LABEL	NAME	BUILT / UPGRADE YEAR	SERIAL NUMBER	Manuf.	DESIGN YEAR	AREA SERVED				PUMPS				DESIGN HEAD		FORCE MAIN		CONVEYANCE and NOTES
						TOTAL Drainage Basin (Ac.)	AREA IN SERVICE AREA (Ac.)	AREA ON SEWER (Ac)	AREA NOT SEWERD (Ac)	ADF (gpd)	Peak (gpm)	(HP)	(gpm)	60 Day Average 24hr Run Time (Minutes)	Date of runtime collection	STATIC (ft.)	TDH (ft.)	DIA (in.)	LENGTH (ft.)	
E2	MLK1	1989	16-4002-S	S&L		102	523	17	506	261,500	545	20	390	130	3/29/2023		93		1,416	EO Dated 1989, originially dated 1950
E3	MLK2	1989	16-4001-S	S&L		115	134	8	126	67,000	140	15	345	94	3/29/2023		80		1,927	EO Dated 1989, originially dated 1950
E4	MLK3	1988	16-3757	S&L		122	523	42	481	261,500	545	15	300	126	3/29/2023		95		3,602	Full trim impeller ordered in 2007, new flow unknown EO dated 1988,originially dated 1985
E5	BUHLER	1998	166359	S&L		134	74	33	41	37,000	77	7.5	177	59	3/29/2023		51		4,901	
E6	COUNTY FARM ROAD (IW Davis)	1980's	M1-58525A, M2-58525B	?		N/A	83	24	59	41,500	86	15		50	3/29/2023				4,912	Basin not receiving flow at lowest most efficient/beneficial point. likely serves local facilities (agricultural facility, jail, etc). Report says three pumps and calls it IW Davis
E7	WEST SIDE	1994	28-0167	S&L		2,080	2,912	418	2,494	1,456,000	3,033	40	160	3,748	3/29/2023	164	207	6	15,000	Four Pumps - 2 20 HP Each in series
		2024	NP3301	Flygt	2023		2,912	418	2,494	1,456,000	3,033	105	1,200			160	190	16	14,290	Upgrade to 105 HP Flygt Pumps and 16-inch HDPE Force Main, Duplex flows shown
		2024	NP3301	Flygt	2023		2,912	418	2,494	1,456,000	3,033	105	1,700			160	210	16	14,290	Upgrade to 105 HP Flygt Pumps and 16-inch HDPE Force Main, Triplex flows shown
E8	PRESERVES	2004	FX01005	S&L		384	330	117	213	165,000	344	20	225	95	3/29/2023		114		1,654	To be Decommissioned
E9	HOLDERS MILL	1993	16-5261	S&L		301	110	106	4	55,000	115	25	154	137	3/29/2023		143		4,047	To be Decommissioned
E10	JETT ROBERTS	1950	25-1087	S&L		49	283	218	65	141,500	295	40	337	222	3/29/2023	118	227	6	20,335	Four Pumps - 2 20 HP Each in series
		2024																		
E11	HAWKS RIDGE	2002	FX-1033	S&L		122	190	52	138	95,000	198	25	180	117	3/29/2023		137	6	4,066	FM size est. from flow
E12	HARDEES	1989	16-4165-S	S&L		N/A	342	13	329	171,000	356	20	500	408	3/29/2023	57			2,501	Receive flow from McDonald's & Carrier
		2024	NP 3171 MT	Flygt	2024							30	900	227	Est.	57	78	10		Rebuild Lift Station at Existing Location
E13	MCDONALDS	1989	14-1633-S	S&L		N/A	1,050	268	782	525,000	1,094	40	500	183	3/29/2023		121		1,959	Receives flow from Sumimoto and gravity from rt129
		2024		Flygt	2023		1,050	268	782	525,000	1,094									
E14	PATILLO INDUSTRIAL PARK (Sumimoto)	1993	16-5104	S&L		422	685	134	551	342,500	714	15	318	166	3/29/2023		95		4,144	Report calls this Sumimoto
E16	JEFFERSON WALK	2003	FX-1085	S&L		90	311	253	58	155,500	324	25	275	249	3/29/2023		135		9,394	
E17	BROOKSIDE	2004	FX-1149	S&L		115	172	76	96	86,000	179	25	375	85	3/29/2023		113	6	4,017	Shown as proposed on old Sewer Map
E18	HERITAGE	2004	16-7727	S&L		43	952	93	859	476,000	992	60	450	68	3/29/2023		180	8	14,768	pumps to I85 or Hardees
E19	LINKESH	2007	168431	S&L		N/A	100	2	98	50,000	104	7.5	220	21	3/29/2023		60			Location appears to serve only one building, Basin not receiving flow at lowest most efficient/beneficial point, Estimated hydraulic conditions. Plans call for Flygt NP3153.095.SH, HP Estimated
E20	HOLDERS CREEK	2017	17-0160	Flygt		38	1,272	120	1,152	636,000	1,325	23	311	25	3/29/2023	87	143	6	5,700	
E21	JEFFERSON TRAIL	2020	19-0393	Flygt		160	348	88	260	174,000	363			65	3/29/2023					Johnny Hastings development - to be decomissioned
E22	PROSE CONCORD APARTMENTS	2022	21-0568	Flygt		49	20	20	0	10,000	21	12	240	75	3/29/2023	55	64	6	2,200	Force Main length is estimated
E23	GATEWAY CROSSING	2022		Flygt		570	647	35	612	323,500	674	7.5	119	NO DATA	3/29/2023	22	35	4	1,450	Publix Pump Station - To Be decommissioned
E24	ACE (TRAMMELL CROW) - Private	2022	NP 3102	Flygt		N/A	50	7	43	25,000	52			pvt						Private station at Ace Hardware off Hog Mountain Road - pumps to I85 or Hardees
E25	CARRIER - Private	2018	NP 3127 SH	Flygt		N/A	71	49	22	35,500	74	11	93	pvt	3/29/2023		131		1,852	Private pump station - pumps to Hardees
E26	JEFFERSON HILLS	2021	NP 3127	Flygt	2021		53	20	33	26,500	106	11	108	NO DATA	3/29/2023	60	74	4	3,630	Static head based on surface elevation of WRF outfall diameter based on est. flow
		2050					266	166								60		6	4,491	Static head based on surface elevation of WRF outfall diameter based on est. flow
E27	MALLARDS LANDING		20-0811				79	79	0	39,500	82			89	3/29/2023					Area served based on GIS
E28	HARDIN TERRACE - Private	2005	18-0247						0	0	0			pvt						Currently serves the Hardin Terrace development, could serve an additional 266 acres and decomission Brookside

LABEL	NAME	DESIGN YEAR	AREA SERVED				PUMPS						DESIGN HEAD		FORCE MAIN		CONVEYANCE and NOTES
			AREA (Ac.)				ADF (gpm)	Peak (gpm)	(Hp)	(gpm)			STATIC (ft.)	TDH (ft.)	DIA (in.)	LENGTH (ft.)	
P1	Old Pendergrass Road	2023	1000	1,006			503,000	1,215	72	700			125	140	6,500		Duplex expand to 3 pumps for 1,215 gpm
P2	Legg Road	2024															Initially pump to Jett Roberts PS

2,500 1,250 0 2,500 5,000 US Feet

Legend

- Pumpstation
- Proposed Lift Station
- Proposed Sanitary Manhole
- Exiting Sanitary Manhole
- Air Valve
- Proposed Force Main
- Proposed Gravity Sewer
- Force Main
- Gravity Sewer
- Unknown Mains
- Sub Division
- Jefferson City Limits
- Tax Parcels
- Water Reclamation Plant

City of Jefferson

WASTEWATER DEPARTMENT

SEWER MASTER PLAN

December 2023

CEC
CIVIL ENGINEERING CONSULTANTS, INC.
Civil & Environmental Engineering

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