809772, 773
774, 775

Owner GC-School

- Change 7809772
- Addition: New # 7809773
7809774
- Delete 7809775

Explanation: arch Env School map
shows adm infrastructure not previously
known

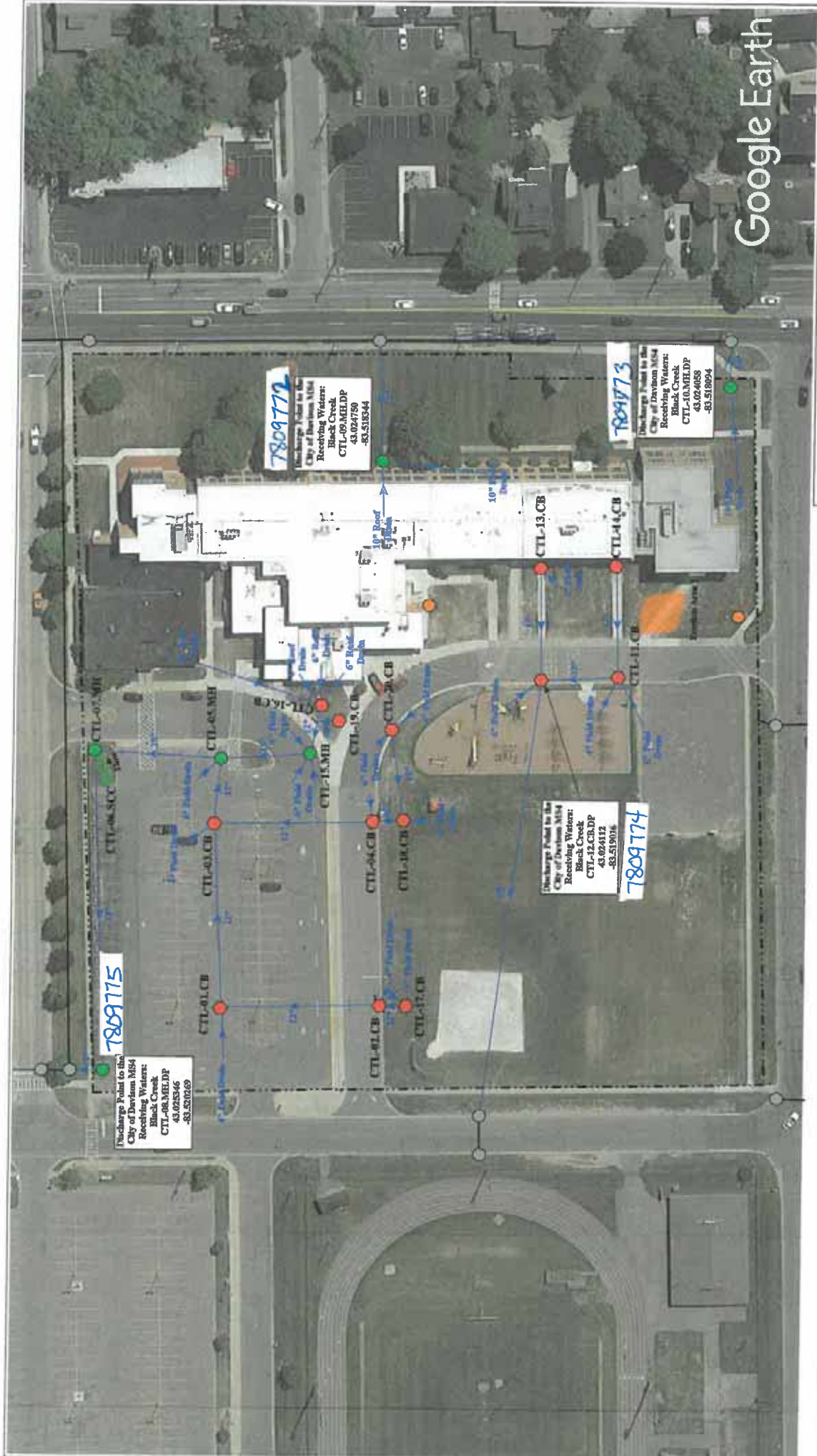
Changed in GIS

- Storm Line added
- Municipal line added
- Municipal Outfall added
- Scanned to IDEP Files scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

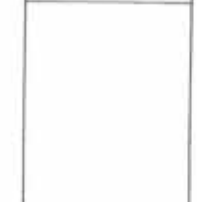
Changed on MI WATERS Date _____

TE 3/31/22



600 South State Road, Davison, Michigan 48423	
Revision Date:	11/11/2020
Drawn by:	JP
Reviewed:	AP
Page #:	1 of 1
Scale:	Not to Scale

Central Elementary School
 Davison Community Schools



37720 Interchange Drive
 Ferrington Hills, MI 48335
 Phone: 248-426-0165
 Fax: 248-427-0205

●	= Catch Basin
●	= Manhole
●	= Sanitary
○	= City of Davison MS4
- - -	= Property Boundary
~~~~~	= Stormwater Conveyance Channel

IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809772, 773  
774, 775

Owner GC-School

- Change 7809772
- Addition: New # 7809773  
7809774
- Delete 7809775

Explanation: arch Env School map  
shows adm infrastructure not previously  
known

Changed in GIS

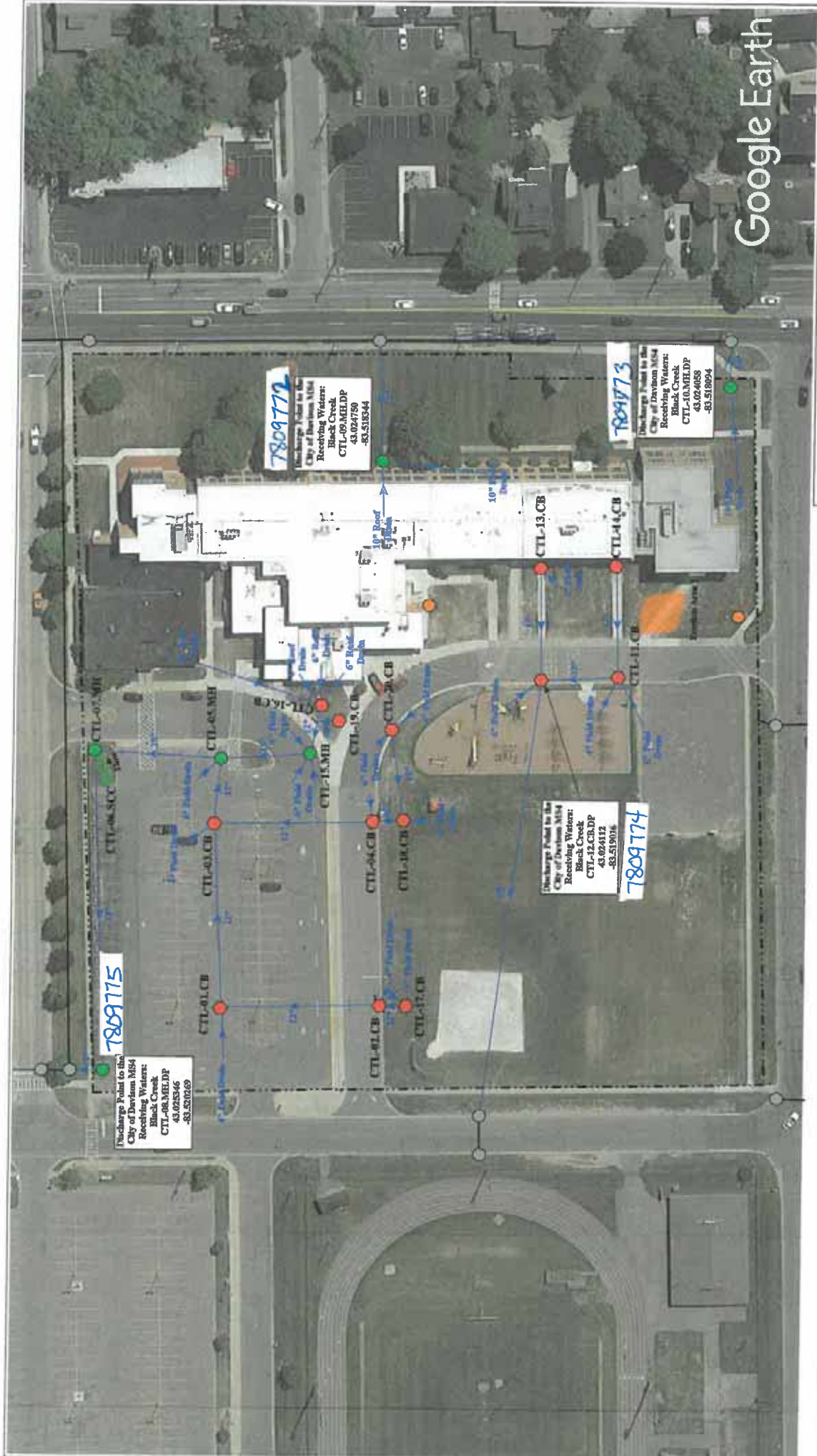
- Storm Line added
- Municipal line added
- Municipal Outfall added
- Scanned to IDEP Files scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS Date _____

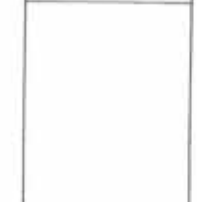
TE 3/31/22





600 South State Road, Davison, Michigan 48423	
Revision Date:	11/11/2020
Drawn by:	JP
Reviewed:	AP
Page #:	1 of 1
Scale:	Not to Scale

Central Elementary School  
 Davison Community Schools



37720 Interchange Drive  
 Ferrington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0205

●	= Catch Basin
●	= Manhole
●	= Sanitary
○	= City of Davison MS4
- - -	= Property Boundary
~~~~~	= Stormwater Conveyance Channel

IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809772, 773
774, 775

Owner GC-School

- Change 7809772
- Addition: New # 7809773
7809774
- Delete 7809775

Explanation: arch Env School map
shows adm infrastructure not previously
known

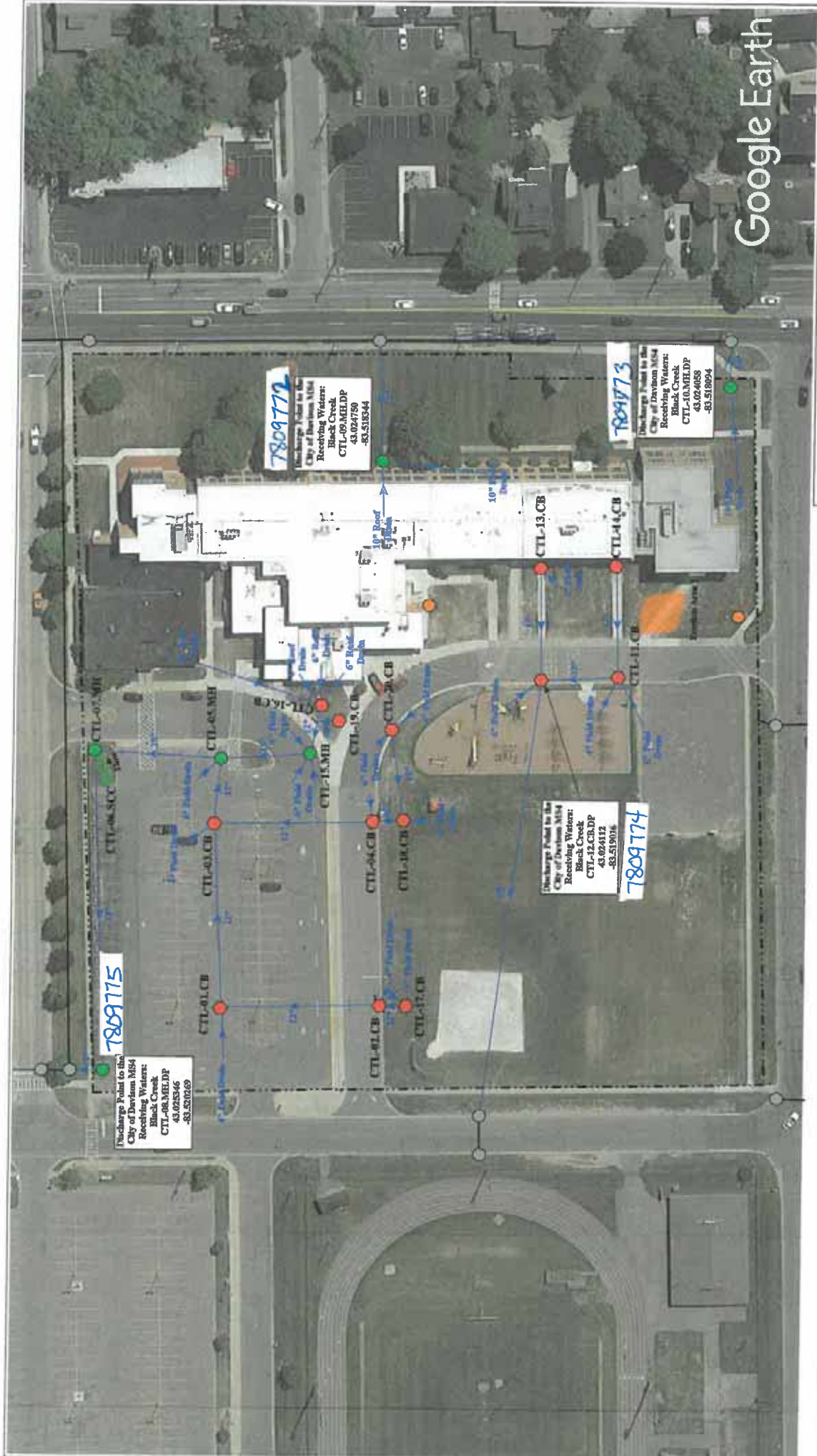
Changed in GIS

- Storm Line added
- Municipal line added
- Municipal Outfall added
- Scanned to IDEP Files scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS Date _____

TE 3/31/22




600 South State Road, Davison, Michigan 48423

Revision Date:	11/11/2020
Drawn by:	JP
Reviewed:	AP
Page #:	1 of 1
Scale:	Not to Scale

Central Elementary School

Davison Community Schools

37720 Interchange Drive
 Ferrington Hills, MI 48335
 Phone: 248-426-0165
 Fax: 248-427-0205



North	
<ul style="list-style-type: none"> ● = Catch Basin ● = Manhole ● = Sanitary — = City of Davison MS4 - - - = Property Boundary ~~~~~ = Stormwater Conveyance Channel 	

IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809772, 773
774, 775

Owner GC-School

- Change 7809772
- Addition: New # 7809773
7809774
- Delete 7809775

Explanation: arch Env School map
shows adm infrastructure not previously
known

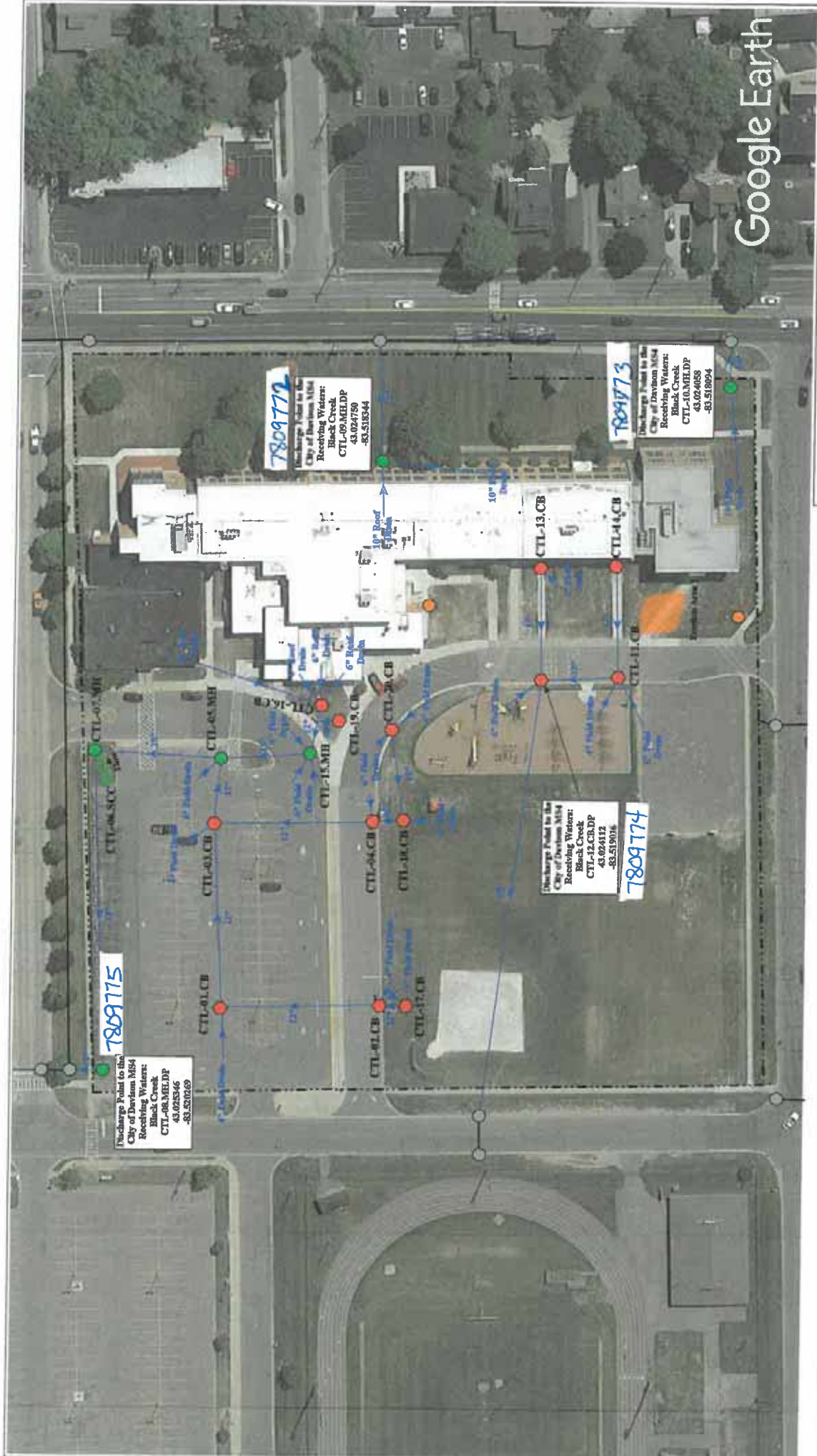
Changed in GIS

- Storm Line added
- Municipal line added
- Municipal Outfall added
- Scanned to IDEP Files scanned

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Changed on MI WATERS Date _____

TE 3/31/22



Google Earth


600 South State Road, Davison, Michigan 48423

Revision Date:	11/11/2020
Drawn by:	JP
Reviewed:	AP
Page #:	1 of 1
Scale:	Not to Scale

Central Elementary School

Davison Community Schools

37720 Interchange Drive
 Ferrington Hills, MI 48335
 Phone: 248-426-0165
 Fax: 248-427-0205




	= Catch Basin		= City of Davison MS4
	= Manhole		= Property Boundary
	= Sanitary		= Stormwater Conveyance Channel

IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809783
7809784
7809785

Owner GC-School

Change

Addition: New # _____

Delete

Explanation: OUTLET Point on Each of
these were @ different location
than shown on Arch Env plans
move Lat/long.

Blue Line new loc
purple line old loc

Changed in GIS

Storm Line added

Municipal line moved

Municipal Outfall moved

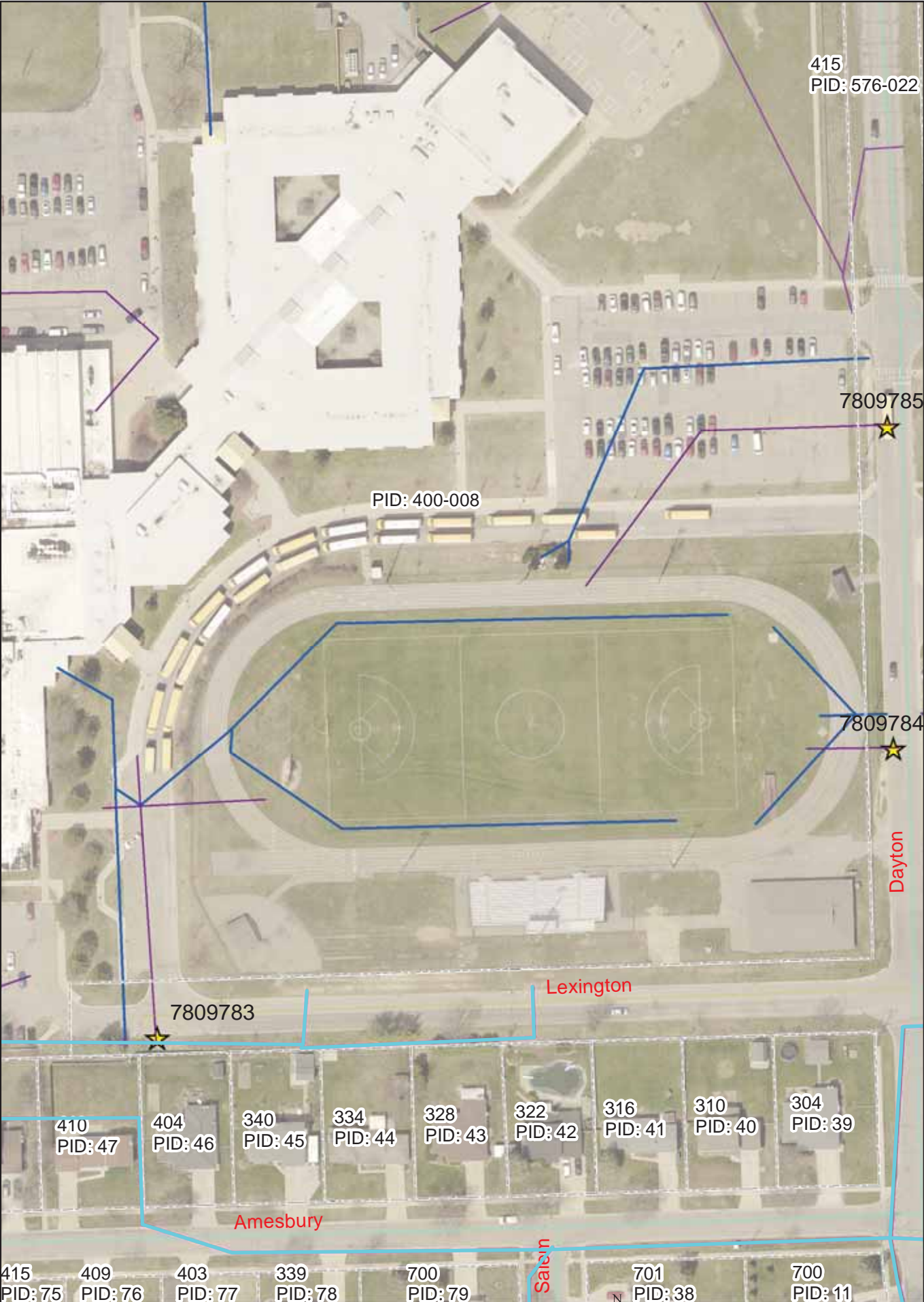
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K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TZ 3/31/22



IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809783
7809784
7809785

Owner GC-School

Change

Addition: New # _____

Delete

Explanation: OUTLET Point on Each of
these were @ different location
than shown on Arch Env plans
move Lat/long.

Blue Line new loc
purple line old loc

Changed in GIS

Storm Line added

Municipal line moved

Municipal Outfall moved

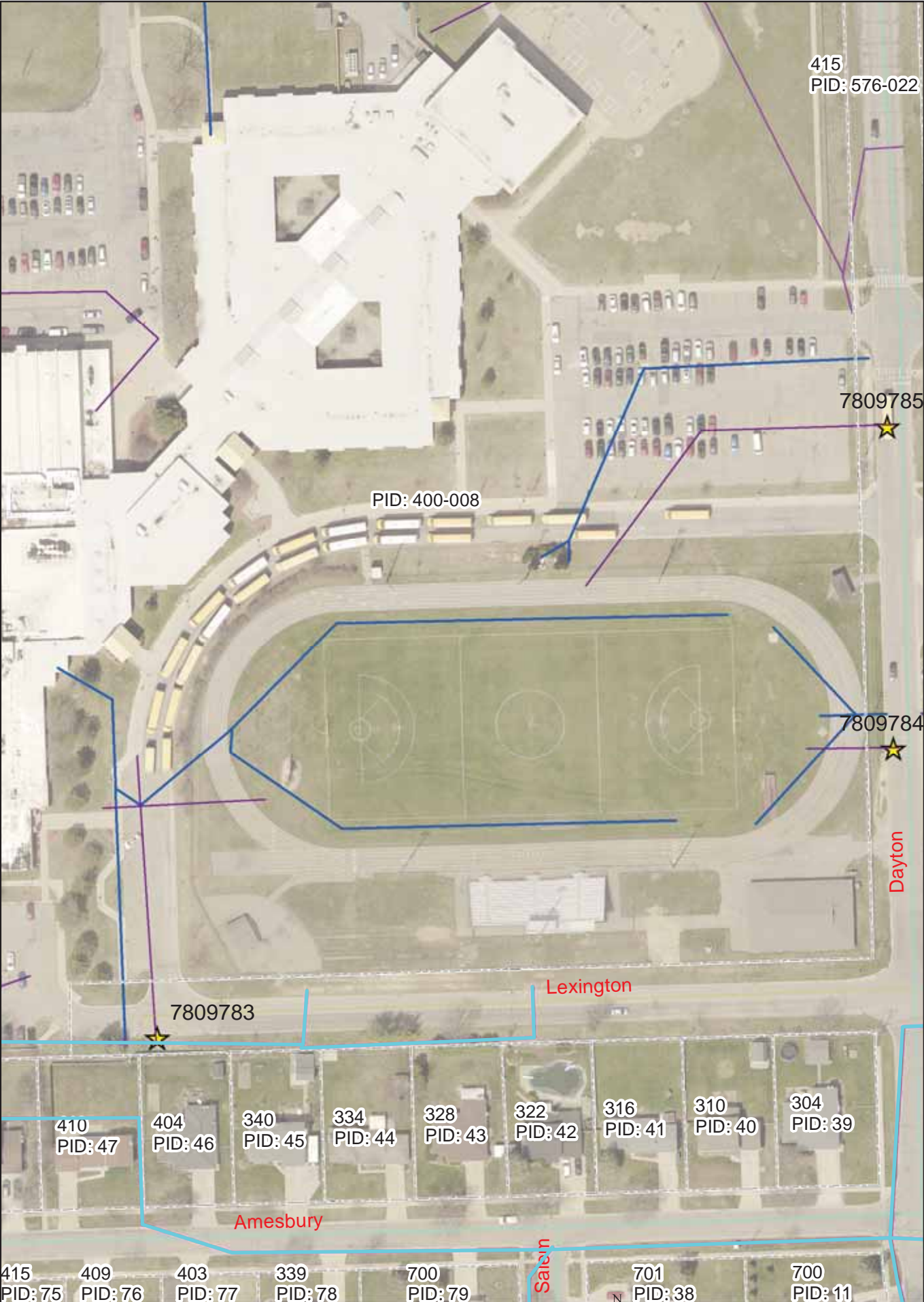
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Changed on MI WATERS

Date _____

TZ 3/31/22



IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809783
7809784
7809785

Owner GC-School

Change

Addition: New # _____

Delete

Explanation: OUTLET Point on Each of
these were @ different location
than shown on Arch Env plans
move Lat/long.

Blue Line new loc
purple line old loc

Changed in GIS

Storm Line added

Municipal line moved

Municipal Outfall moved

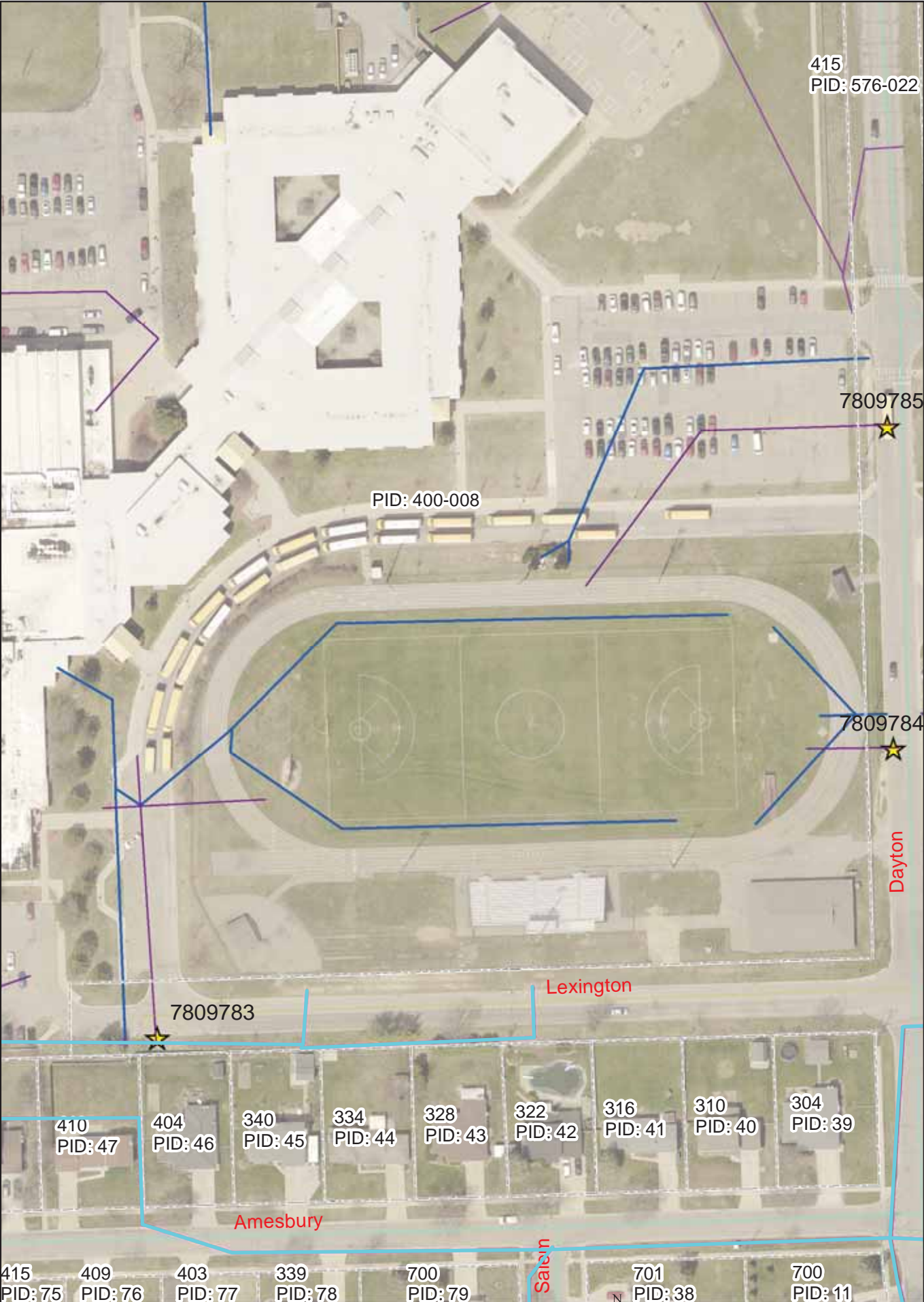
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Changed on MI WATERS

Date _____

TZ 3/31/22



IDEP Change / Add / Delete form

Date 3-31-2022

Current Conditions

Structure # 7809787

Owner GC-School

Change

Addition: New # 7809787

Delete

Explanation: OUTLET not previously

Known Shown on Arch Env

plans - add

Changed in GIS

Storm Line added

Municipal line added

Municipal Outfall added

Scanned to IDEP Files scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date 3/31/22

TZ 3/31/22



7809758

Black Creek 0-inches; Dr# 0704

7809771

7809787

Frank Boyce

Harvey

7809786



IDEP Change / Add / Delete form

Date 5/1-22

Current Conditions

Structure # 7809788

Owner GC-School

Change

Addition: New # 7809788

Delete

Explanation: field survey shows ~~7809788~~

POD not previously known - add

Changed in GIS

Storm Line N/A

Municipal line

Municipal Outfall

Scanned to IDEP Files

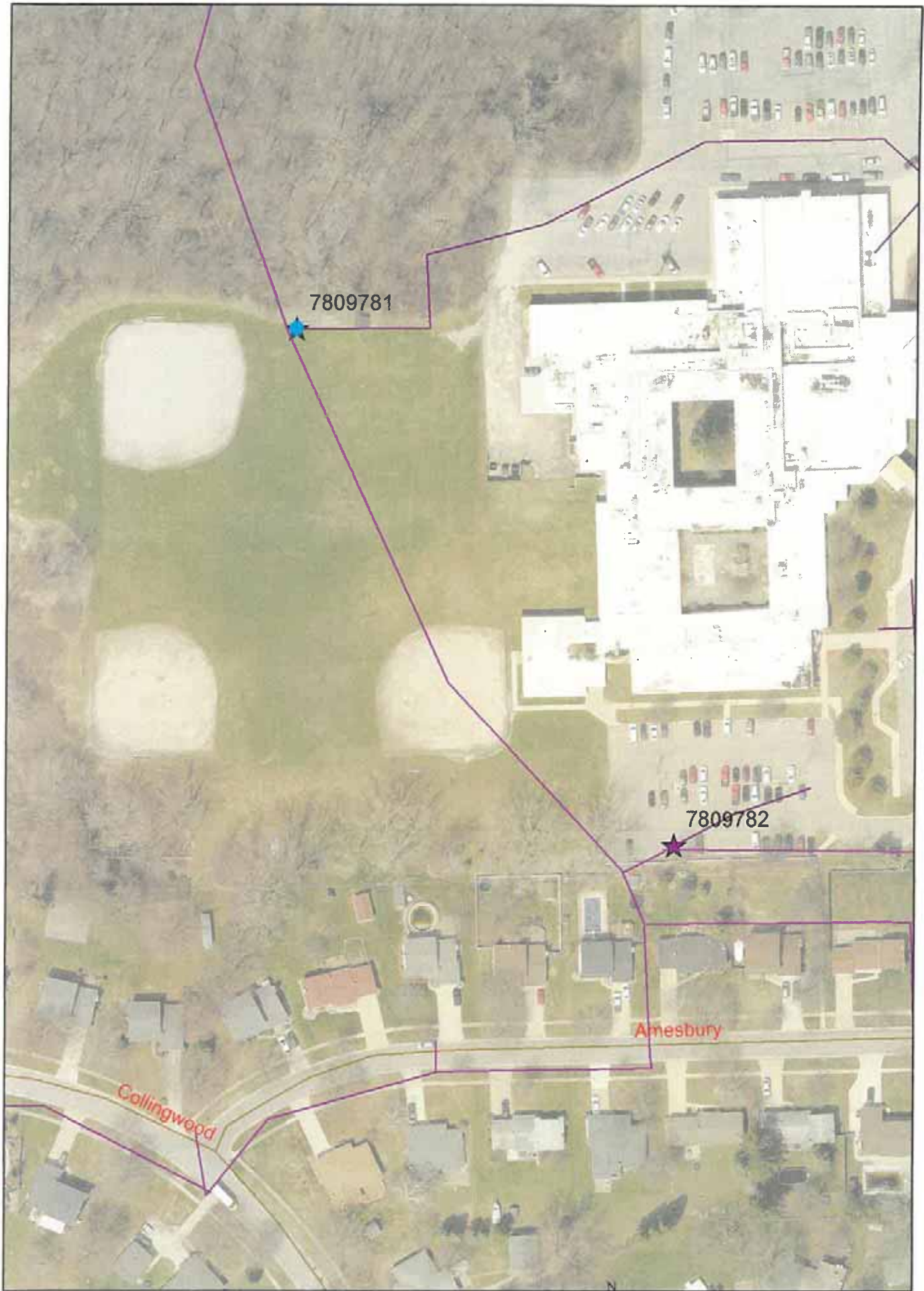
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Changed on MI WATERS

Date _____

TZ 4/21/22

old



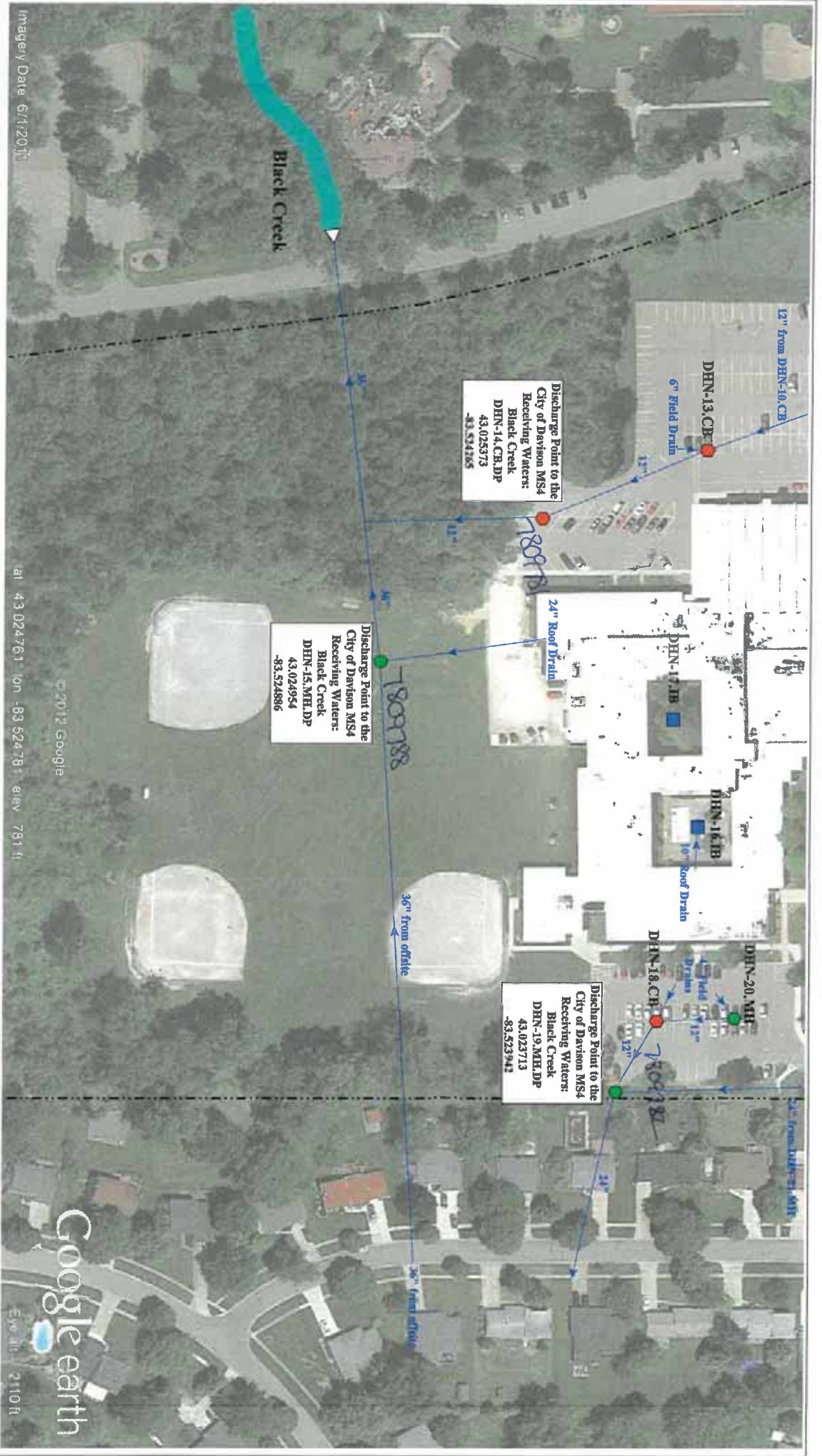
7809781

7809782

Amesbury

Callingwood





New

- = Catch Basin
- = Manhole
- = Infiltration Basin

△ = Offsite MS4



North

Davison Middle School &
Hahn Intermediate School
Davison Community Schools

500 S. Dayton St.
Davison, MI 48423

Date:	1/5/2021
Drawn by:	JF
Reviewed:	LK
Page #:	2 of 2
Scale:	Not to Scale



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8513757

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains Downstream 8513999

Storm Line N/A

Municipal line

Municipal Outfall

~~Storm Line~~ } delete = no
} priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Root Drain

8513993

8513995

8513758

8513999

8618737

0-inches; Dr# 0185

8513757

Elms

Root

Clovis

8618503

8618502

8618501

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8525012

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8524517

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = No
Priority = None

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TT 4/22

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8526003
8526005

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to 8526514 (GCDC)

Storm Line N/A

Municipal line } Delete = no
 Municipal Outfall } priority = none

Scanned to IDEP Files

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Changed on MI WATERS Date _____

TE 4/21



Leland

Cherrywood

Ashwood

Hickorywood

Cloverland

Meadowview

Scharrer

Pellet

Deland

12-inches; Dr# 0147

24-inches; Dr# 0147

Joyce

8526003
8526005

18-inches; Dr# 0147

Rodney

Hut West

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8526004

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GOC 8527260

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
} priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TE 4/21



12-inches; Dr# 0147

Hurt West

Hamms

8526004

McKinley

10-inches; Dr# 0233

Circle

15-inches; Dr# 0233

Schillman

8527258

Schillman Drain

Crescent

Crescent

IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 8526519

Owner GC-Schools

Change

Addition: New # _____

Delete

Explanation: original drawing does not
match arch env field inspection - change

Changed in GIS

Storm Line NOT Drawn

Municipal line moved

Municipal Outfall moved

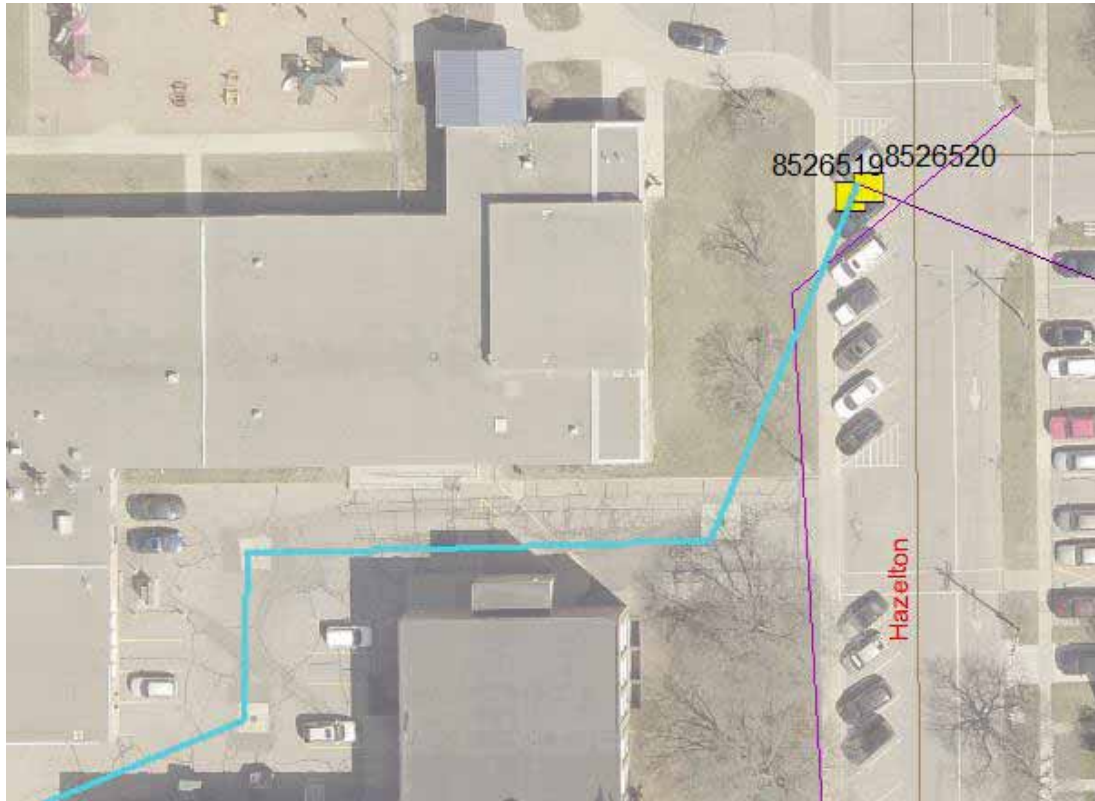
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Before



N is up

After



N is ←

IDEP Change / Add / Delete form

Date 4/20/22

Current Conditions

Structure # 8527001

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCRC 8527003

Storm Line N/A

Municipal line Delete=60

Municipal Outfall priority=none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TZ 4/21



Seymour

8527001

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8534765
8534769

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCRC 8534770

Storm Line N/A

Municipal line

Municipal Outfall

} Deletes = no
priority = none

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Changed on MI WATERS

Date _____

TE
4/22



IDEP Change / Add / Delete form

Date 5-11-22

Current Conditions

Structure # 81001251

Owner GC-Sch

Change

Addition: New # _____

Delete

Explanation: originally schools were given

outfall #s even when draining to

County MS4. We are going back &

connecting where 2 outfall #s for same MS4
permit (1 upstream of other) Drains to GCDC pipe

Changed in GIS

Storm Line N/A

Municipal line } Delete No

Municipal Outfall } priority = none

Scanned to IDEP Files **SCANNED**

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS Date _____

no map

IDEP Change / Add / Delete form

Date 4/21/22

Current Conditions

Structure # 8602751
8602752

Owner GC School

Change 8602753
8602754

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC #9635761

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TE 4/21



8601503
8601505
8601507

Santa Barbara

Lincoln

Woolfitt

Alexandrine

Wilson

Nixon

Detroit

Roosevelt

Mount Morris

8602751

42-inches; Dr# 1118

8602752

30-inches; Dr# 1118

8602753

18-inches; Dr# 1118

8602754

Neff

8602755

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8602755

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8611256

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE
4/21



Woolfit

Roosevelt

8602752
30-inch; Dr# 1118

8602753

8602754
18-inch; Dr# 1118

8602755

Mount Morris

12-inch; Dr# 0013

15-inch; Dr# 0013

Neff

Elmcrest

18-inch; Dr# 0013

0-inch; Dr# 0013

24-inch; Dr# 0013

30-inch; Dr# 0013

0-inch; Dr# 0013

IDEP Change / Add / Delete form

Date 4-14-2022

Current Conditions

Structure # 8611522

Owner GCDC

Change

Addition: New # _____

Delete

Explanation: This is not an MS4. It
was originally selected to err on side
of caution. This is a point in open
water (Ditch) where leaves urbanized area

Changed in GIS

Storm Line N/A

Municipal line removed

Municipal Outfall Removed

Scanned to IDEP Files Scanned

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

Before

Highlighted area
is urbanized



Shaded area is urbanized area.

After

↙



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8613251

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCRC/GCDC 8613106

Storm Line N/A

Municipal line ~~N/A~~ } Delete = no

Municipal Outfall - } priority = none

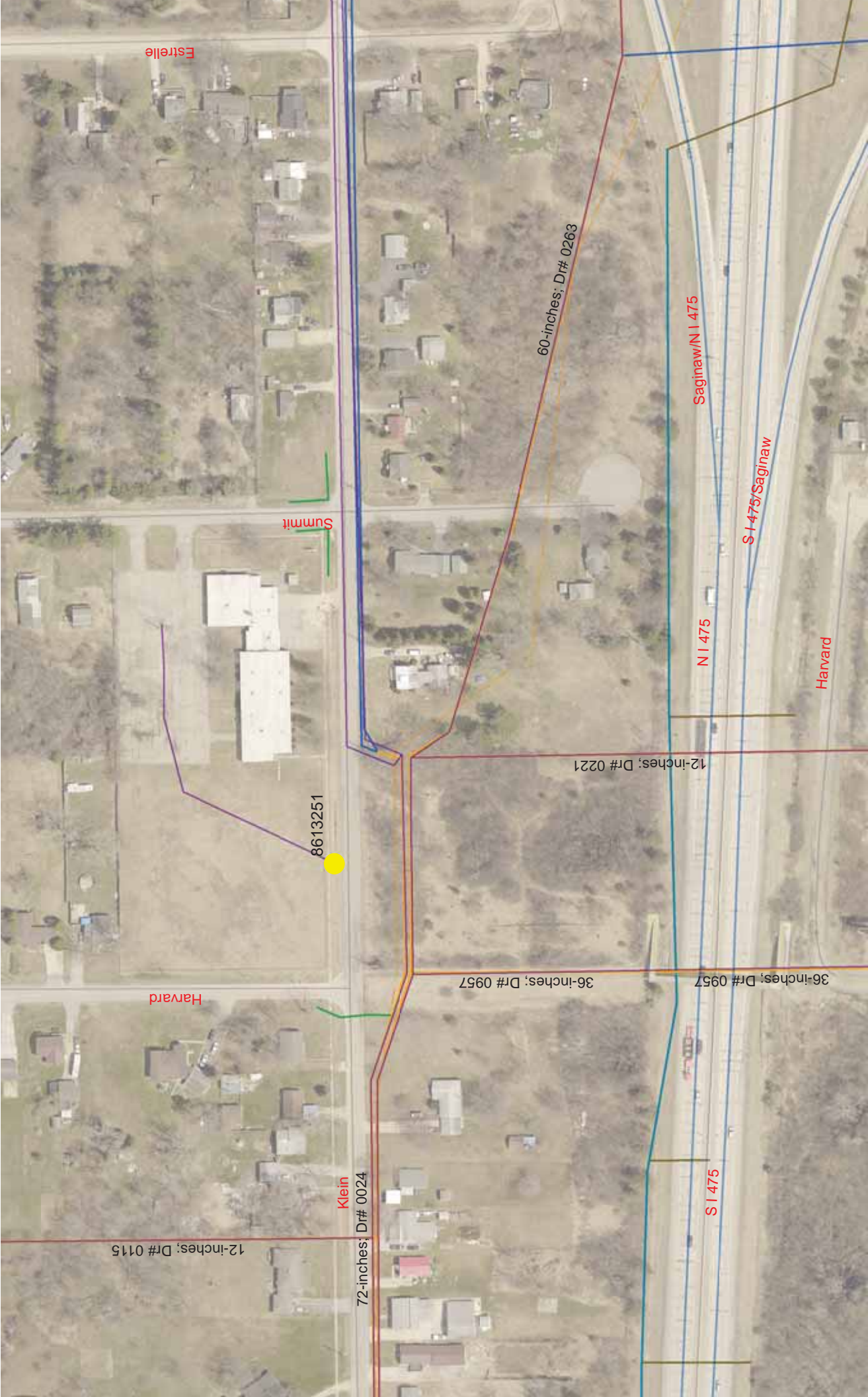
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Estelle

Summit

8613251

Harvard

12-inches; DR# 0115

72-inches; DR# 0024
Klein

36-inches; DR# 0957

60-inches; DR# 0263

12-inches; DR# 0221

36-inches; DR# 0957

Saginaw/N I 475

N I 475

S I 475

S I 475/Saginaw

Harvard

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8613501

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8613247

Storm Line N/A

Municipal line } Delete = no
 Municipal Outfall } priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21/22



Natchez

18-inches; Dr# 1467

David Berger

12-inches; Dr# 1467

8613501

Chanwood

Fairhaven

Coldwater

12-inches; Dr# 0349

IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 8613502

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8613247

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

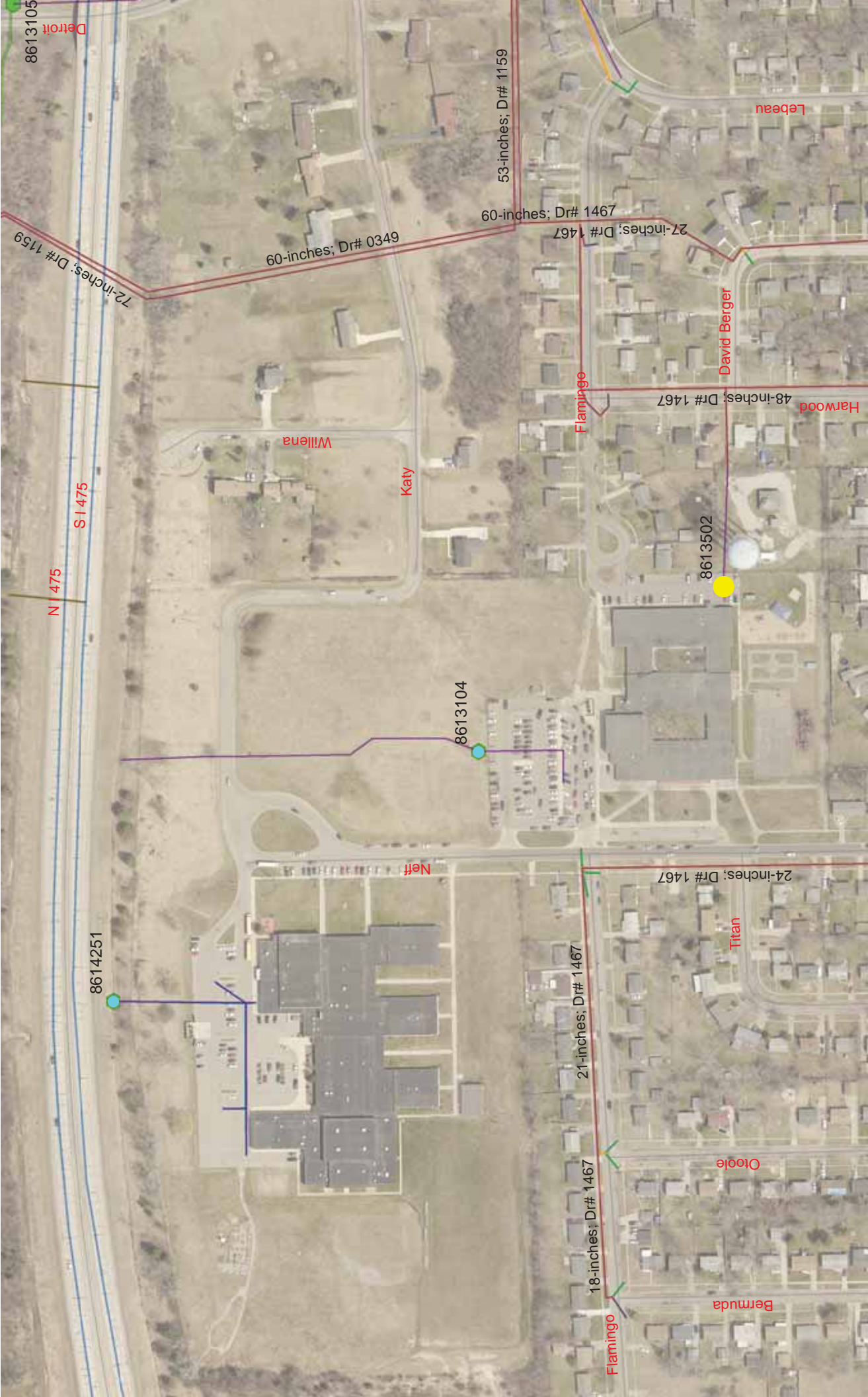
Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TE 4/21



8613105
Detroit

Lebeau

53-inches; Dr# 1159

60-inches; Dr# 1467

27-inches; Dr# 1467

72-inches; Dr# 1159

60-inches; Dr# 0349

David Berger

48-inches; Dr# 1467

Willena

Katy

Flamingo

N 1475

S 1475

8613502

8613104

Neff

24-inches; Dr# 1467

8614251

21-inches; Dr# 1467

Titan

18-inches; Dr# 1467

Otoile

Flamingo

Bermuda

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8613751

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GDC 8613106

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE
4/21



Terry

30-inches, Dr# 0263

Clovis

24-inches, Dr# 0263

15-inches, Dr# 0263

18-inches, Dr# 0957

24-inches, Dr# 0957

8613751

30-inches, Dr# 0957

Orange Blossom

Oleander

Camellia

Peachtree

0-inches, Dr# 0975

Virginia

Saginaw

Coldwater

IDEP Change / Add / Delete form

Date 8/17/22

Current Conditions

Structure # 8623753

Owner GC School

Change

Addition: New # _____

Delete

Explanation: This outlets into Gen Co

pipe and is tested downstream

@ 8623752 - not ~~an~~ a MS4

Map on Digital copy

Changed in GIS

Storm Line added

Municipal line Removed

Municipal Outfall Removed

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



8623995
Lake Dam

30-inches; Dr# 0057

8623997

86237528623751

8623753REM

90-inches; Dr# 0057

36-inches; Dr# 0032
Carpenter

Woodlin
Fleming

Russett

Parkbelt

Banbury

Orange

Colomal

Sally

Darryl

Alma

Gramwood



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8624751

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8623752

Storm Line N/A

Municipal line } Delete = no

Municipal Outfall } priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Cass

Fulton

Downey

Fulton

Juliah

8624751

12-inches; Dr# 0032

Summit

0-inches; Dr# 0032

Harard

Harard

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8627251
8627252

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC 8623749

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

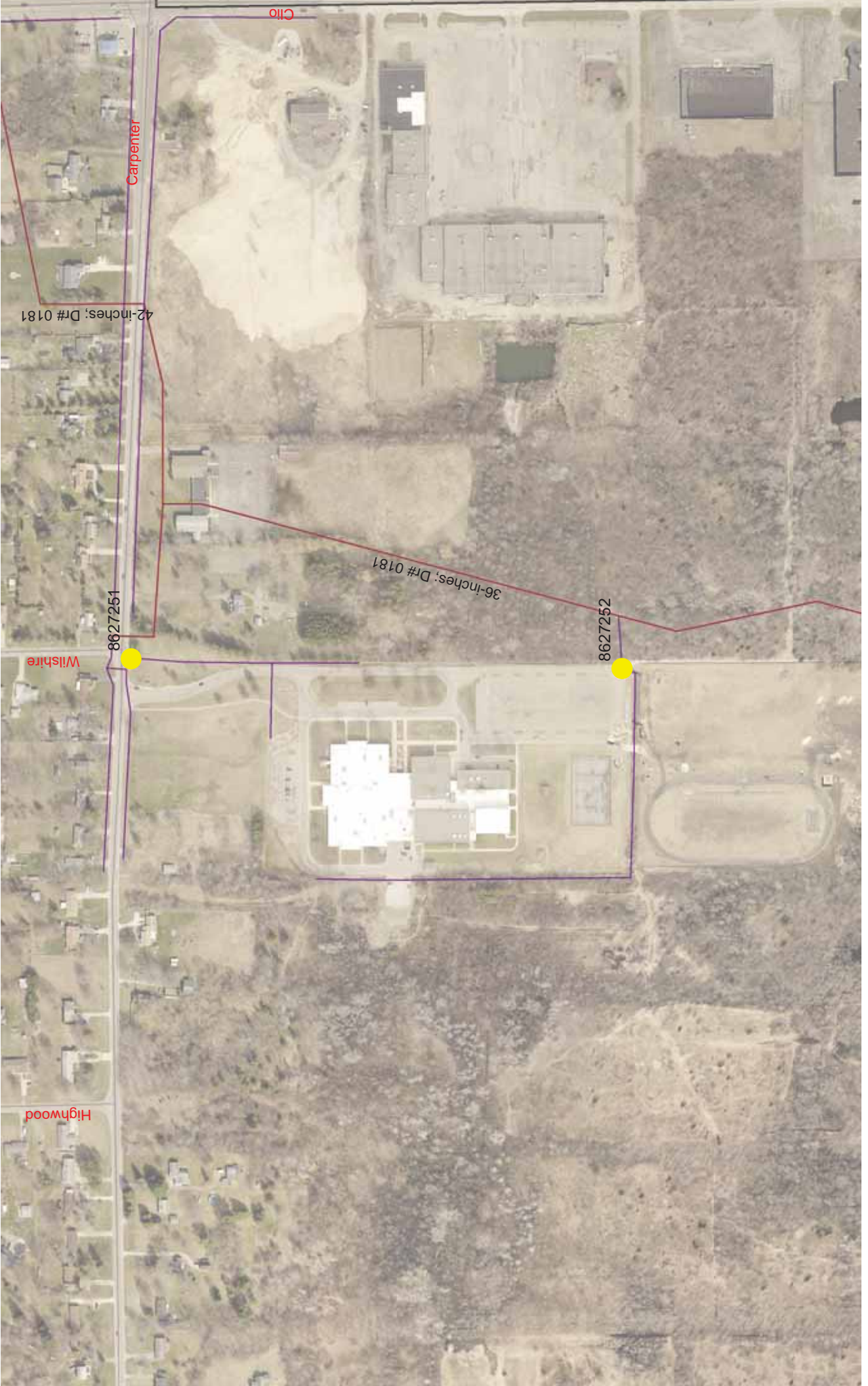
Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



Carpenter

Clilo

42-inches; Dr# 0181

36-inches; Dr# 0181

8627251

8627252

Wilshire

Highwood

IDEP Change / Add / Delete form

Date 8/5/22

Current Conditions

Structure # 8631251, 252 & ~~253~~ Owner GC Schools

Change

Addition: New # _____

Delete

Explanation: the pipe 8631251^(NE) does not exist
per field inspection. pipe 8631252^(E) does.

drain all school prop per map but water
goes to west side of Luce then South along
road (8631747) these are not outfalls since
they drain thru 8631747-

Changed in GIS

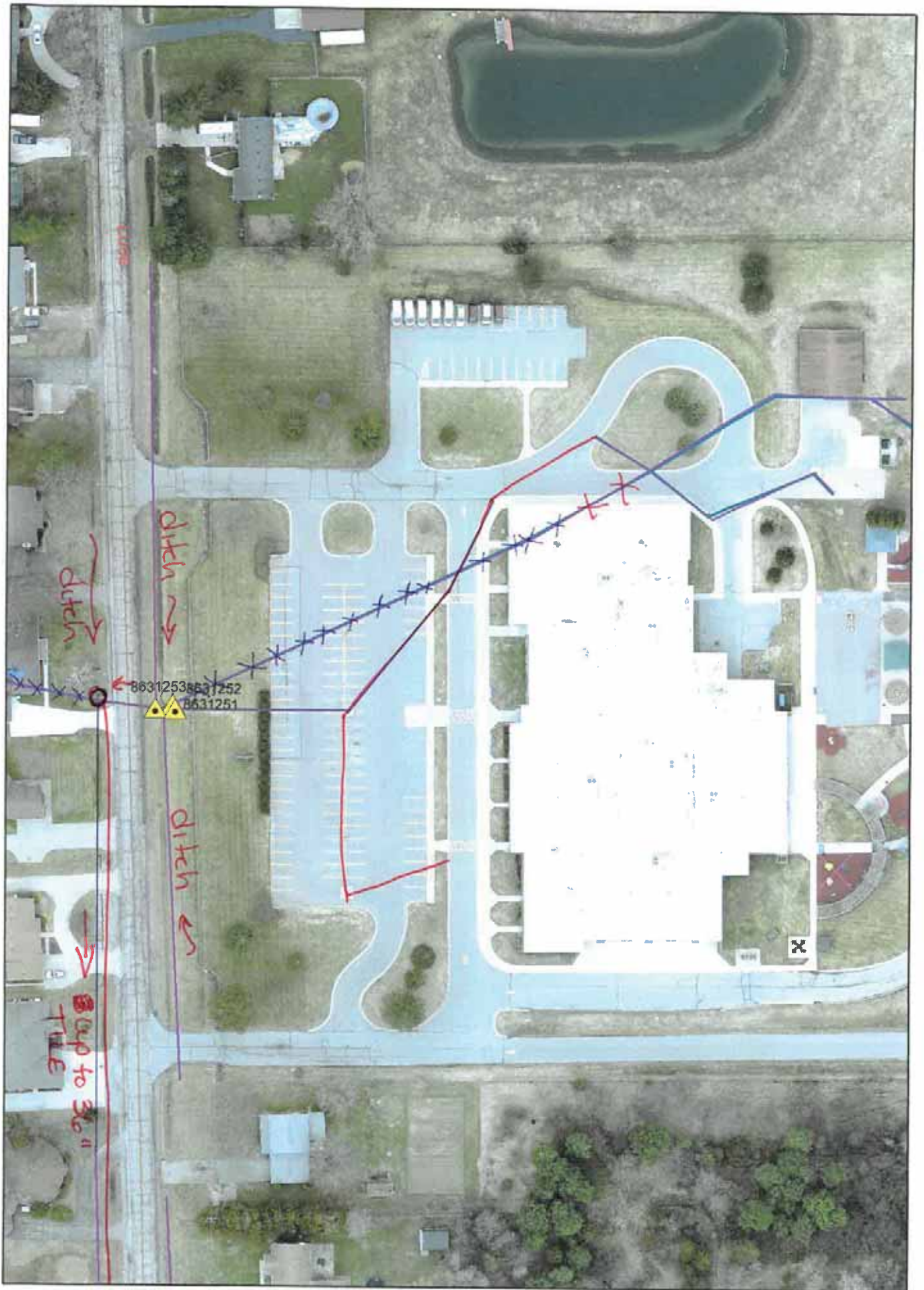
- Storm Line revised per field
- Municipal line removed (include in downstream)
- Municipal Outfall removed

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____





8631251REM
8631252REM
8631253REM

Luce

Blackmore Tributary

8631747
8631799
8631745
8631751
8631752



IDEP Change / Add / Delete form

Date 8/5/22

Current Conditions

Structure # 8631253

Owner GCRC

Change

Addition: New # _____

Delete

Explanation: ~~pipe~~ & ditch on East side of
Leuce goes west to struct on W side then
South to outfall 8631747 not west
thru airport. not an outfall.

Changed in GIS

Storm Line revised

Municipal line Removed (incl in downstream)

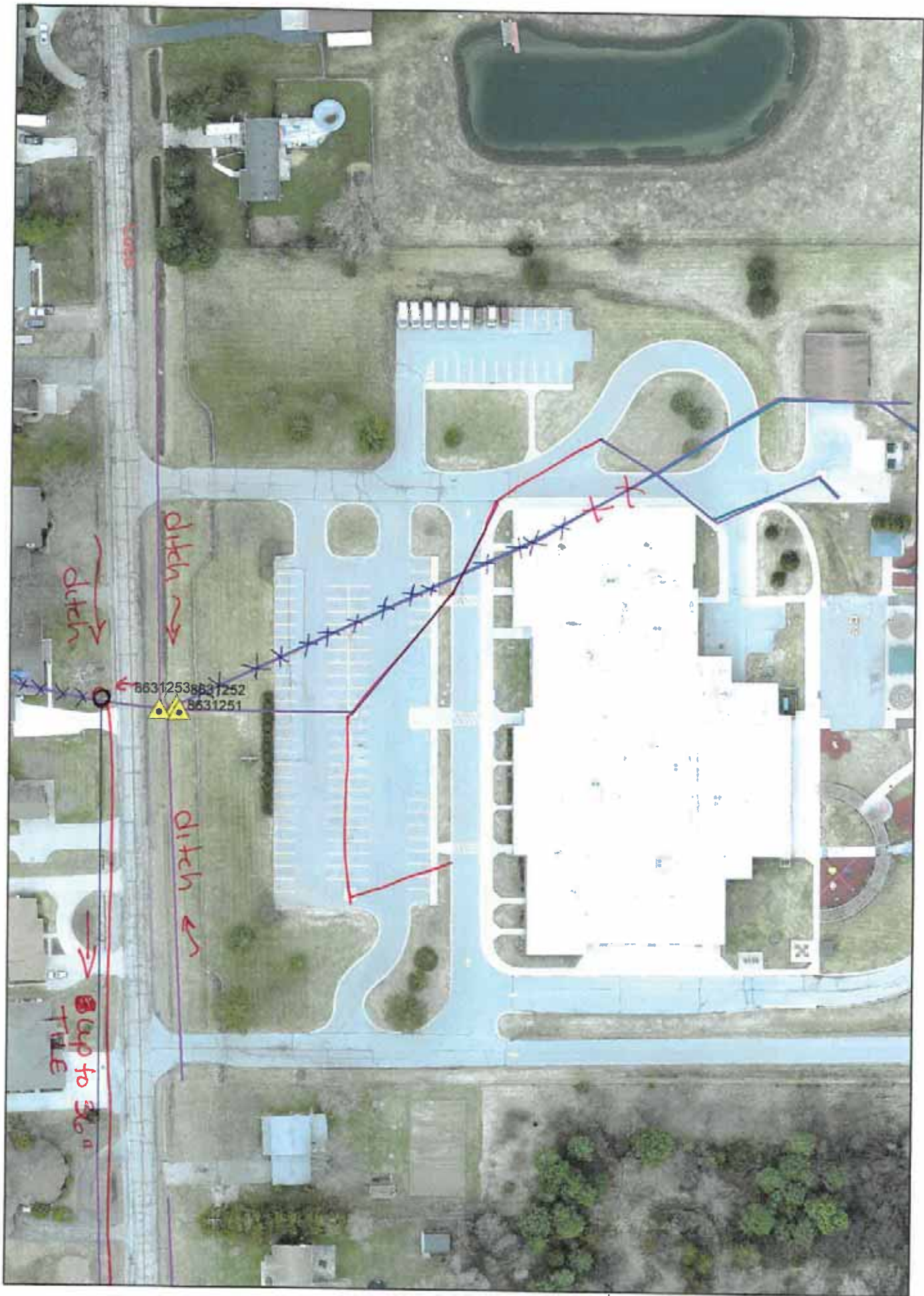
Municipal Outfall ~~at~~ Removed

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____





8631251REM
8631252REM
8631253REM

Luce

Blackmore Tributary

8631747
8631745
8631799
8631751
8631752



IDEP Change / Add / Delete form

Date 8/5/22

Current Conditions

Structure # 8631799

Owner Driveway culvert
in Rd ROW
draining Rd ditch

Change

Addition: New # 8631799

Delete

Explanation: When DW screening

8631747 found 2nd smaller pipe

west of ↑. Driveway culv draining

west Rd ditch of Luce N of outlet

Changed in GIS

Storm Line added

Municipal line added

Municipal Outfall added

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____



Luce

Blackmore Tributary

8631799
8631747

8631745

8631751

8631752



IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8634751

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #'s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #'s for
same MS4/permit (one upstream of other)

Changed in GIS Drains to GCDC8234503

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TE 4/21



0-inches; Dr# 0581

8634751

0-inches; Dr# 0458

Hartshorn & Ext

48-inches; Dr# 0334

8634503

8634501

Moody

Myrtle

Lavelle

42-inches; Dr# 0334

Raywood

18-inches; Dr# 0334

McCollum

12-inches; Dr# 0334

Roanoke

Bertha

15-inches; Dr# 0334

11-22-2021

IDEP Change / Add / Delete form

Current Conditions

Structure # 8636501

Owner Genesee Co thru Flint Schools

Change

Addition: New # _____

Delete

Explanation: property sold since parcel added in 2014

Changed in GIS

Storm Line added to non-gcsc

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Property highlighted in Blue

2014 owner = Board of Ed - Flint schools

2021 owner = Evergreen Community Development
initiative (Mott Foundation)
does water sample testing (drinking
water)

POD 8636501



IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 8706251
8706252

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCDC 89635763

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
} priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TE 4/21



Walter

Haven

15-inches; Dr# 0159

12-inches; Dr# 0159

Corydon

18-inches; Dr# 0159

Wisner

12-inches; Dr# 0159

12-inches; Dr# 0159

15-inches; Dr# 0159

30-inches; Dr# 0159

Butternut Creek

Pine

15-inches; Dr# 0159

12-inches; Dr# 0159

Leadley

66-inches; Dr# 0159

0-inches; Dr# 0159

0-inches; Dr# 0159

0-inches; Dr# 0159
Mason Drain

8706251

8706252

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8706508
8706509
8706510

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCDC 9635761

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TZ 4/21



Doris

15-inches; Dr# 0463

Elizabeth

18-inches; Dr# 0463

Garfield

15-inches; Dr# 0518

36-inches; Dr# 0518

Gordon

60-inches; Dr# 0159

0-inches; Dr# 0159

87065098706510

8706508

8706505

8706504

Coy

8706506

Walter

Shopping Center

87065038706507

0-inches; Dr# 0159

66-inches; Dr# 0159

Jefferson

Adams

8706502

IDEP Change / Add / Delete form

Date 4/22/22

Current Conditions

Structure # 8706751
8706752

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCDC 9635763

Storm Line N/A

Municipal line

Municipal Outfall

} Delete = no
priority = none

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

TZ 4/21



10-inches; Dr# 0463

10-inches; Dr# 0463

8706751 12-inches; Dr# 0463

15-inches; Dr# 0463

8706752

18-inches; Dr# 0463

12-inches; Dr# 0463

60-inches; Dr# 0159

15-inches; Dr# 0463

8706505

8706508REM 66-inches; Dr# 0159

8706504

0-inches; Dr# 0159

87065038706507

Thelma

Alexandrine

Louise

Jefferson

Acems

Walter

Rae

Doris

Leadley

Elizabeth

IDEP Change / Add / Delete form

Date 10.21.2022

Current Conditions

Structure # 8716503

Owner GCP+R

Change

Addition: New # _____

Delete

Explanation: Staff went on field visit and
could not locate the outlet or upstream structure
no site plan available

Attachment are in digital form only

Changed in GIS

Storm Line

Municipal line

Municipal Outfall

Scanned to IDEP Files

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Changed on MI WATERS

Date _____



8716503

Mott Lake Shoreline



Hogan, Susanne

From: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Sent: Thursday, September 15, 2022 2:01 PM
To: Hogan, Susanne
Subject: FW: IDEP Exceedances
Attachments: outstanding IDEP with dates 2022-09-07.pdf



CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Jenna Troppman, PE | Water Resources Engineer
Direct (313) 224-9803 |
jenna.troppman@tetrattech.com

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615 Griswold, Ste.1000B Detroit, MI 48226 | tetrattech.com

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From: Hogan, Susanne <shogan@geneseecountymi.gov>
Sent: Wednesday, September 7, 2022 9:11 AM
To: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>; Ullah, Enayet <EUllah@geneseecountymi.gov>
Cc: Troppman, Jenna <Jenna.Troppman@tetrattech.com>
Subject: RE: IDEP Exceedances

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Hello,

I met with tetra tech a couple of weeks ago to go over the last couple of dry weather screening of outfalls that were causing us fits.

There are 3 outfalls left. We are working on getting these done ASAP.

- 6715524 One is an access issue. They have been out several times and will get it.
- 8716503 One we do not believe exists based on field visit. Trying to find drawings for site to confirm one way or another.
- 8828501 One shows it was visited, but no report. Need to get report or rescreen.

All others have been field observed / dry weather screened. I need to compile the reports.

Sue

From: Boyer, Barney (EGLE) <BoyerB2@michigan.gov>
Sent: Monday, August 29, 2022 9:01 AM
To: Hogan, Susanne <shogan@geneseecountymi.gov>; Ullah, Enayet <EUllah@geneseecountymi.gov>
Subject: RE: IDEP Exceedances

12-22-2021

IDEP Change / Add / Delete form

Current Conditions

Structure # 8721004

Owner Genesee Co
(parks)

Change

Addition: New # _____

Delete

Explanation: Could not find in field visit
resent site plan By Rowe Eng also
do not show any evidence of this outfall-
remove site # 5017

per site plans a new 12" pipe due to be built
add after construction

Changed in GIS

Storm Line removed from nongdc

Municipal line deleted

Municipal Outfall deleted

Changed in IDEP Files Scanned

Changed on MI WATERS

Hogan, Susanne

From: Kronenberg, Heather
Sent: Wednesday, December 22, 2021 1:57 PM
To: Hogan, Susanne
Subject: IDEP outfalls 8721004 & 6710253

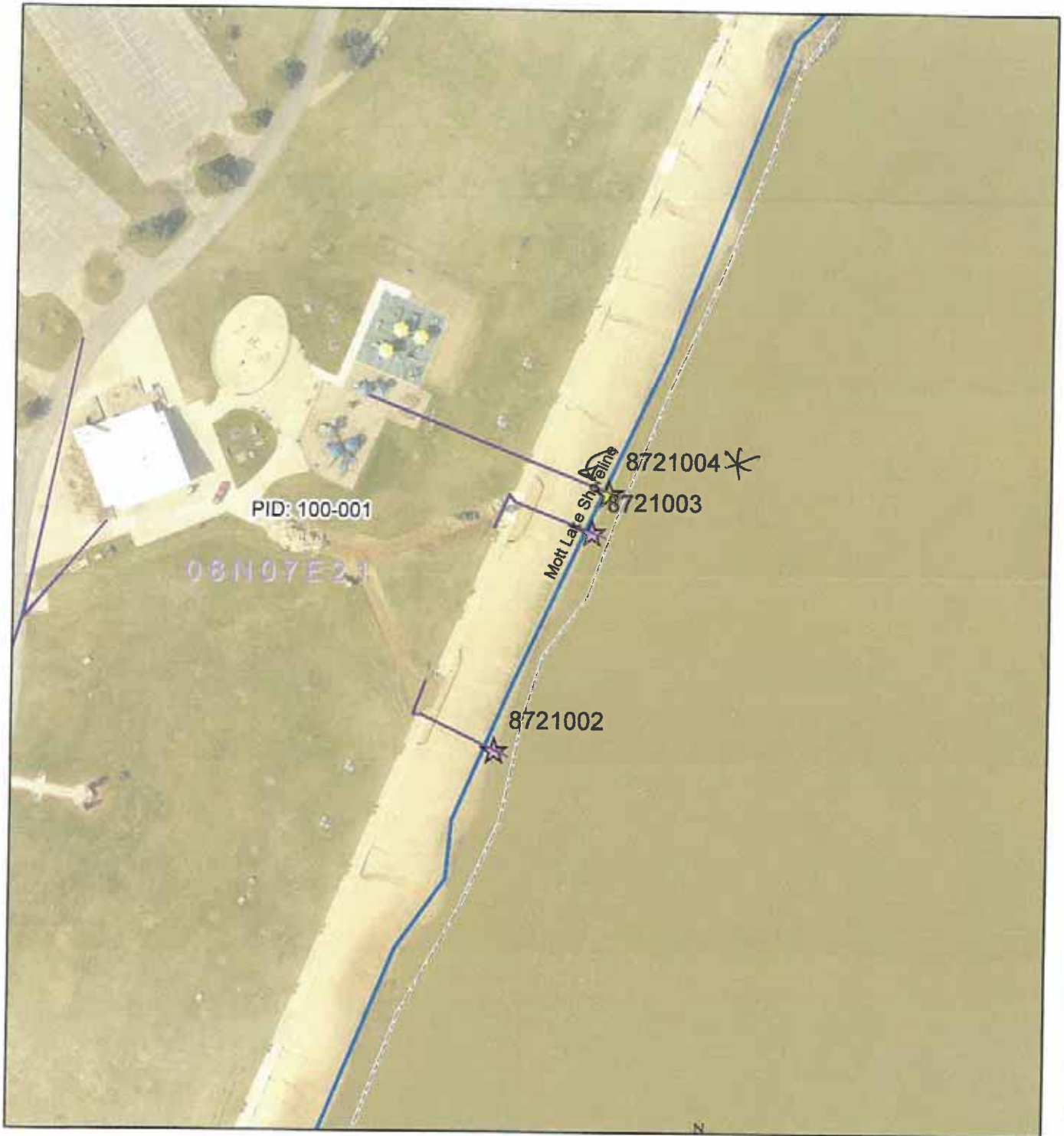
Hi Sue,

Merry Christmas. I think I found 2 outfalls that don't exist.

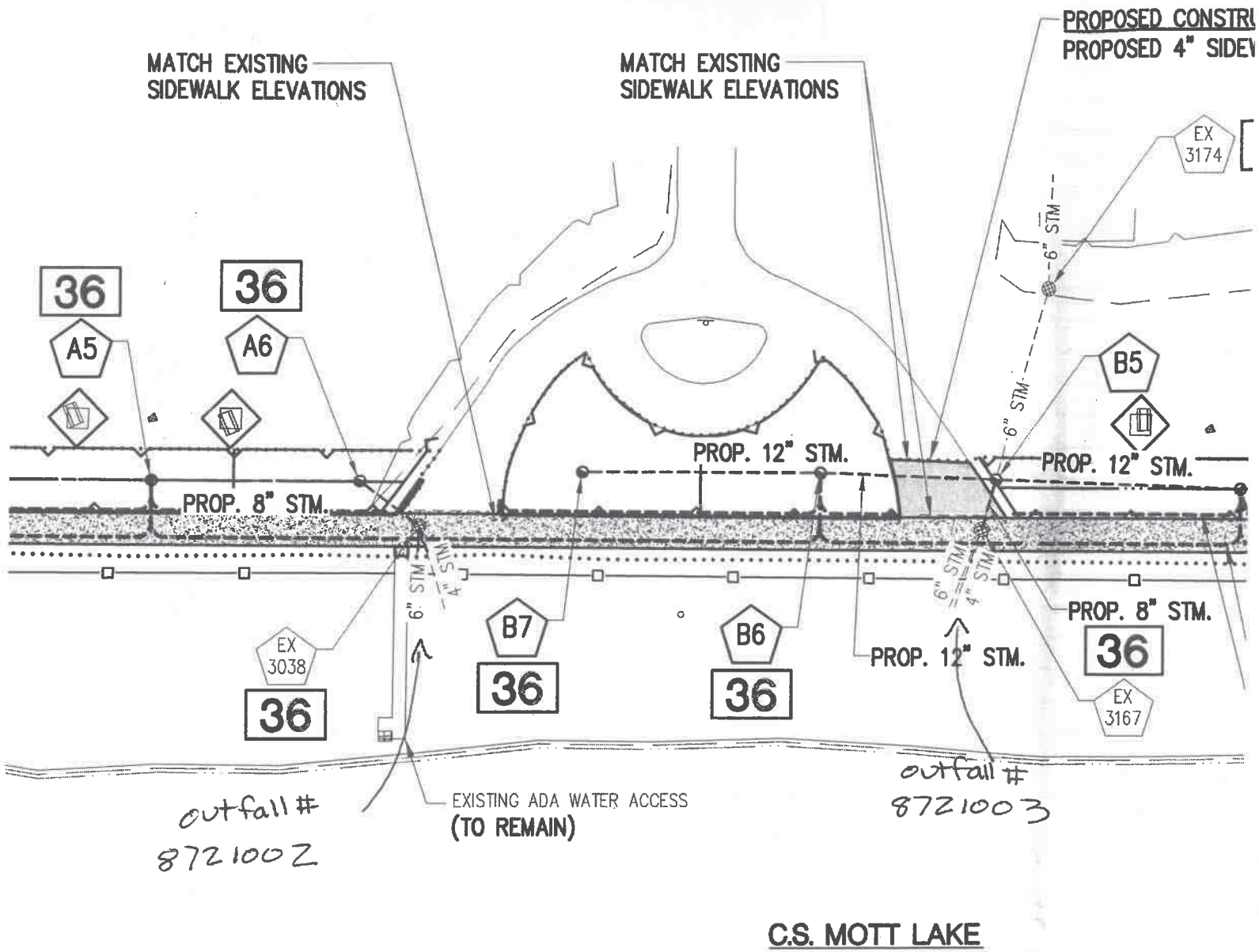
1. Outfall #8721004 at Bluebell Beach. When Jenna asked about construction plans, I looked at the site plan layer and saw that Enayet JUST reviewed a site plan on 11/24/21 for Bluebell Beach. The plan shows that only 2, not 3 outfalls are at the beachfront. Since I could not find the outfall when I was there, and could not find an inlet or basin for it, I believe the site plan confirms that the outfall doesn't exist. I will update Jenna as it was actually her request.
2. Outfall #6710254. I was out with TetraTech yesterday and nothing seemed right on the map. After reviewing ASB's, ADD's, a plat map AND ASB's for the open ditch drain #1425, I've concluded that the ADD for drain #0855 is incorrect. The drain does not outfall between parcels 6064 & 6072, but 6056 & 6064. I looked at outfall #6710253 where the screening was completed. It appears that this outfall combines the drain #0855 & where drain #1425 goes from enclosed to open ditch. There is a large basin just east of the outfall location that is a junction point for the 2 drains. SOOOO... our map needs updating also. See map below.

8721004

No Evidence this exists in field and on plans



Blue bell Beach Perimeter Trails - 11/24/2021 review date
p. 8 of 18, site plan # 5017



Per this current site plan, outfall # 8721004 does not exist.

IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 8725012

Owner GC-School

Change

Addition: New # 8725012

Delete

Explanation: new outfall discovered

(med priority)

found on Arch Env field maps

Changed in GIS

Storm Line added

Municipal line added

Municipal Outfall added

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

map not incl = see layer

IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 8726511
8726517

Owner GC-School

Change

Addition: New # 511 & 517

Delete

Explanation: Arch field plan/map showed
additional outlets add

Changed in GIS

- Storm Line add
- Municipal line add
- Municipal Outfall add

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 8726518
8726519

Owner GC-school

Change

Addition: New # 518+519

Delete

Explanation: outfalls on field map by
arch Enw. add

Changed in GIS

Storm Line

Municipal line

Municipal Outfall

} add

Scanned to IDEP Files

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Changed on MI WATERS

Date _____

No Map = see layers

IDEP Change / Add / Delete form

Date 4-22-22

Current Conditions

Structure # 9614001

Owner GC School

Change

Addition: New # _____

Delete

Explanation: originally schools were given
outfall #s even though they drained
to county MS4. We are going back &
correcting where there are 2 outfall #s for
same MS4/permit (one upstream of other)

Changed in GIS

Drains to GCDC 9614532

Storm Line N/A

Municipal line } Delete = no

Municipal Outfall } priority = none

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

TE 4/21



9614003

0-inches; Dr# 0025

Denise

Raymond

Vaughn

Mustang

Fuscola

Collins Drain

48-inches; Dr# 0816

9614001

38-inches; Dr# 0816

961453234-inches; Dr# 0816

9614531

0-inches; Dr# 0816

Poplar

Clarron

Cherry

2/9/21

IDEP Change / Add / Delete form

Current Conditions

Structure # 9614540

Owner City Cleo

Change

Addition: New # same as above

Delete

Explanation: Per Eric Wiederhold add
this outfall in Park as Categorical

Field Confirmed

Changed in GIS

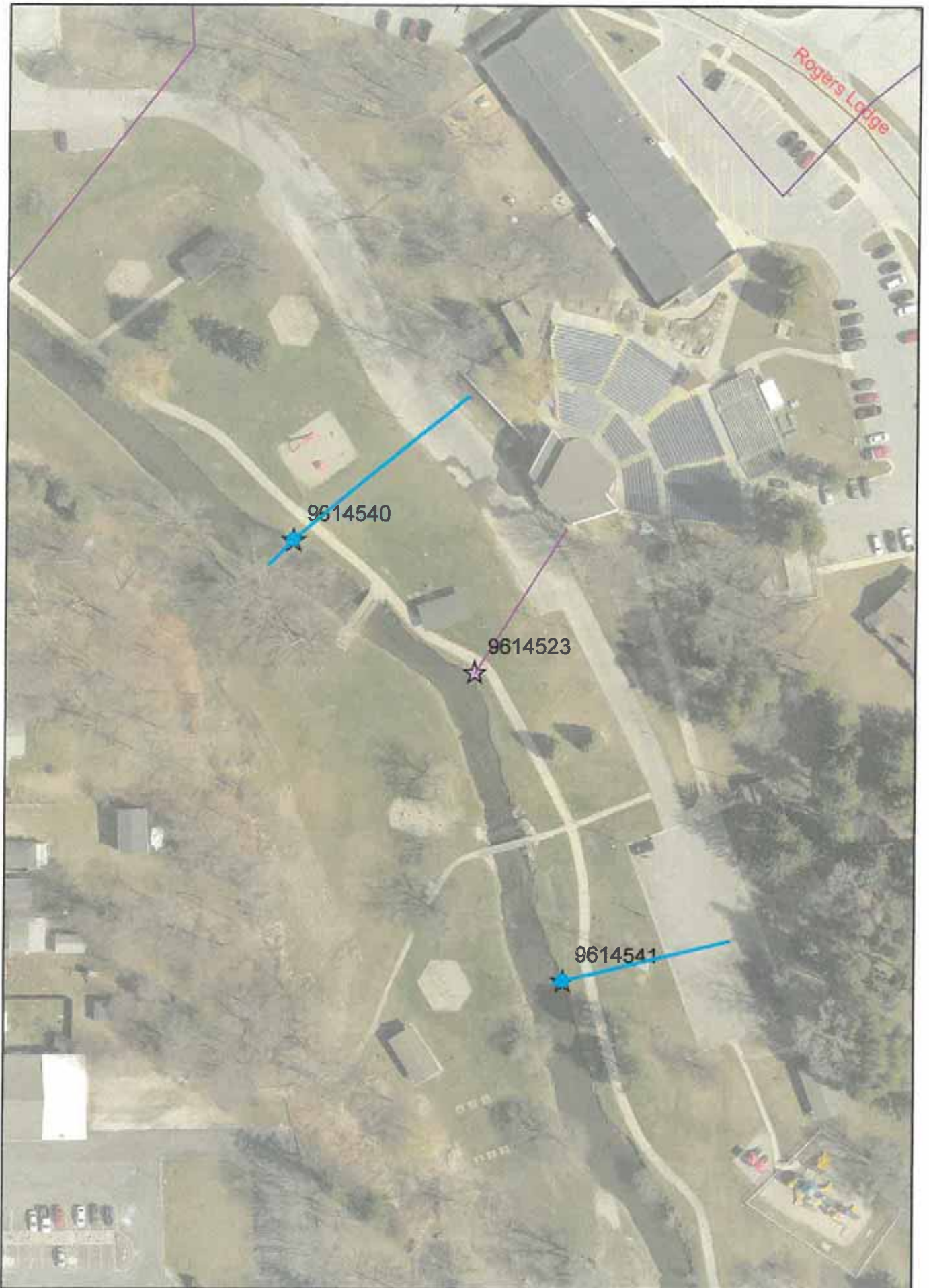
Storm Line added

Municipal line added

Municipal Outfall added

Changed in IDEP Files scanned

Changed on MI WATERS



Rogers Lodge

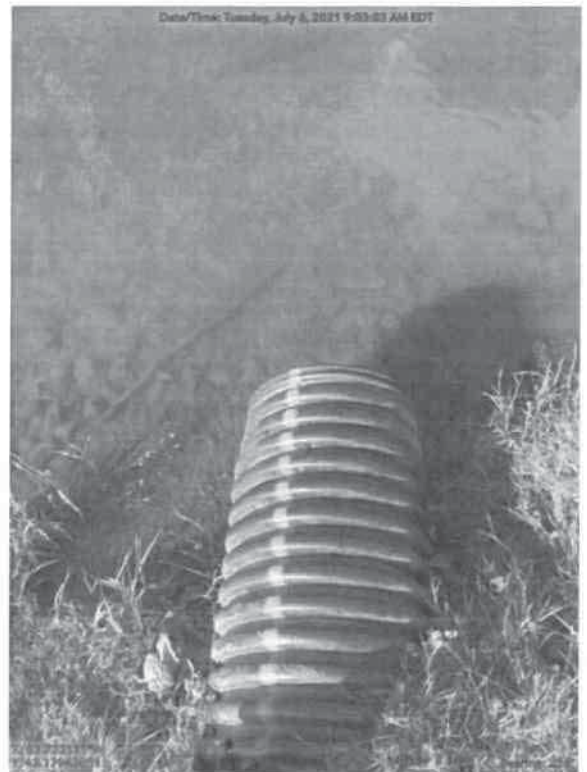
9614540

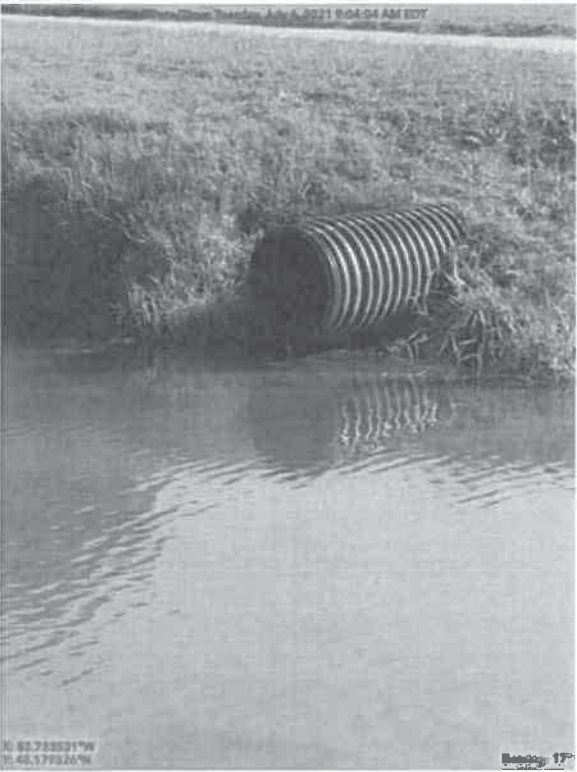
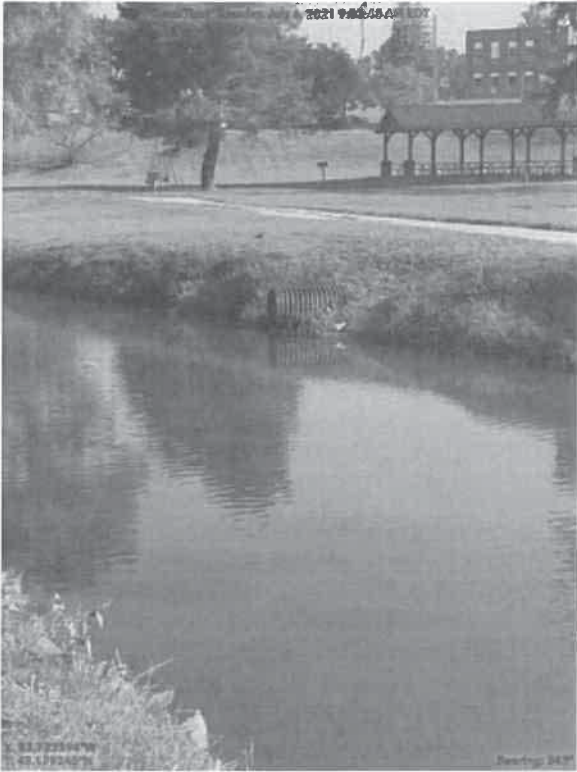
9614523

9614541

Section A: Core			
A1: Location ID	9614540	A3: Observation Date/Time	July 6, 2021 8:53 AM
A2: Latitude:		A4: Inspector 1	Amanda Mariani
Longitude:		A5: Inspector 2	Jenna Troppman
A6: Location Description:			
Section B: Preselected Site			
B1: Preselected site?	Yes	B2: Site Found	Yes
B3: Site Accessible		Yes	
B4: Provide Reason if not accessible:			
Section C: Conveyance Asset Information			
C1: Type of system?	Downstream end of a Pipe (or culvert) discharging to a Channel (ditch or drain)		
C2: Asset Type:	Pipe	C6: Width or Dia (in)	18
C3: Which end?	Downstream End	C7: Height (in):	
C4: Flow direction:	Southwest (225 Deg)	C8: Material:	HDPE Corrugated (typically black)
C5: Shape	Circular (round)		
Section D: Site Indicators			
D1: Animal Presence nearby	None Observed	D7: Dep/Stains – Other	None
D2: Odors	None Detected	D8: Sediment Accum	None
D3: Odor Severity	None	D9: Algae/slime	Faint or Low
D4: Dep/Stains - Oil/Grease	None	D10: Vegetation Growth	Normal
D5: Dep/Stains - Sewage Fungus	None	D11: Structural Damage	Good Condition
D6: Dep/Stains - Paint	None	D12: DWF Present?	Yes, Dry Weather Flow Present
Section E: Water Indicators			
E1: Flow Depth (in)	0.5	E5: Floatables - Other	None
E2: Floatables - Sewage	None	E6: Color	Clear
E3: Floatables - Suds	None	E7: Turbidity	Clear
E4: Floatables - Petroleum	None	E8: Sediment Discharge	None
E9: Sample Collected?	Yes		
Section F: Overall Field Characterization, <i>characterization by crews in the field, not a final determination</i>			
F1: Overall Field Characterization	Potential Problem		
Section I: Comments			
Section J: Lab Samples			
J1: Sample ID	9614540	J2: Submitted Date	July 5, 2021 8:00 PM
J3: Analysis Date:		July 6, 2021 8:00 PM	
Parameter	Result Code	Result	Units
J4: pH		7.2	
J4: Ammonia	Not Detected		ug/L
J5: Surfactants	Not Detected		ug/L
J6: E. coli	Numeric	328.2	CFU/100ml
<small>Num=numeric; ND=Not Detected; NT=not tested; LDL=lower detection limit; UDL=upper detection limit; BDL=below detection limit; ADL=above detection limit</small>			
Section K: Conclusion/Next Steps			
K1: Conclusion	Illicit discharge unlikely, no further action needed this permit cycle		
K2: Next Step – Explained: Field crews initially marked the site as a potential problem because a water sample was taken. After reviewing the information, no unusual characteristics were observed and therefore an illicit discharge is unlikely.			
K3: Conclusion By	Jenna Troppman	K4: Conclusion Date: July 22, 2021 8:00 PM	
Section L: Checked			
L1: Checked By	Dan Christian	L2: Checked On: September 23, 2021 8:00 PM	

Section G: Photographs







Brighton Analytical LLC
 2105 Pless Drive
 Brighton, Michigan 48114
 Phone: (810)229-7575 (810)229-8650
 e-mail: bai-brighton@sboglobal.net
 EGLE Certified #9404
 NELAC Accredited #176507

Sample Date: 07/06/2021
 Submit Date: 07/06/2021
 Report Date: 07/09/2021

To: Tetra-Tech Geo
 710 Avis Drive
 Ann Arbor, MI 48108

BA Report Number: **75726** Project Name: **GCDC**
 BA Sample ID: **CP00669** Project Number:
 Sample ID: **9614540**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Inorganic Analysis						
Ammonia	Not detected	ug/L	10	SM4500 NH3G	RM	07/08/2021
Organic Analysis						
Surfactants MBAS	Not detected	ug/L	50	SM5540C	MB	07/07/2021
Microbiological Analysis						
E. coli	328.2	CFU/100 ml	1.0	SM9223B M Well	WT	07/06/2021

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

Released by

Date

7/9/2021

2/10/21

IDEP Change / Add / Delete form

Current Conditions

Structure # 9614541

Owner City of

Change

Addition: New # same as above

Delete

Explanation: Per Eric Wiederhold,

add this outfall in park as

categorical

field confirmed

Changed in GIS

Storm Line added

Municipal line added

Municipal Outfall added

Changed in IDEP Files Scanned

Changed on MI WATERS



Rogers Lodge

9614540

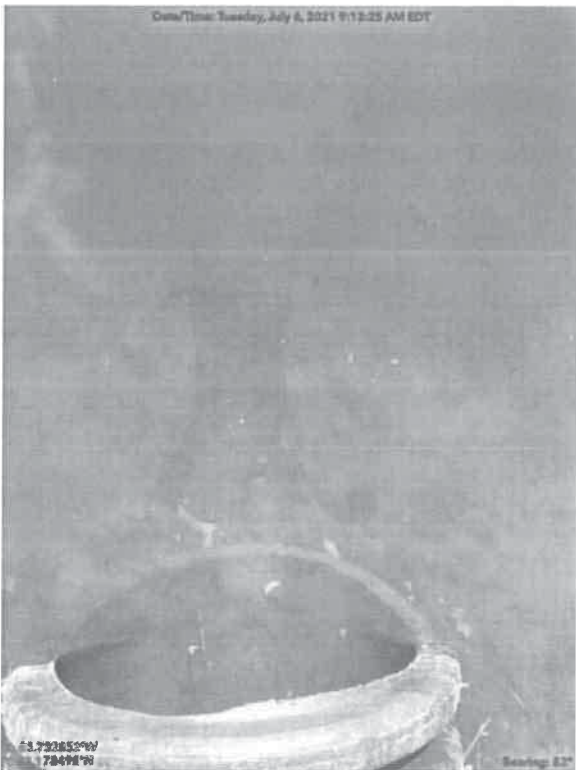
9614523

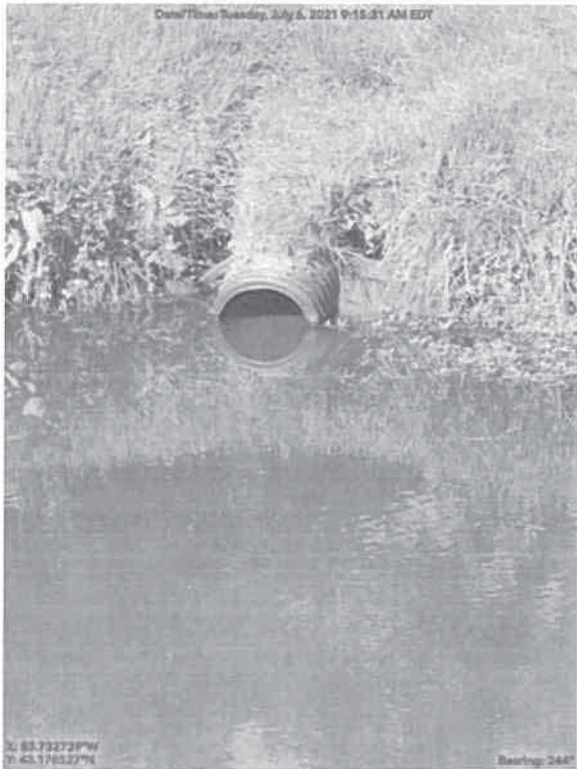
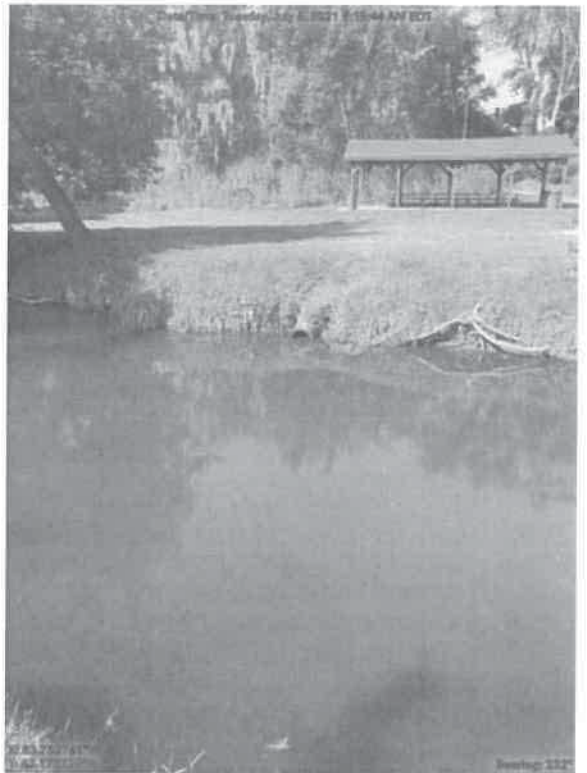
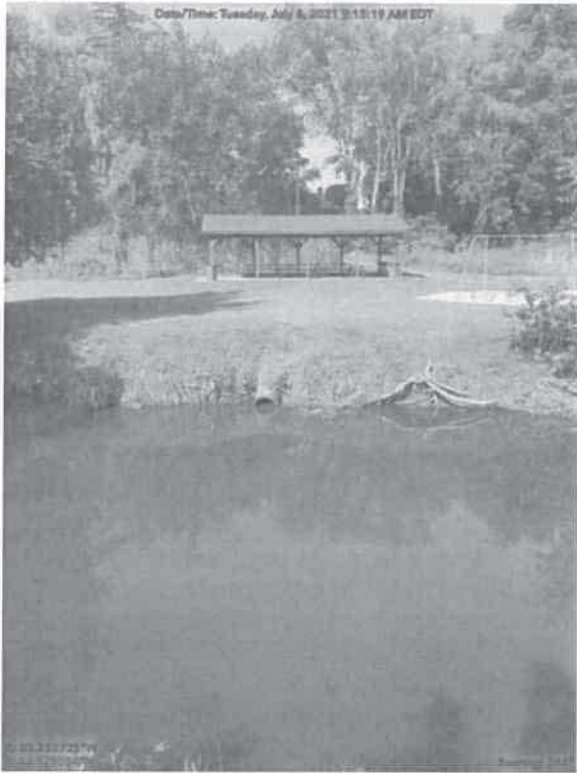
9614541

EPIC

Section A: Core			
A1: Location ID	9614541	A3: Observation Date/Time	July 6, 2021 9:08 AM
A2: Latitude:		A4: Inspector 1	Amanda Mariani
Longitude:		A5: Inspector 2	Jenna Troppman
A6: Location Description: On wrong side of river			
Section B: Preselected Site			
B1: Preselected site?	Yes	B2: Site Found	Yes
B3: Site Accessible		Yes	
B4: Provide Reason if not accessible:			
Section C: Conveyance Asset Information			
C1: Type of system?	Downstream end of a Pipe (or culvert) discharging to a Channel (ditch or drain)		
C2: Asset Type:	Pipe	C6: Width or Dia (in)	18
C3: Which end?	Downstream End	C7: Height (in):	
C4: Flow direction:	East (90 Deg)	C8: Material:	HDPE Corrugated (typically black)
C5: Shape	Circular (round)		
Section D: Site Indicators			
D1: Animal Presence nearby	None Observed	D7: Dep/Stains – Other	None
D2: Odors	None Detected	D8: Sediment Accum	Faint or Low
D3: Odor Severity	None	D9: Algae/slime	None
D4: Dep/Stains - Oil/Grease	None	D10: Vegetation Growth	Normal
D5: Dep/Stains - Sewage Fungus	None	D11: Structural Damage	Good Condition
D6: Dep/Stains - Paint	None	D12: DWF Present?	No Dry Weather Flow Present
Section E: Water Indicators			
E1: Flow Depth (in)		E5: Floatables - Other	
E2: Floatables - Sewage		E6: Color	
E3: Floatables - Suds		E7: Turbidity	
E4: Floatables - Petroleum		E8: Sediment Discharge	
E9: Sample Collected?			
Section F: Overall Field Characterization, characterization by crews in the field, not a final determination			
F1: Overall Field Characterization	Unlikely		
Section I: Comments			
There is some erosion around the pipe			
Section J: Lab Samples			
J1: Sample ID	9614541	J2: Submitted Date	
		J3: Analysis Date:	
Parameter	Result Code	Result	Action Levels
J4: pH			< 7 or > 9
J4: Ammonia			≥ 1.0 mg/l
J5: Surfactants			≥ 0.2 mg/l
J6: E. coli			≥ 2000 CFU/100ml
<small>Num=numeric; ND=Not Detected; NT=not tested; LDL=lower detection limit; UDL=upper detection limit; BDL=below detection limit; ADL=above detection limit</small>			
Section K: Conclusion/Next Steps			
K1: Conclusion	Illicit discharge unlikely, no further action needed this permit cycle		
K2: Next Step – Explained:			
K3: Conclusion By	Jenna Troppman	K4: Conclusion Date:	July 25, 2021 8:00 PM
Section L: Checked			
L1: Checked By	Dan Christian	L2: Checked On:	August 12, 2021 8:00 PM

Section G: Photographs





11/17/21

IDEP Change / Add / Delete form

Current Conditions

Structure # 9623501

Owner City of

Change

Addition: New # _____

Delete

Explanation: Per Eric Wiederhold, this
outfall is private MHP & should not
be part of MS4

Changed in GIS

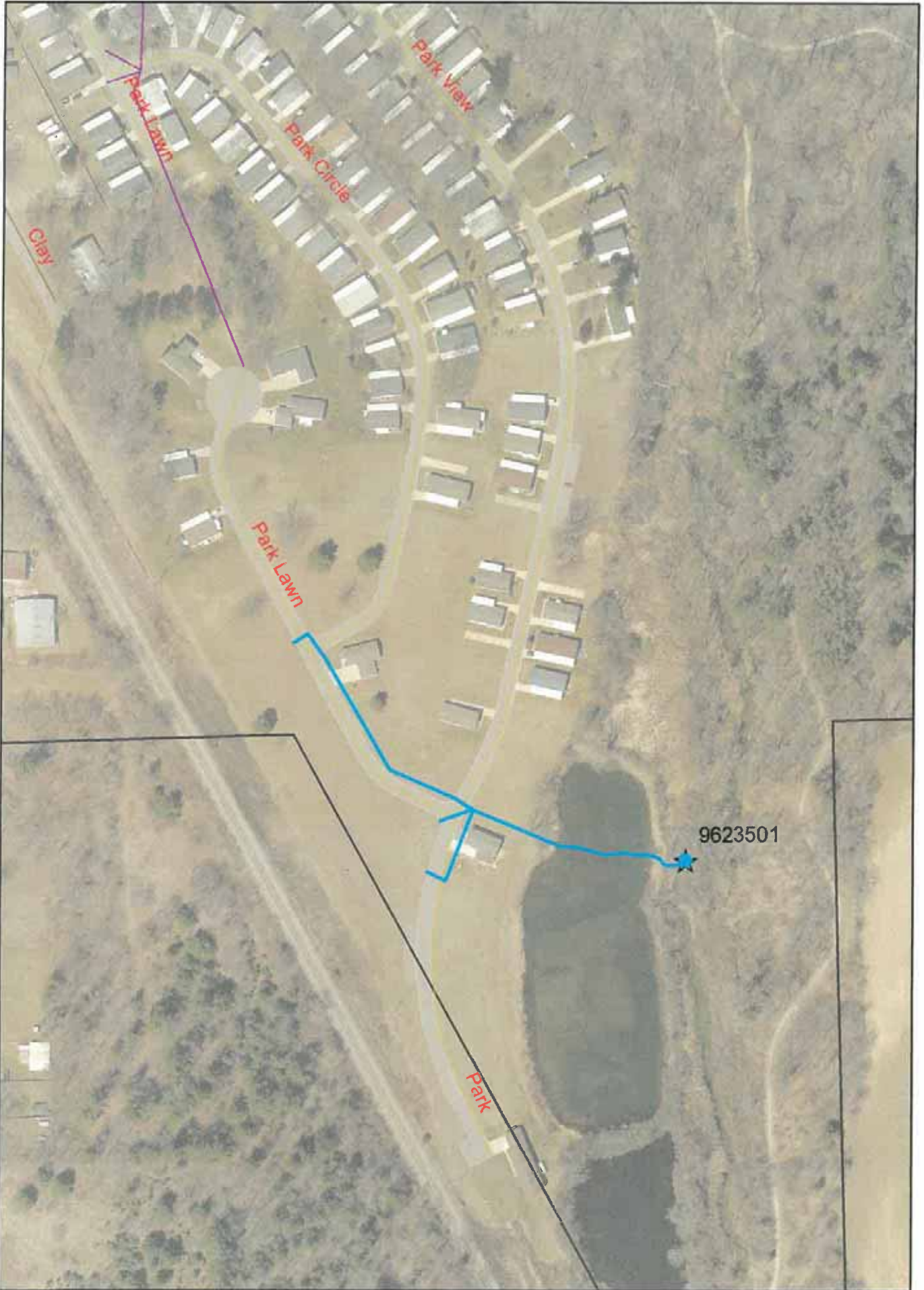
Storm Line change to private

Municipal line N/A made private

Municipal Outfall Made private

Changed in IDEP Files Scanned

Changed on MI WATERS



IDEP Change / Add / Delete form

Date 4-26-22

Current Conditions

Structure # 8726267
8726268

Owner GC-School

Change

Addition: New # 267+268

Delete

Explanation: outfalls on field map by
Arch Env - add

Changed in GIS

Storm Line N/A

Municipal line

Municipal Outfall

} add

Scanned to IDEP Files

K:\Stormwater Management\Archive- Scanned Documents\Programs\IDEP

Changed on MI WATERS

Date _____

no map = see layer