

► Masten District Community Meeting

Date: Thursday April 28th, 2025

Time: 6:00 PM – 8:00 PM

Location: Northland Workforce Training Center, 683 Northland Ave, Buffalo, NY 14211

BSA/ PROGRAM MANAGEMENT TEAM ATTENDEES

Rosaleen Nogle (BSA)

Regina Harris (BSA)

Scott Steinwald (BSA)

Perry Pope (BSA)

Art Hall (Hallmark)

Katie Segarra (Hallmark)

Cambridge Boyd (Hallmark)

Jaime Davidson (JM Davidson)

Nadia Mugisha (Arcadis)

* The sign-in sheet with a complete list of community members who attended is attached.

AGENDA

1. Queen City Clean Waters Program Overview
2. Overview of Masten District Specific Projects
3. Q&A

ACTION ITEMS

1. Respond to questions on FAQs Poster Board
- Program Management Team
(PMT)

MEETING SUMMARY NOTES

Queen City Clean Waters: Masten District Community Meeting Summary Notes

Meeting Summary – April 28, 2025 | 6:00 – 8:00 PM

Location: Masten District – Northland Workforce Training Center, 683 Northland Ave, Buffalo, NY 14211

Who Attended

- Queen City Clean Waters representatives
- Stakeholder Advisory Committee Member
- Local partners
- Community members and residents

About the Initiative

- **Launched in late 2024**, as an update to Buffalo Sewer’s Long-Term Control Plan
- Investing **\$1 billion+** across 50+ combined sewer overflow and wastewater treatment projects in all nine council districts over the next 10 – 15 years
- Focuses on environmental upgrades **with economic and social benefits** for local communities

History of Buffalo Sewer

- Establishment: April 8, 1935, in response to a Department of Health mandate.
- Early Challenges: Financial instability leading to the creation of a state-established authority with \$15 million capacity.
- Long-Term Control Plan:
 - Initial report submitted in 2004, approved in 2014.
 - Ongoing adjustments revealed the need for additional projects to achieve full compliance by 2022.
 - Rebranded to the Queen City Clean Waters Initiative in 2024.

Stakeholder Advisory Committee

- Formed in January 2025 to ensure **community voices shape project design**

- Includes reps from Board of Block Clubs, Urban League, Health Equity groups, and block clubs
- Supports transparency, inclusion, and local leadership in the process

Masten District Projects:

- **Jefferson & East Delavan Offline Storage (OLS)**
 - **Goal:** Add a 1.5-million-gallon underground storage tank to prevent sewer overflows
 - **Location:** Parking lot at Canisius college; Jefferson & E. Delavan
 - **Timeline:** 2026 – 2032
 - **Budget:** Estimated \$100 Million
- **Jefferson & Florida Real Time Control (RTC)**
 - **Goal:** Add Real Time Control Structure to prevent sewer overflows.
 - **Location:** Jefferson Ave. & Florida St.
 - **Timeline:** 2025 – 2026
 - **Budget:** Estimated \$2 Million
- **Sewer Patrol Point (SPP 337)**
 - **Goal:** Near superfund site. Also, will need to include a new access road for business that will be obstructed by construction. A new chamber added to carry 3 times more flow.
 - **Location:** Intersection of Colorado Ave. & Scajaquada St.
 - **Timeline:** 2026 – 2028
 - **Budget:** Estimated \$15 Million
- **Sewer Patrol Point (SPP 336B)**
 - **Goal:** Work done within the manhole, updates to reduce combined sewer overflows.
 - **Location:** Humbolt Pkwy & Lark St.
 - **Timeline:** 2026 – 2027
 - **Budget:** Estimated \$60,000
- **Sidney & Lark Offline Storage (OLS)/Real-Time Control (RTC)**
 - **Goal:** Two options being explored OLS or RTC. Leaning towards Real-Time Control at the moment.
 - **Location:** Sidney & Lark St.
 - **Timeline:** 2027 – 2032
 - **Budget:** Two options: Estimated \$45 Million for OLS/ Estimated \$17 Million for RTC

Project Impacts and Mitigation

- **Construction Impacts:**
 - Equipment and traffic on roads, temporary noise and dust.
 - Potential road and sidewalk closures, limited street parking, and detours.

- Mitigation measures in place to minimize disruptions.
- **Environmental Compliance:**
 - State priority environmental review completed.
 - Measures to control erosion and runoff during construction.
- **Operational Benefits:**
 - Reduction in CSOs
 - Improved public health and ecosystem enhancement
 - Compliance with Environmental Protection Agency regulations

Community Engagement Highlights

- **Interactive Website:** [BuffaloQCCW.org](https://buffaloqccw.org) for ideas, surveys, and concerns
- **Public Forums:**
 - *In-person:* April, May & June – all nine council districts
 - *Virtual:* July 12, 10 AM – 12 PM (Zoom)
- **Outreach Tools:** Mailers, social media, texts, and presence at community events like National Night Out

Upcoming Events

- **July 12 @ 10 AM:** Virtual Community Forum
- More District meetings will be announced for **May & June**

Stay Connected

- Visit: <https://buffalosewer.org/>
- Visit: [BuffaloQCCW.org](https://buffaloqccw.org)
- Follow-up: Meeting notes, Q&A responses, and ongoing design updates will be published

Community Questions & Responses

1. **Why has the Buffalo Sewer Authority instituted programs like Get the Lead Out, Get Water Wise, for example?**
 - Get the Lead Out is a Buffalo Water program because it's your drinking pipes that have lead. It is not the main pipe; it's the pipe between the main and your

home. Get Water Wise is a project between Buffalo Sewer Authority and Buffalo Water that is about saving the people of Buffalo that cannot afford their sewer and water bills. If you are low-income or elderly, you can get breaks on your sewer and water bills. You can learn more at getwaterwisebuffalo.org.

2. **Will Buffalo Sewer be monitoring nearby residences and their utilities when they are blasting/drilling down to the project sites?**
 - Yes, Buffalo Sewer will monitor the surrounding residences and plan to survey foundations in advance so that if any damage occurs, they will pay for it.
3. **Will there be monitoring for any onsite contaminants in the soil/air/etc. while work is being done?**
 - Yes, there will be monitors on site while work is being done, and any soil will be tested for contaminants prior to construction.
4. **Will hiring be local?**
 - Public procurement law needs to be followed, however local hiring included in bids are goals for hiring city residents, and minority and women owned businesses.

*Note: The following questions were submitted during the meeting. Responses will be provided on the interactive website at BuffaloQCCW.org

5. **How can residents get info? (Sticky note on FAQs Poster)***
6. **Is minority hiring a priority? (Sticky note on FAQs Poster)***

NEXT MEETING (IF APPLICABLE)

Date of Next Meeting: May 13th, 2025

Time of Next Meeting: 6:00 – 8:00 PM

Location of next Meeting: Schiller Park Senior Center, 2057 Genesee St, Buffalo, NY 14211



B U F F A L O
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Masten Council District
Meeting Monday April 28,
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
Kayla Baker	dec			—	yes
Rob Mouty	R.Mouty@MastC.Buffalo.org	716-432-8758		yes	yes
Jacqueline Walker	SamRock88@gmail.com	716-864-4406	Masten Sidney/Lark	yes	yes
TC Hinton	TCstylo4@gmail.com	716-541-7044	Masten	yes	yes



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Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
REGINA HARRIS	rharris@buffalosewer.org				

Jewel Hossain	Jewelny@yahoo.com			



BUFFALO

SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Masten Council District
Meeting Monday April 28,
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
Jaime Davidson	j davidson@ jmdavidsoneng.com	716-912-1423			
Dr. Cortesia Carter	Dr. Cortesia Carter @gmail.com		Zoe Joy 716 905 3981	yes	
Marcia Ladiana	mlad14208@ gmail.com	716-935- 7253	Lot Humboldt Pkwy	no	yes
Ada Hopson Clemons	ahconnections yahoo.com	716-314 2063	Amherst / Main	Y	Y

Name	Email	Phone	Neighborhood	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266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MASTEN DISTRICT

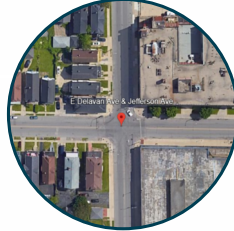


Offline Storage (OLS) (Jefferson & E Delavan)

Construction Timeline:
(Upcoming 2028 - 2032)

Description:

- Below-ground wastewater storage tank, under the parking lot at Jefferson Avenue and East Delavan Avenue



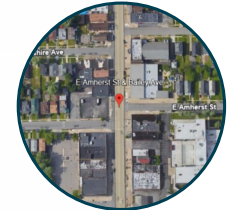
Combined Sanitary & Storm Smart Sewer (Bailey & Amherst)

IN CONSTRUCTION

Construction Timeline:
Summer 2024 - Fall 2025

Description:

- Install a gate in the sewer and a control box near the sidewalk.



Real Time Control Chamber at Sewer Patrol Point (SPP 229A)

IN CONSTRUCTION

Construction Timeline:
Spring 2025 - Fall 2025

Description:

- Install new sanitary sewer, storm sewer, water-line and a stormwater treatment device and replace lead water services encountered. Remove and install new trees, sidewalks and pavement.



Sewer Patrol Point (SPP 337) (Colorado & Scajaquada)

Construction Timeline:
Spring 2027 - Winter 2028

Description:

- Install a new chamber and drop shaft connection to the Scajaquada Tunnel. Industrial site entrance will be shifted west during construction, but local traffic should not be affected. Traffic cones and signs will be present.



Sewer Patrol Point (SPP 177) (Michigan & Glenwood)

Construction Timeline:
Summer 2026 - Winter 2027

Description:

- Three Locations:
 - SPP175 - Michigan & Dodge
 - SPP176 - Michigan & Riley
 - SPP 177 - Michigan & Glenwood
- All work will be done within three manholes and residents will see traffic cones and signs while work is being completed.



Sidney Street Offline Storage (OLS)(Sidney & Lark)

Construction Timeline:
(Upcoming 2028 - 2032)

Description:

- Concept being developed; either
- 1.) Install a new sewer, chamber, and drop shaft connection to the Scajaquada Tunnel, OR
 - 2.) Install a new below-ground wastewater storage tank.

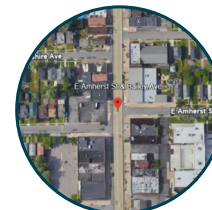


Sewer Patrol Point (SPP 336B) (Humbolt & Lark)

Construction Timeline:
Summer 2026 - Winter 2027

Description:

- All work will be done within the manhole and residents will see traffic cones and signs while work is being completed.



BSA Green Infrastructure Projects



Scan for more project information!





Queen City Clean Waters

Public Participation Forum

April 28th, 2025 – Northland Workforce Training Center

BSA Capital Projects Program Management Team:

TYLin | Greeley and Hansen
Water Solutions

Arcadis | JM Davidson Engineering | Hallmark Planning & Development | e3 Communications | Watts Architecture & Engineering | CORE
Environmental | Atlantic Testing Laboratories | Frandina Engineering and Land Surveying | KHEOPS Architecture, Engineering and Survey |
International Institute of Buffalo | Jade Stone Engineering | NASCO Construction Services | JKMuir | People Inc. | CWD Consulting

Disclaimer

- This Presentation is provided as of April 28, 2025.
- If you are viewing this Presentation after that date, subsequent events could have a material effect on this information.
- By presenting this information, Buffalo Sewer has not undertaken any obligation to update the information beyond the date of the Presentation.
- Data and other information provided are not warranted as to completeness or accuracy and are subject to change without notice.
- The views, policies, programs, and practices reflected herein also are subject to change without notice.
- This Presentation is provided for your information and convenience only.

Agenda



BACKGROUND



OVERALL PLAN



SPECIFIC PROJECTS WITHIN COUNCIL DISTRICT



OPPORTUNITIES TO STAY ENGAGED

Key Terminology

- **CSO:** when a combined sanitary and storm sewer overflows into a waterbody during high flow precipitation events.
- **Interceptor:** large diameter sewer pipe that collects wastewater from smaller neighborhood pipes.
- **ILS:** the storage of wastewater temporarily within the existing sewer pipes.
- **OLS:** A tank that holds extra water when the sewer is full, then drains it to be treated when there's space.
- Orifice plate: A flow restricting device.
- **Overflow Weir:** a barrier that lets excess water flow over the barrier to control water levels.
- **RTC:** Sewer chambers with automatic gates store and release water to prevent overflows when the treatment plant is ready.
- **SPP:** A chamber that directs water to the treatment plant in dry weather or overflow area during heavy rain.
- **Underflow Pipe:** is a pipe that allows water to flow underneath a barrier to manage water levels to prevent flooding.
- **Weir:** a structure similar to a dam. Used to control water flow.



CSO: Combined
Sewer Overflow



GI: Green
Infrastructure



ILS: In-line
Storage



OLS: Off-line
Storage Tank



RTC: Real Time
Control

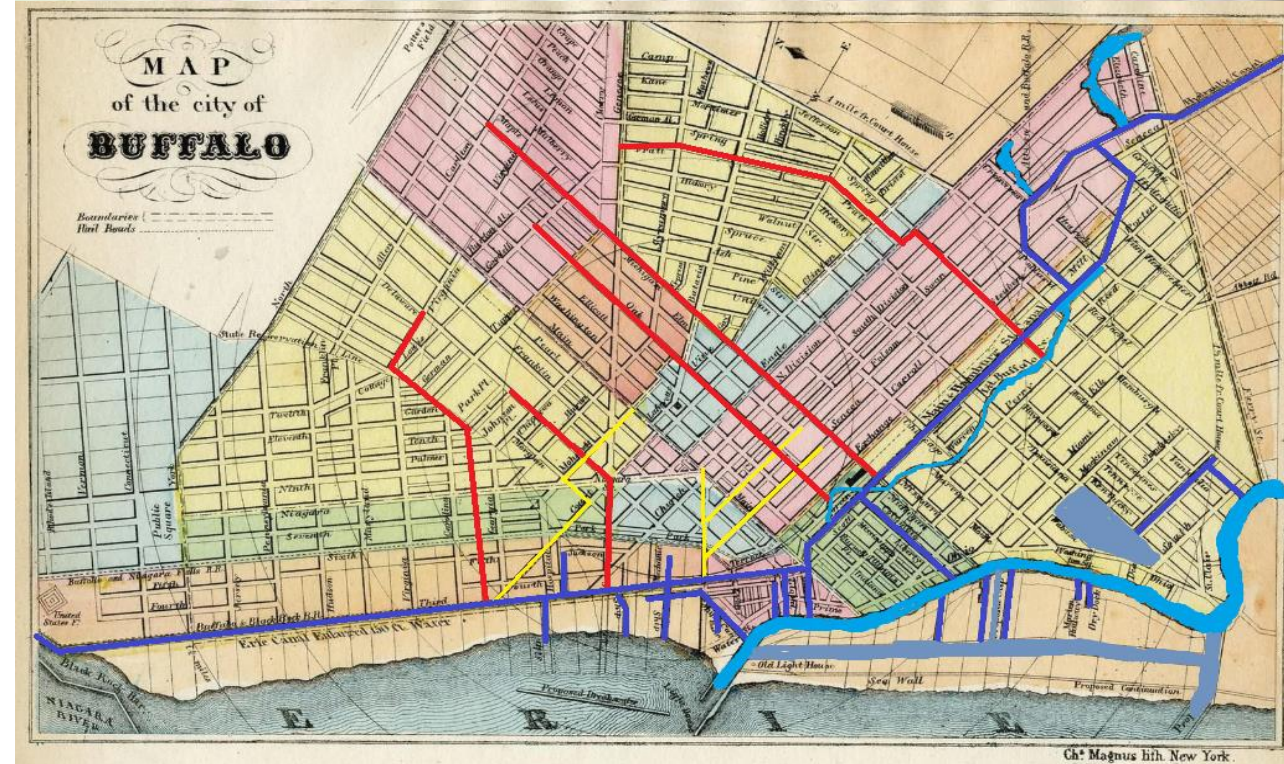


SPP: Sewer
Patrol Point

Background

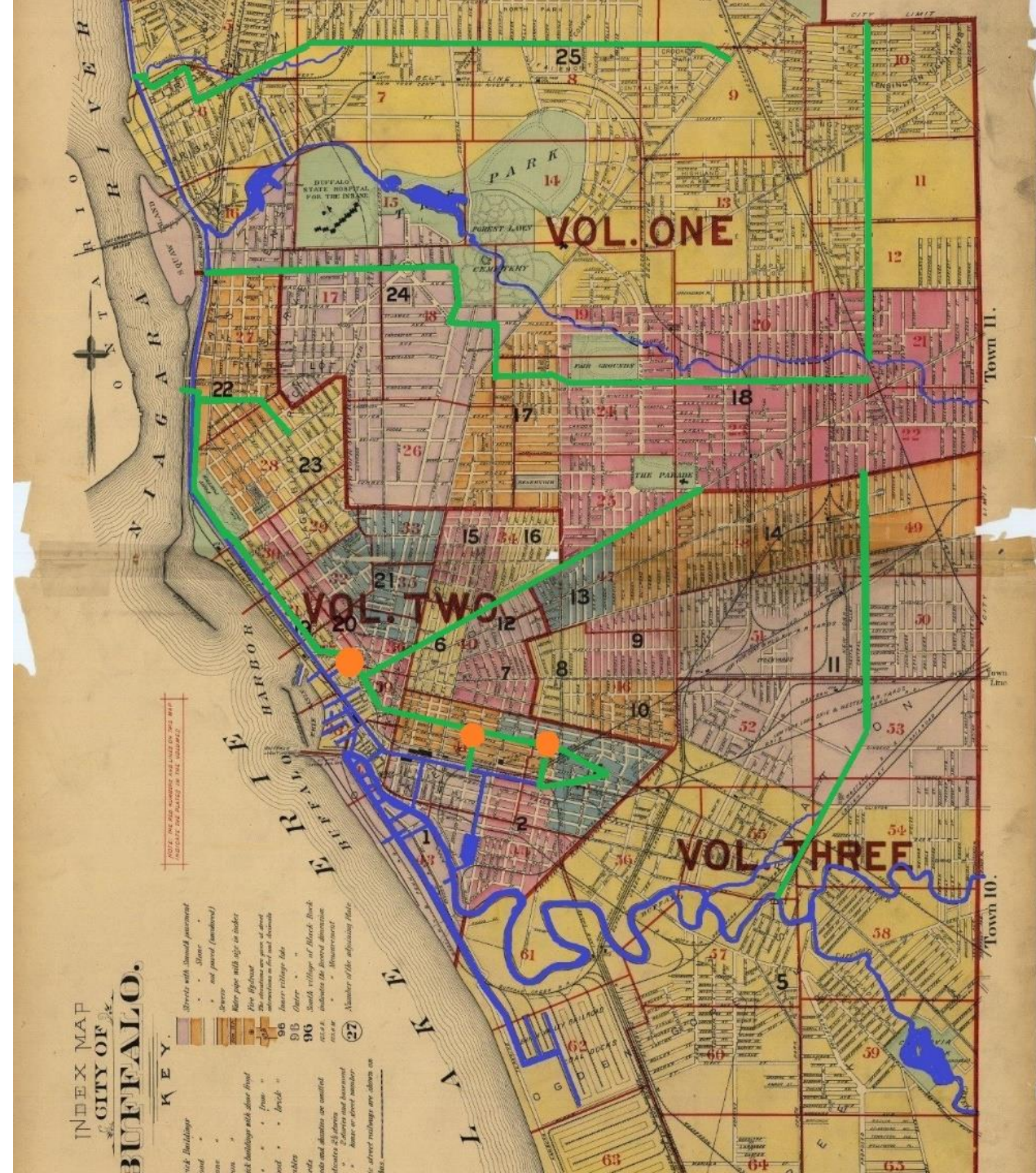
A Brief History of Buffalo's Sewers

- Erie Canal opened in 1825
- Drain the Swamp
- Cholera epidemics
 - 1832
 - 1849
 - 1852

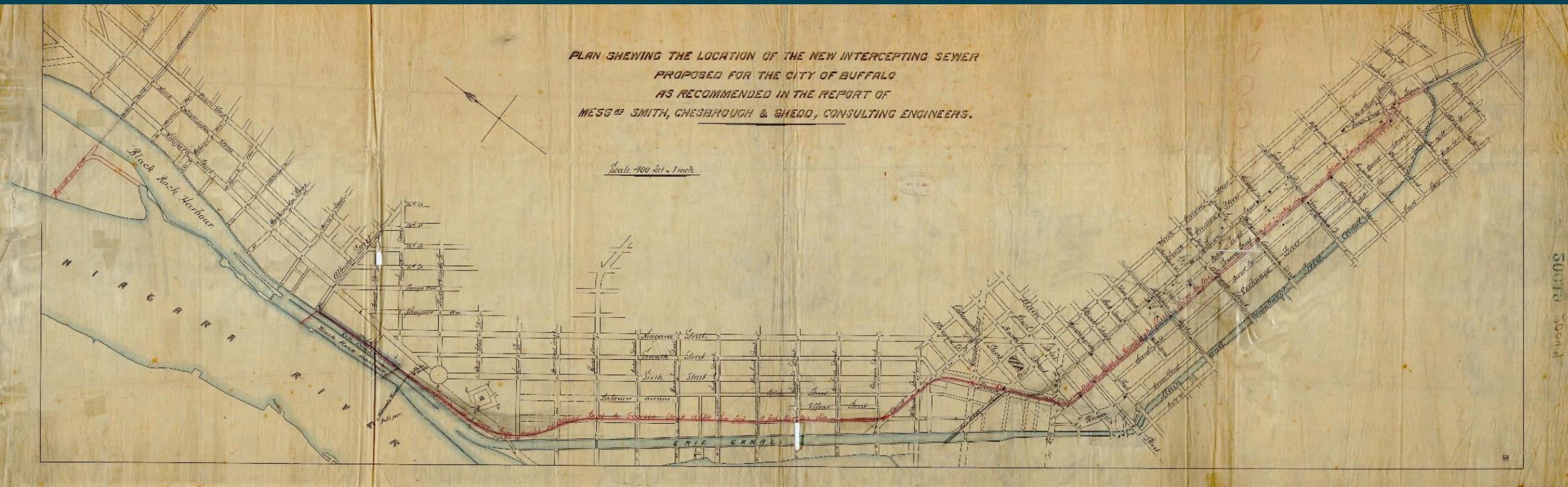


A Brief History of Buffalo's Sewers (Cont.)

- George E. Waring, Jr. 1884
- Considered, but rejected
 - Sewer separation
 - Treatment Facility
- Trunks
 - Genesee, Bird-Ferry, Hertel, Bailey, Mill Race
- Swan
 - Three flushing gates
 - Main & Hamburg Canal and Wilkenon Slip: putrid
 - 90 Degree turn at Albany Street
 - Bird Island Pier, now the tip of Freedom Park



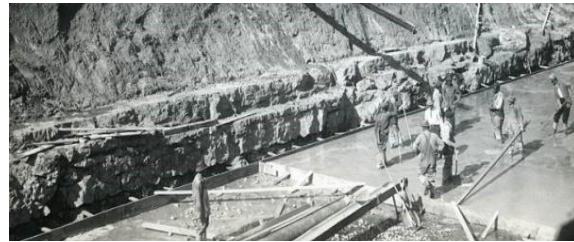
The Swan Trunk



1900-1929: Burying of Waters

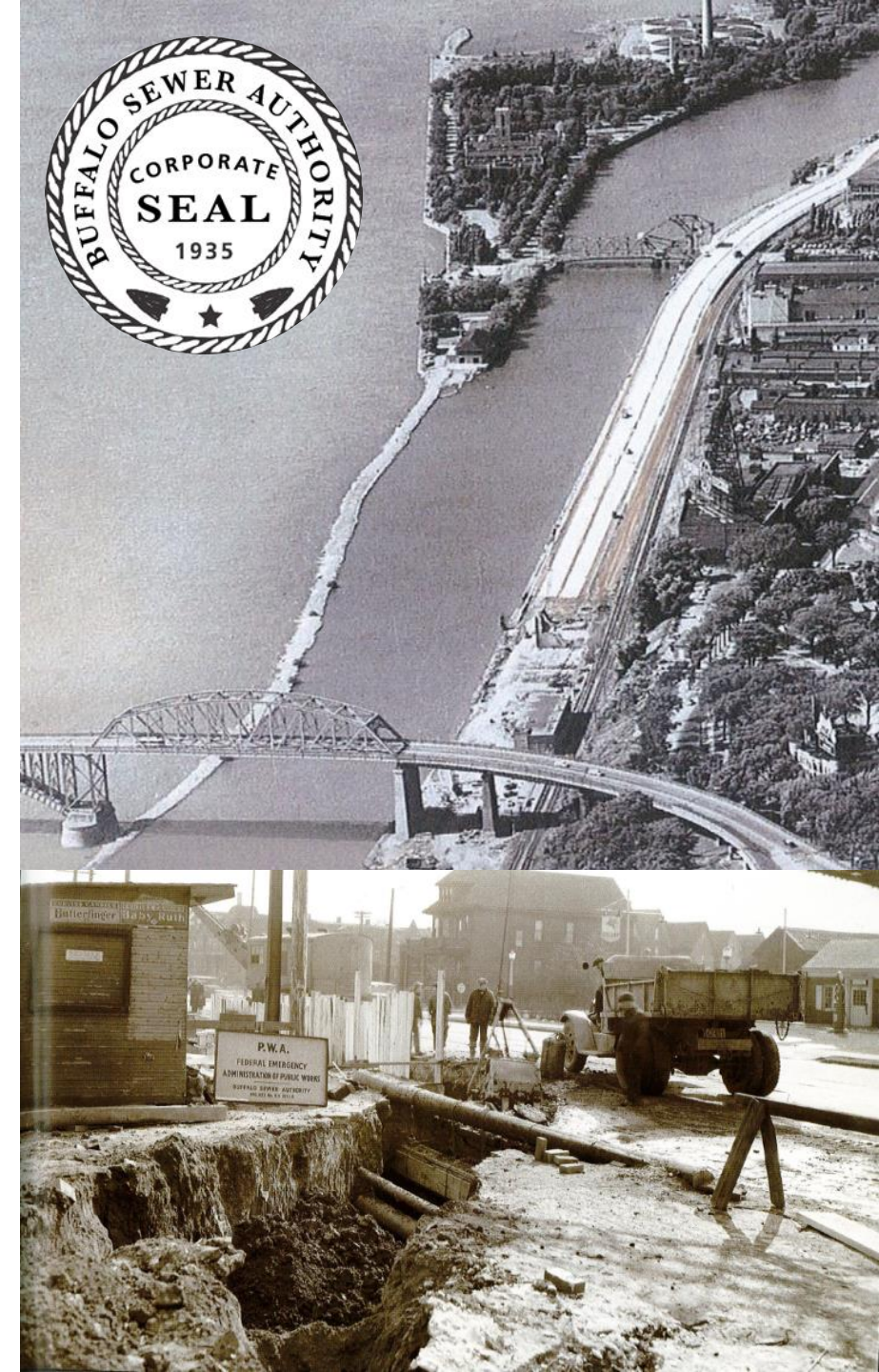
Waterways → Sewers

- Main Hamburg Canal to Hamburg Drain 1901-1903
- Ohio Basin to Ohio Drain 1902-1904
- Cornelius Creek to Hertel Avenue Overflow Drain 1914
- Scajaquada Creek to Scajaquada Drain 1925



Buffalo Sewer Authority's Founding

- 1907 Canadian Report:
 - Niagara Falls, NY Typhoid Rate
 - 0.2% Population Dying Each Year
- International Joint Commission: January 11, 1909
- 1918 Report: 80% Niagara River Pollution from Buffalo
- NYS Dept. of Health Mandate: March 1935
 - Primary Sewage Treatment Plant
 - Interceptor Sewers
- Establishment of BSA: April 8, 1935
 - \$15 M Bonding Capacity (\$344 M 2024)





1941-1970: Storm Relief and Sprawl

NYS Route 33

- Severed Bird-Ferry Trunk
- Stormwater added to system
- New pump station for stormwater and groundwater
- New trunk sewers constructed

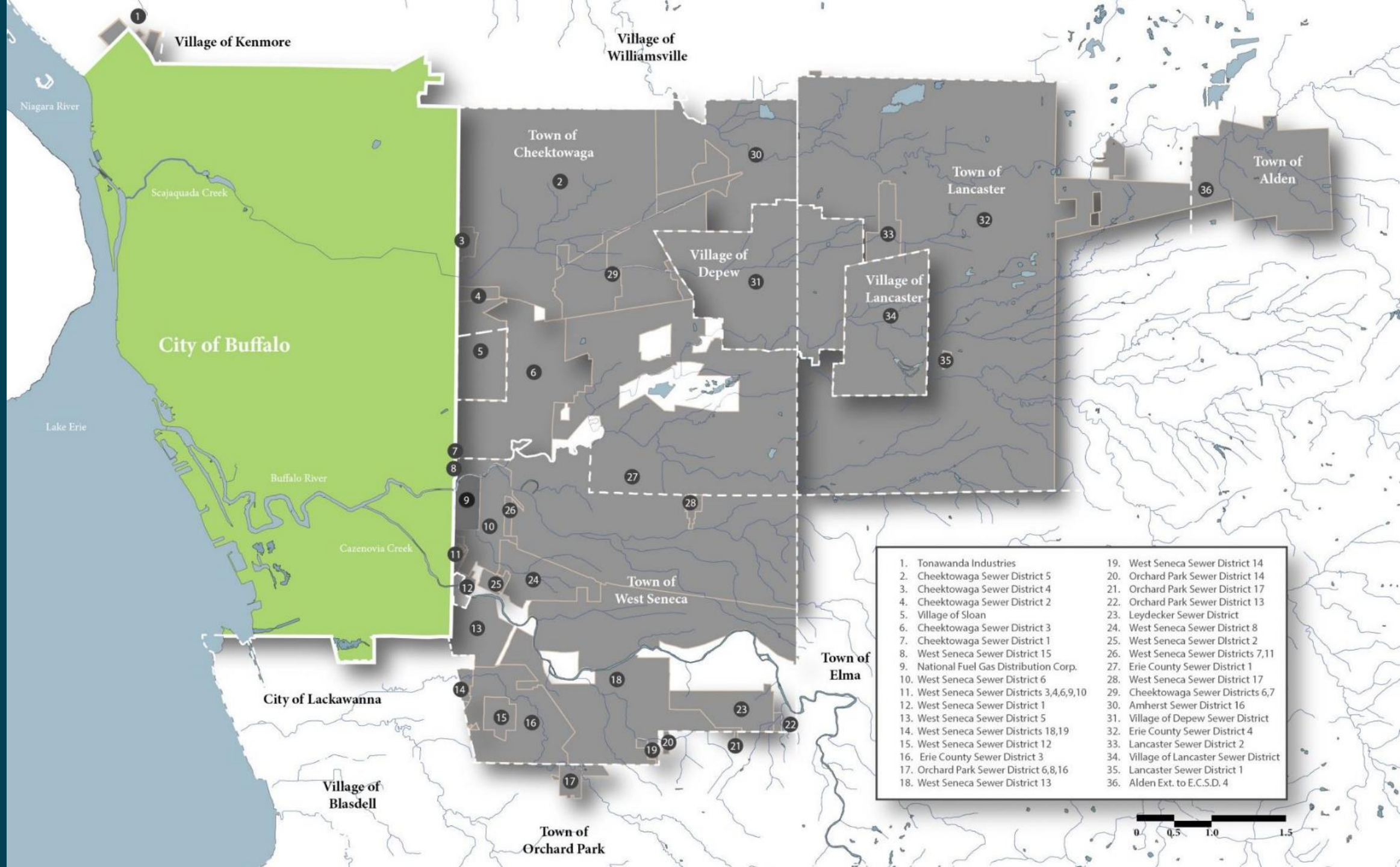
I-198

- New storm sewers
- Direct discharge to Scajaquada Creek

I-190

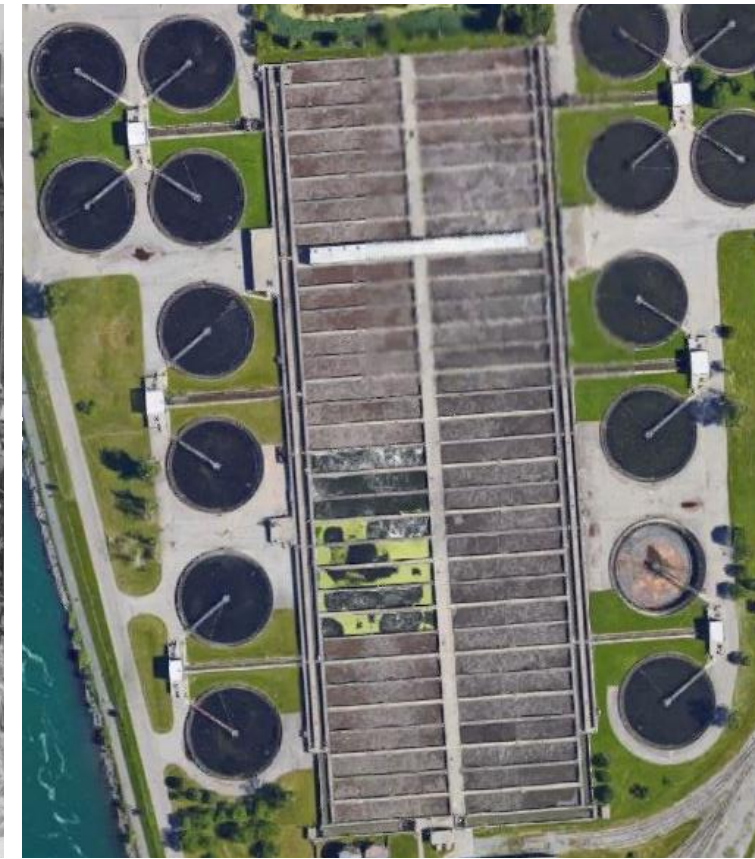
- Old Erie Canal bed
- On top of:
 - Swan Trunk
 - Interceptors
 - Hamburg Drain

1941-1970: Storm Relief and Sprawl



Clean Water Act (1972)

- Scajaquada Tunnel
- Weir Modifications
 - Diversion from Scajaquada Drain to Tunnel
 - Raising of Weirs
- Kelly Island Connection
- Backwater Gates
- Secondary Treatment Process





1994

USEPA CSO
Control Policy
Issued (Required
Development of
LTCP)

2004

Submitted Initial
LTCP to New York
State Department
of Environmental
Conservation
(NYSDEC)

2007

NYSDEC/USEPA
Request
Additional
Evaluations

2009

Negotiation of
Consent Decree
Begins

2012

Submitted
LTCP Update to
USEPA/ NYSDEC
(as directed by
regulatory agency)

2014

Final LTCP Report
Submitted to
USEPA/NYSDEC

2022

Revised collection
system model is
approved

2023

QCCW
(51 proposed
projects)
submitted to
NYSDEC

Approved Recalibration Results

- Some Combined Sewer Overflows (CSOs) Already in Compliance (Some Projects Not Needed)
- LTCP Does Not Reach Compliance for Others!

Waterbody	Activation Goals	Projected Activations
Buffalo River	6	15
Niagara River	9	14
Scajaquada Creek	4	19

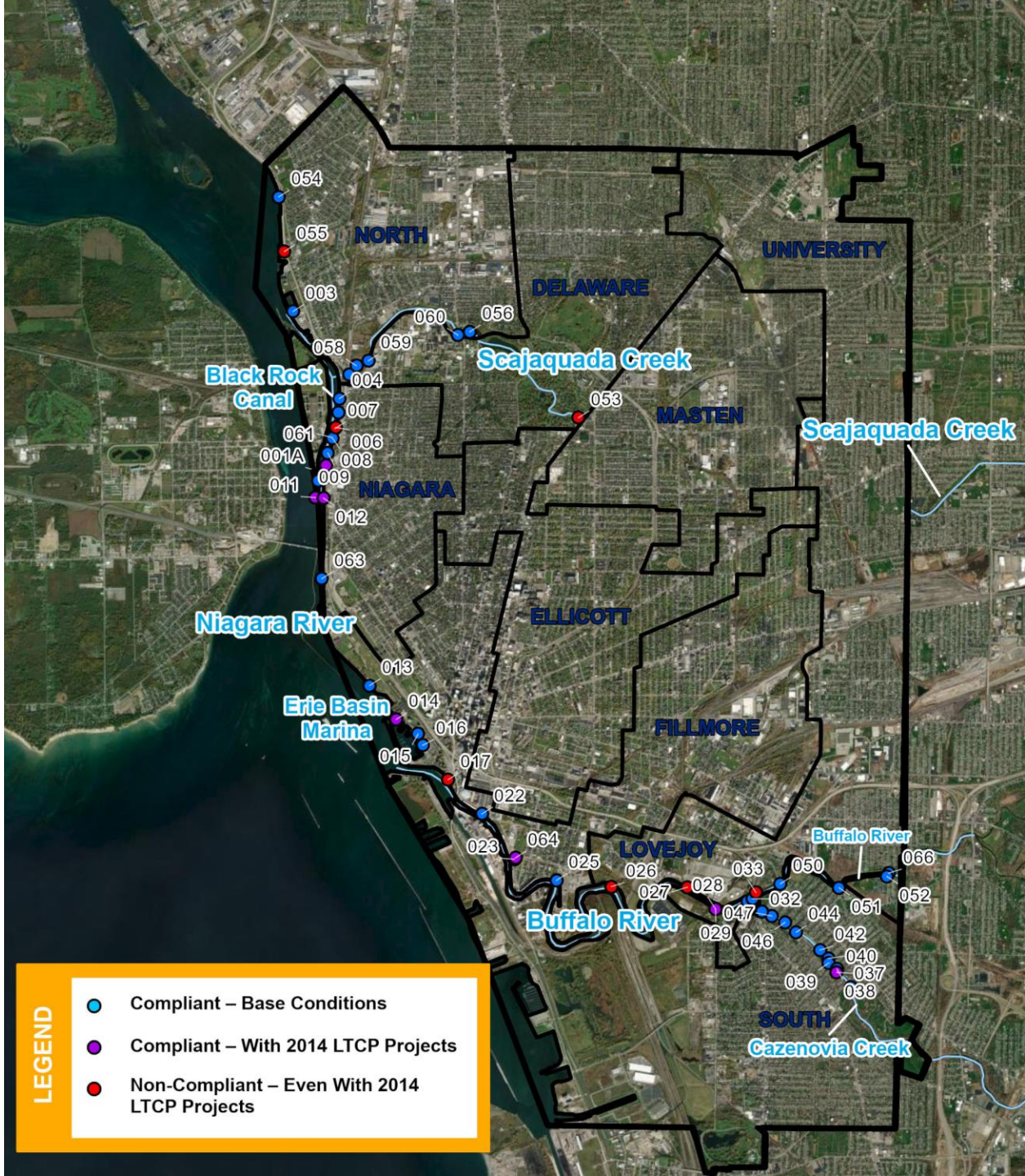
Combined Sewer Overflows Compliance

Combined Sewer Overflows							
003	004	005	006	007	008	009	010
011	012	013	014	015	016	017	022
023	025	026	027	028	029	031	032
033	035	037	038	039	040	042	044
046	047	048	049	050	051	052	053
054	055	056	057	058	059	060	061
062	063	064	066				

Proportion in Each Compliance Category



BUFFALO
SEWER AUTHORITY



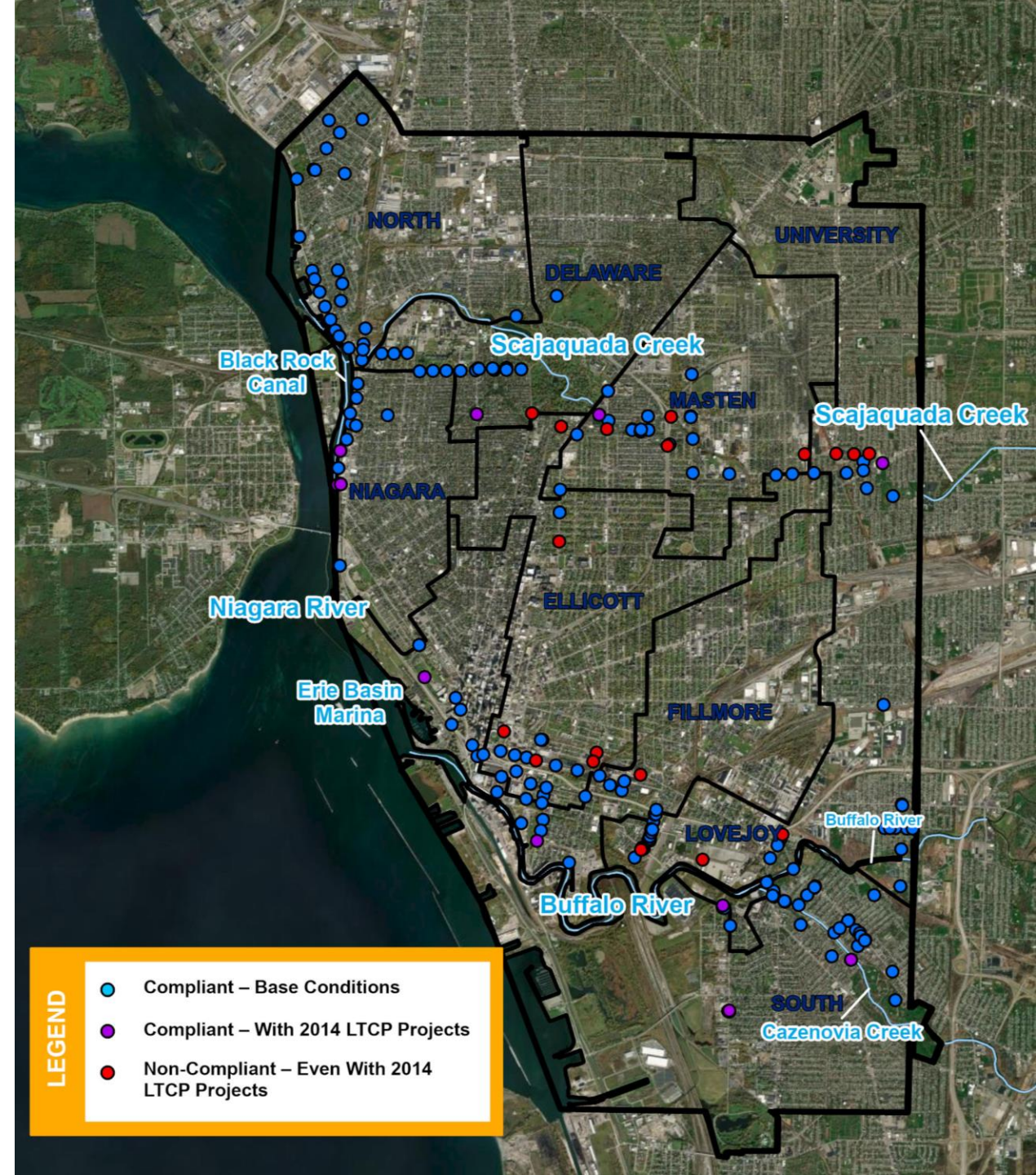
Sewer Patrol Points (SPP) Compliance

Proportion in Each Compliance Category

174

13

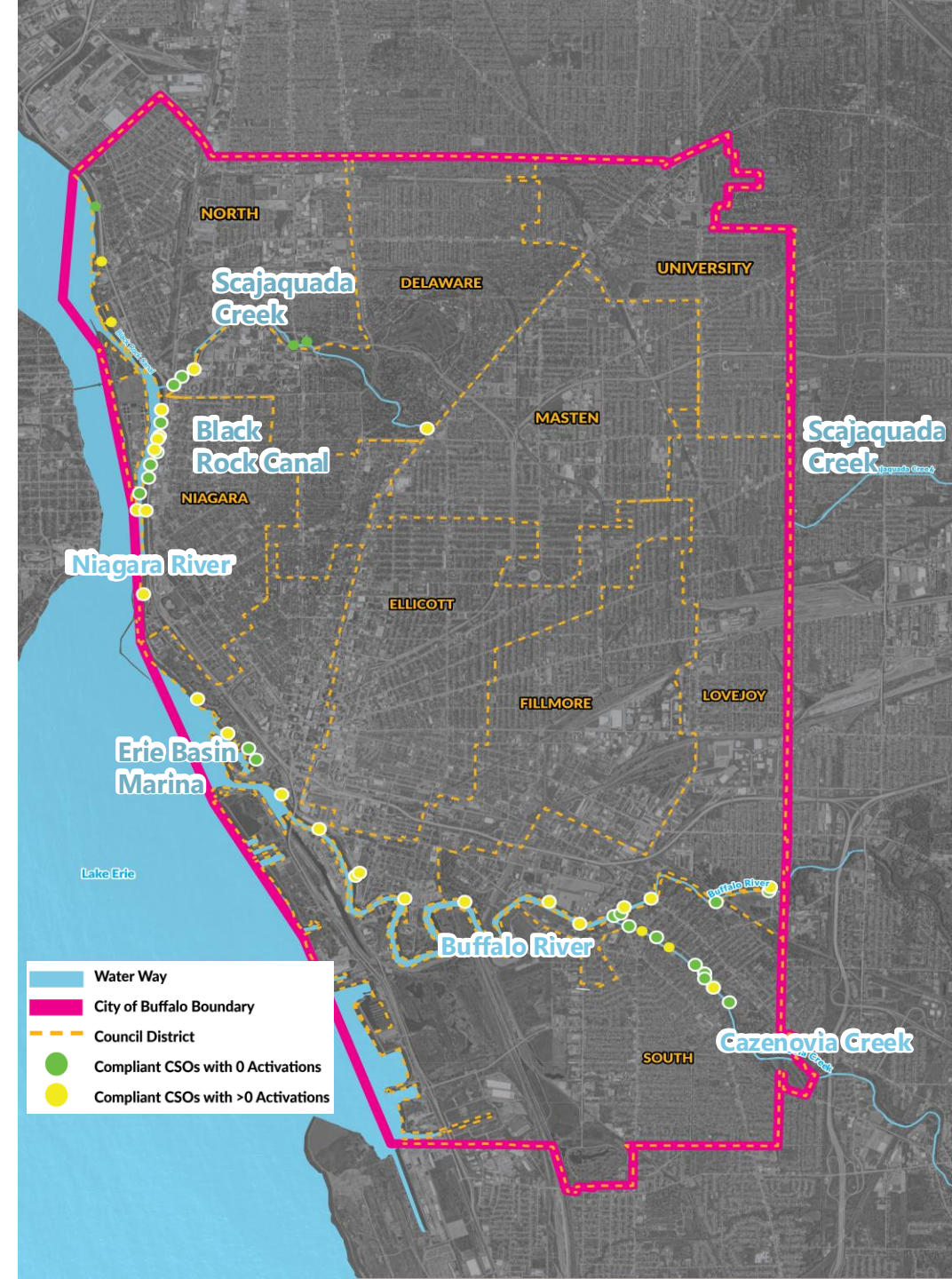
18



Development of Activation Targets

ACTIVATION = OVERFLOW OCCURRENCE

Waterbody	Activation Goals	Selected Alternatives Completion Activations
Black Rock Canal	0-4	4
Buffalo River	0-6	6
Cazenovia Creek - B	0-0	0
Cazenovia Creek - C	0-6	5
Erie Basin Marina	0-2	2
Niagara River	0-9	9
Scajaquada Creek	0-4	4
Overall	0-9	9



Lessons Learned from the 2014 LTCP

WHY WAS THE OPTIMIZATION DONE?

Feasibility Constraints for Baseline Projects in the 2014 LTCP:

- Many proposed projects were unfeasible due to compliance issues and costs, highlighting a lack of thorough consideration regarding industrial heritage and the specifics of infrastructure design, such as the differences between open and underground tanks for vehicle support.

Constraints of Offline Storage (OLS) and Storage Tunnel Projects:



Land Acquisition



Environmental Justice



Operational Cost



Depth of Bedrock

Optimization Approach

Globally Coordinated Control Strategy

Real time control (RTC) sites collaborate to prevent overflows and reduce peak flows, regardless of local conditions.

System Evaluation Considerations and Constraints

- Property ownership
- Underground contamination concerns
- Gravity flow vs. pumping
- Prioritization of sewer patrol points (SPP) with low activation requirements and high overflow in baseline projects
- Potential coordination



Original Projects Considered

77 projects including In-line (ILS) and Off-line Storage (OLS), Green Infrastructure, Sewer Separation, and Sewer Patrol Point (SPP) Modification



Optimization Rounds

- Project alternatives per SPP
- Full system optimization
- Minimizing cost while achieving compliance



Tools Used

Cloud computing for alternatives analysis



Outcome

51 projects identified as Selected Alternatives

Queen City Clean Waters (QCCW) – Mission and Vision



VISION

Clean waters and a resilient Buffalo.



MISSION

To safeguard public health and the environment while fostering strong community partnerships, creating meaningful workforce opportunities, and driving lasting economic impact for future generations in Buffalo.

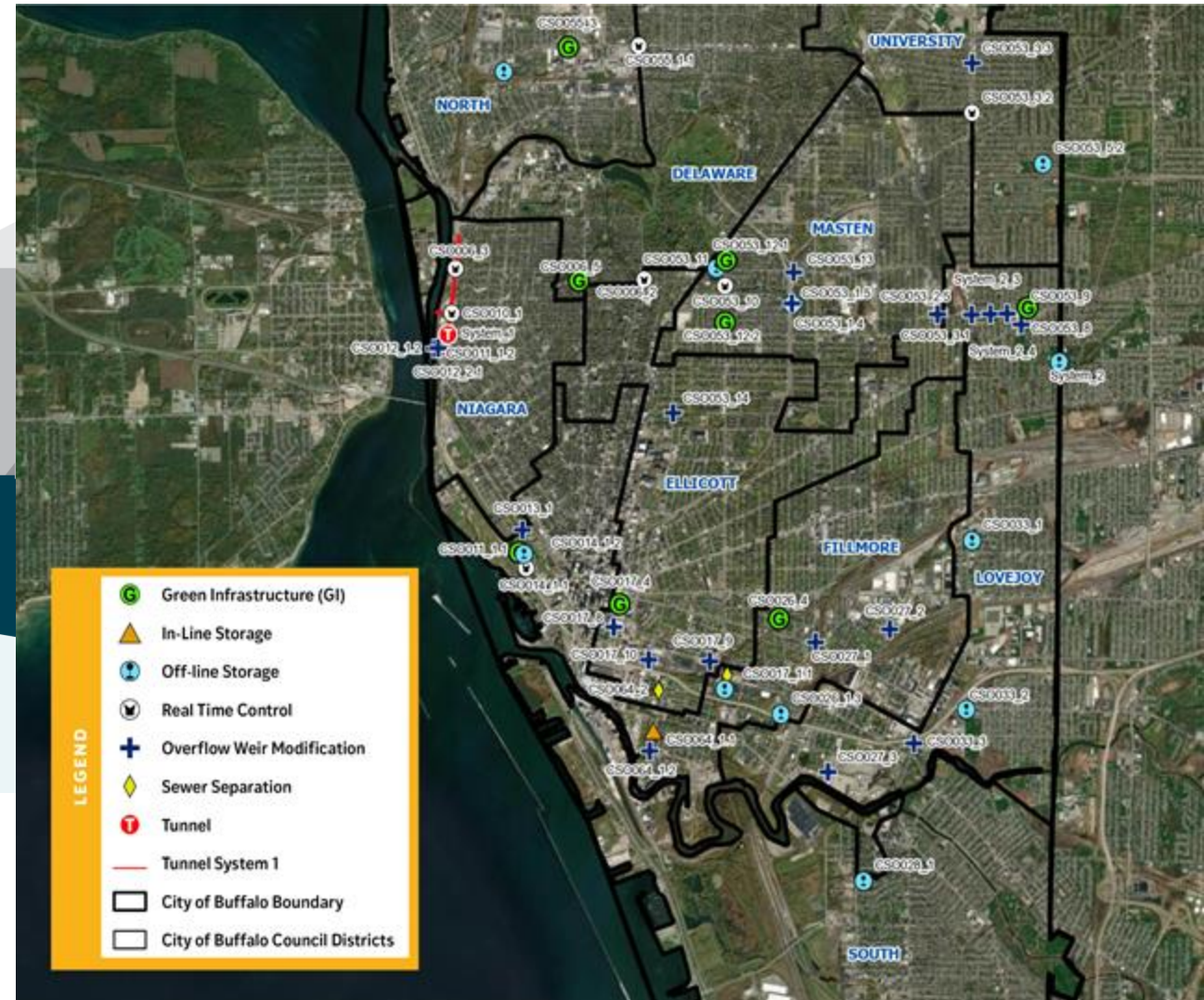
Queen City Clean Waters

PROGRAM OVERVIEW

50+
SITES

\$1
BILLION

15
YEARS



Overall Plan



Construction Impacts and Mitigation Measures

- During construction, residents can expect to see equipment and traffic cones off to one side of the road.
- Temporary disruptions, such as noise and dust, will be minimized as much as possible.
- Sewage odors will NOT be present in homes but may be present outside.

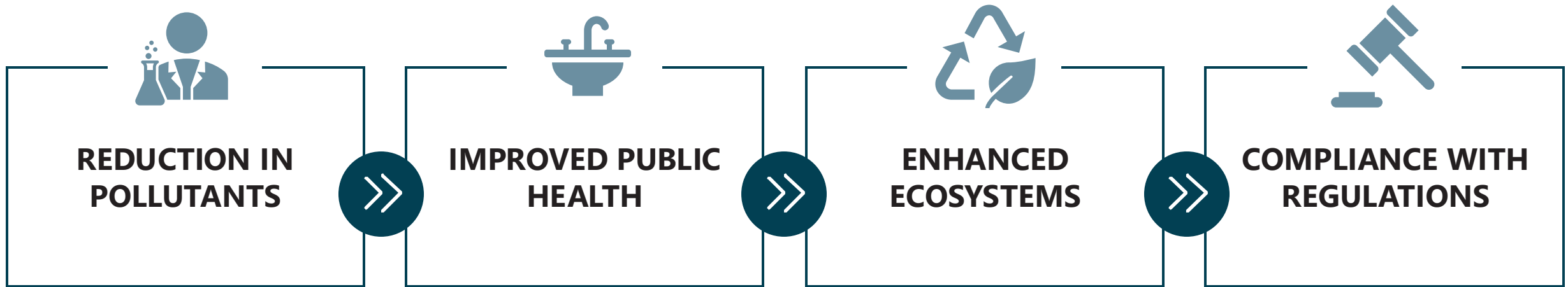


Construction Impacts and Mitigation Measures

- New traffic patterns will be in place during construction, including:
 - Partial or full road closures
 - Sidewalk closures
 - Limited street parking
 - Possible detours (for vehicles, cyclists and pedestrians)/relocated bus stop
 - Rodent control plans
 - Fencing and site visibility



Water Quality Benefits



Hertel at Deer In-Line

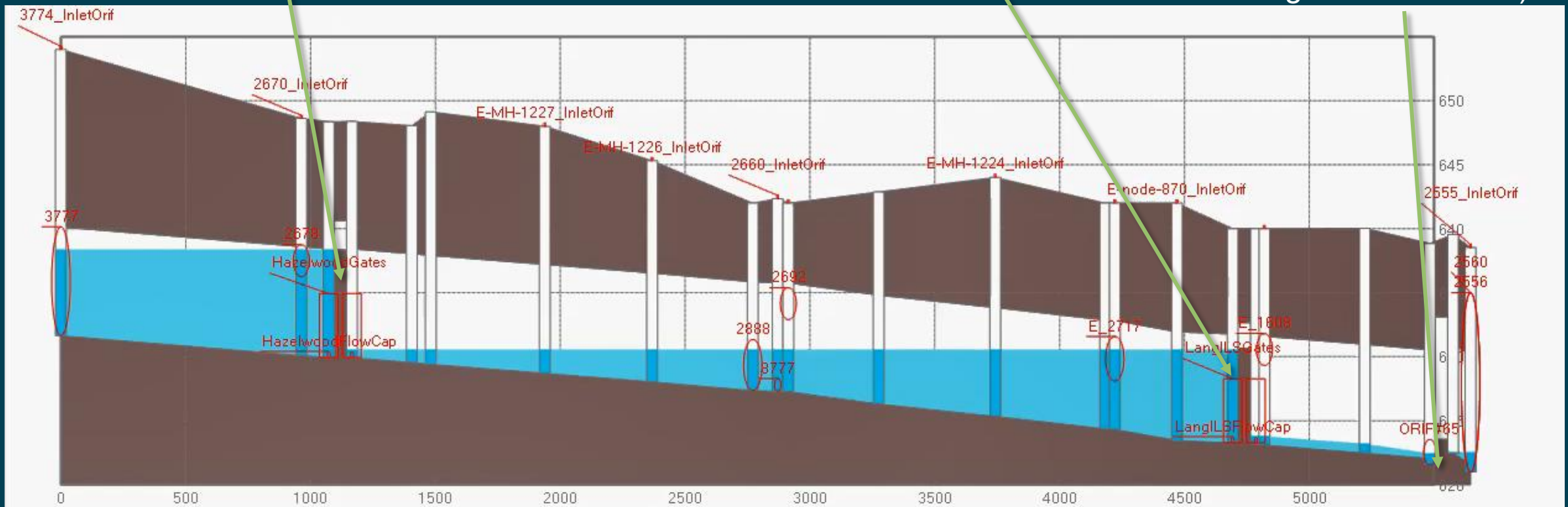


Coordinated Remote Control for In-Line Storage

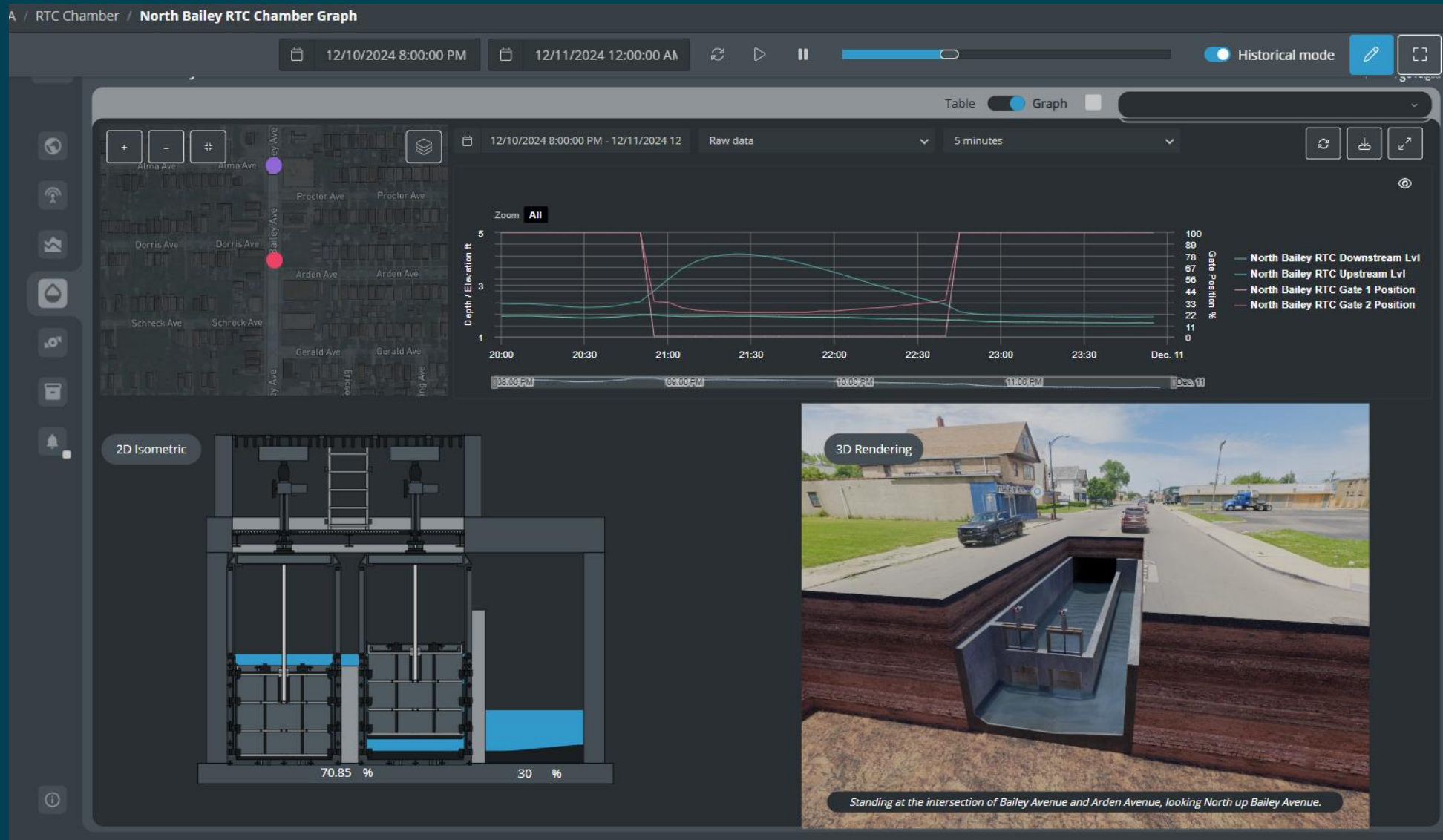
Hazelwood RTC,
commissioned in 2019

Lang Ave RTC,
commissioned in 2017

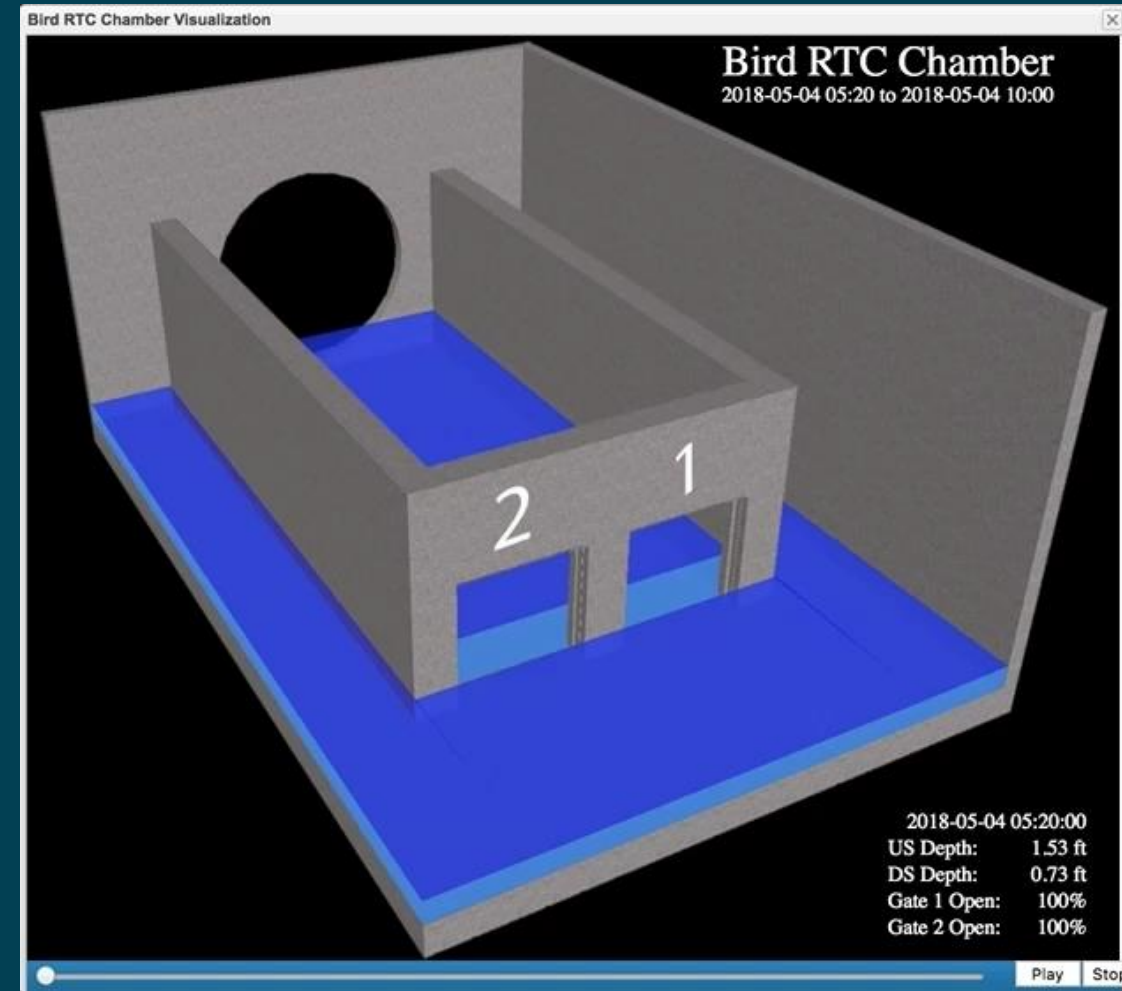
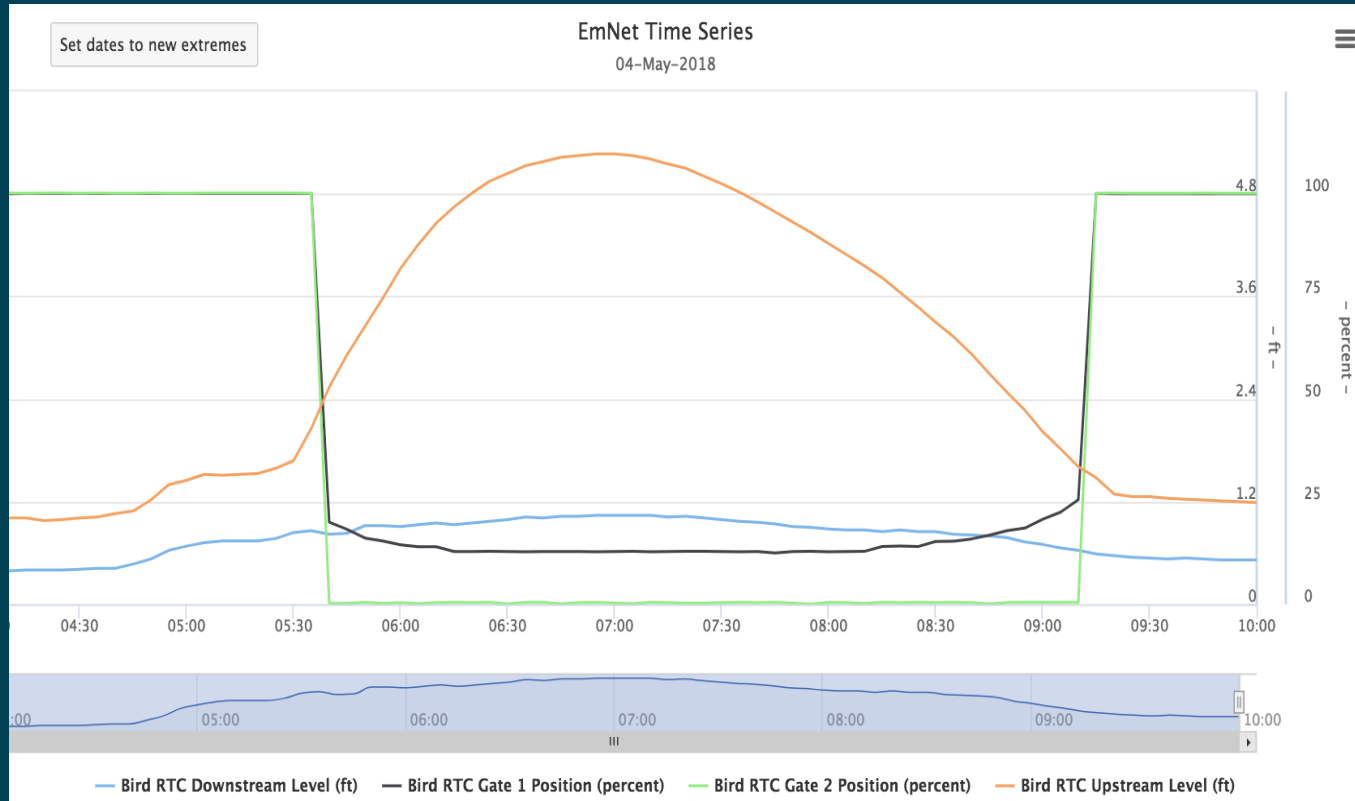
SPP340 (CSO
Regulator Chamber)



Local Control for In-Line Storage (North Bailey RTC)



Bird Avenue RTC



During wet weather, downstream sensors indicate when it is time to begin storing
Nearly every gallon stored would have contributed to a CSO activation
The gates take turns with each event – one closes entirely while the other modulates.

Community Engagement & Stakeholder Outreach

Program Management Impact:
Equity Indicators + Desired Outcomes

1
Community Ownership

2
Capacity Building

3
Healthy Communities

4
Heritage Preservation

5
Sustainable Wealth Creation

6
New and Reformed Policy for Sustainable Development

7
Growth Management and Neighborhood Development



Observation



Discovery

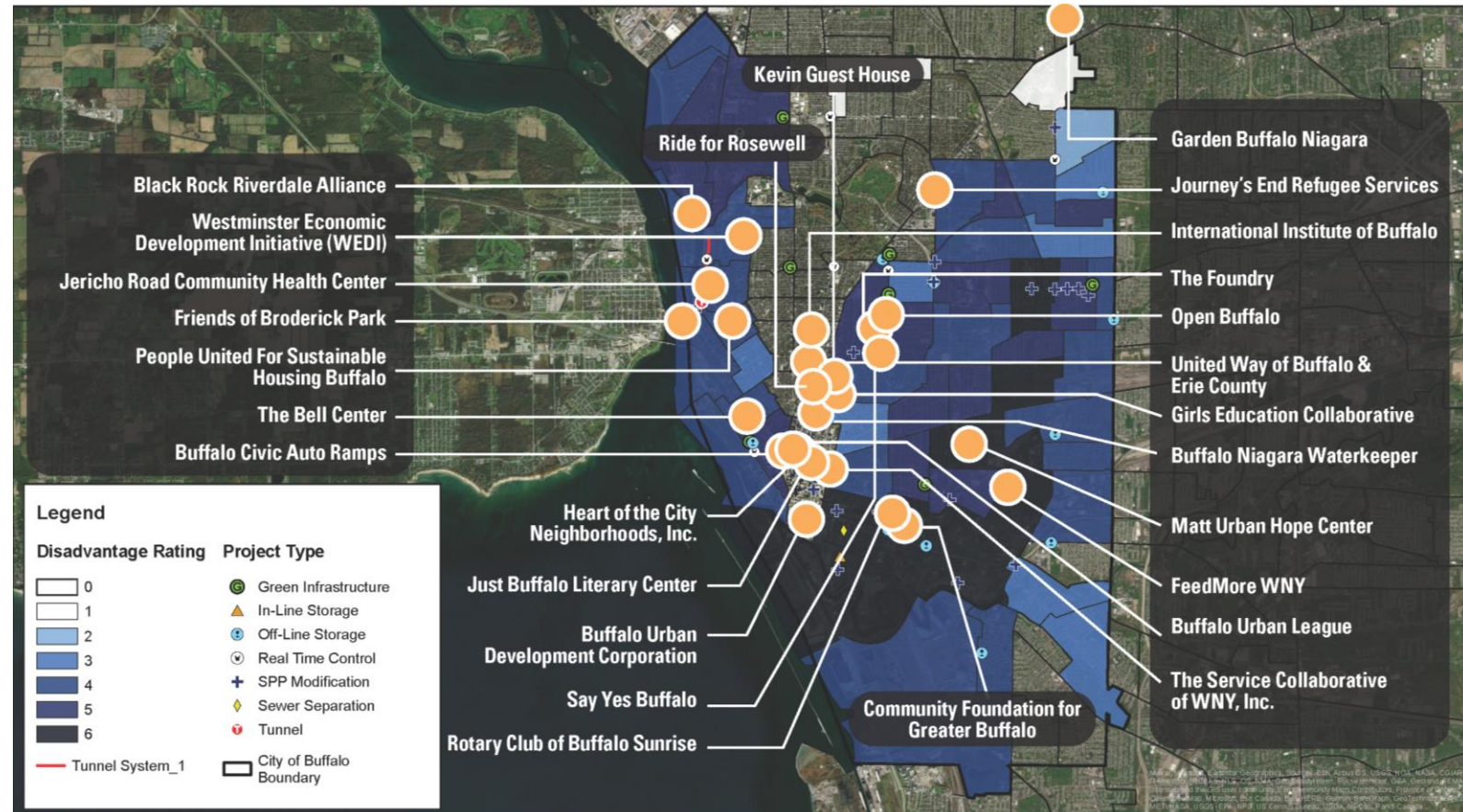


Planning and Application

Partner with Anchor Institutions to Reach the Community

Build a robust **Community Benefits Program** of community partnerships and **Stakeholder Advisory Committee** comprised of community leaders and residents

Accountability + Transparency:
Indicators, representation, how are resources distributed and made available



Stakeholder Advisory Committee (SAC)

The purpose of the Stakeholder Advisory Committee (SAC) for the Buffalo Sewer Authority's Queen City Clean Waters Initiative is to serve as a vital bridge between the project team and the diverse communities of Buffalo. The SAC ensures that community perspectives, concerns, and insights are actively incorporated into the initiative's planning, implementation, and evaluation.

Organizations & Agencies Represented:

- Northland Workforce Training Center
- PUSH Buffalo
- Buffalo Urban League
- Board of Block Clubs
- NAACP
- Jericho Road
- Local Initiatives Support Corporation (LISC)
- Buffalo Niagara Waterkeeper
- City of Buffalo Office of Strategic Planning (OSP)
- Buffalo Center for Health Equity






Buffalo Sewer wants to ensure construction and professional services contracts deliver a positive economic, environmental, and social impacts for residents.

Companies working with Buffalo Sewer are encouraged to support Buffalo nonprofits through volunteerism or financial contributions to defined community partners. The program will be included in contract terms and compliance monitoring to ensure effective participation.

COMMUNITY PARTNERSHIP PROGRAM **Coming in 2025**

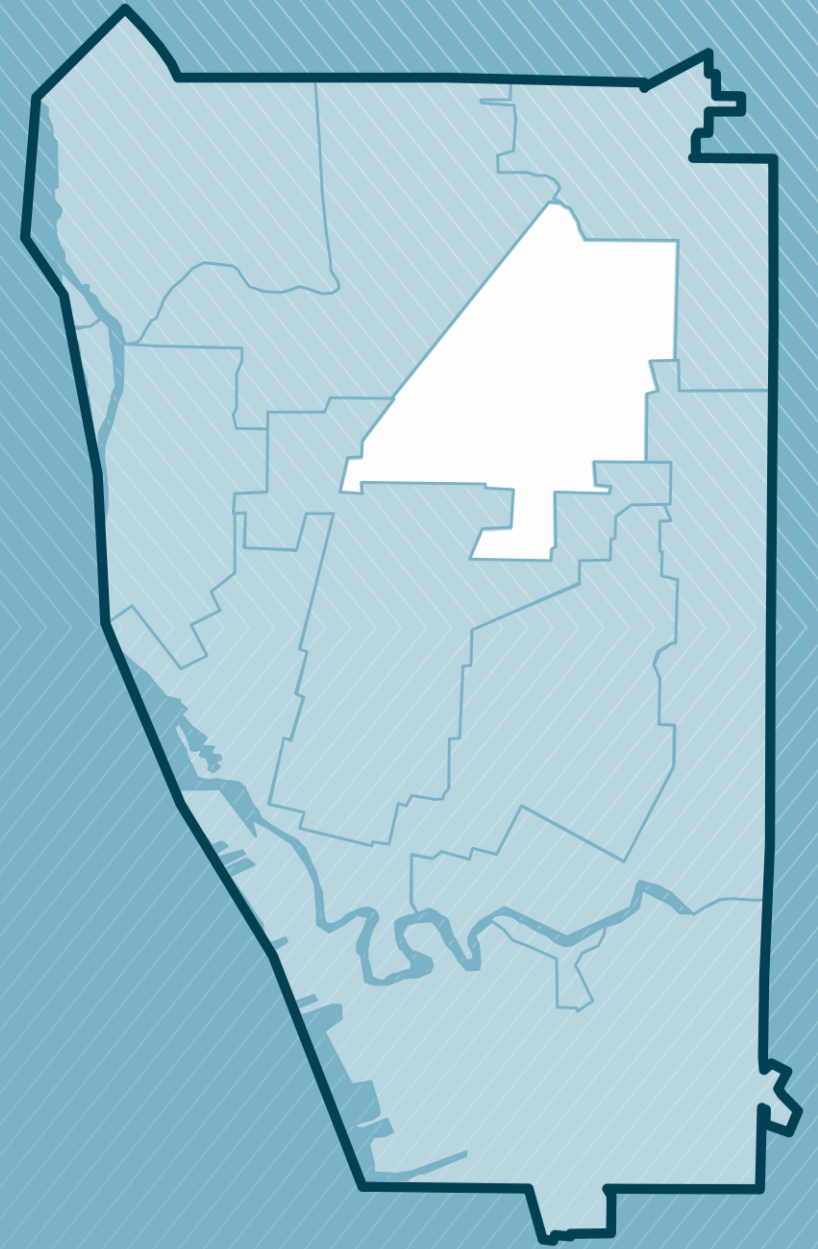
BSA's Commitment to the Inclusion of DBE/MWBE Firms

PURPOSE

- 
- Create economic opportunity for Disadvantaged/Minority/ Women – Owned Business Enterprise (D/MBE/WBE) firms, including firms who are new to working with BSA and/or the City of Buffalo
 - Promote meaningful teaming arrangements, mentorship, and partnership between established, experienced firms and new and/or smaller firms

Masten District

Specific Projects



Jefferson & E Delavan

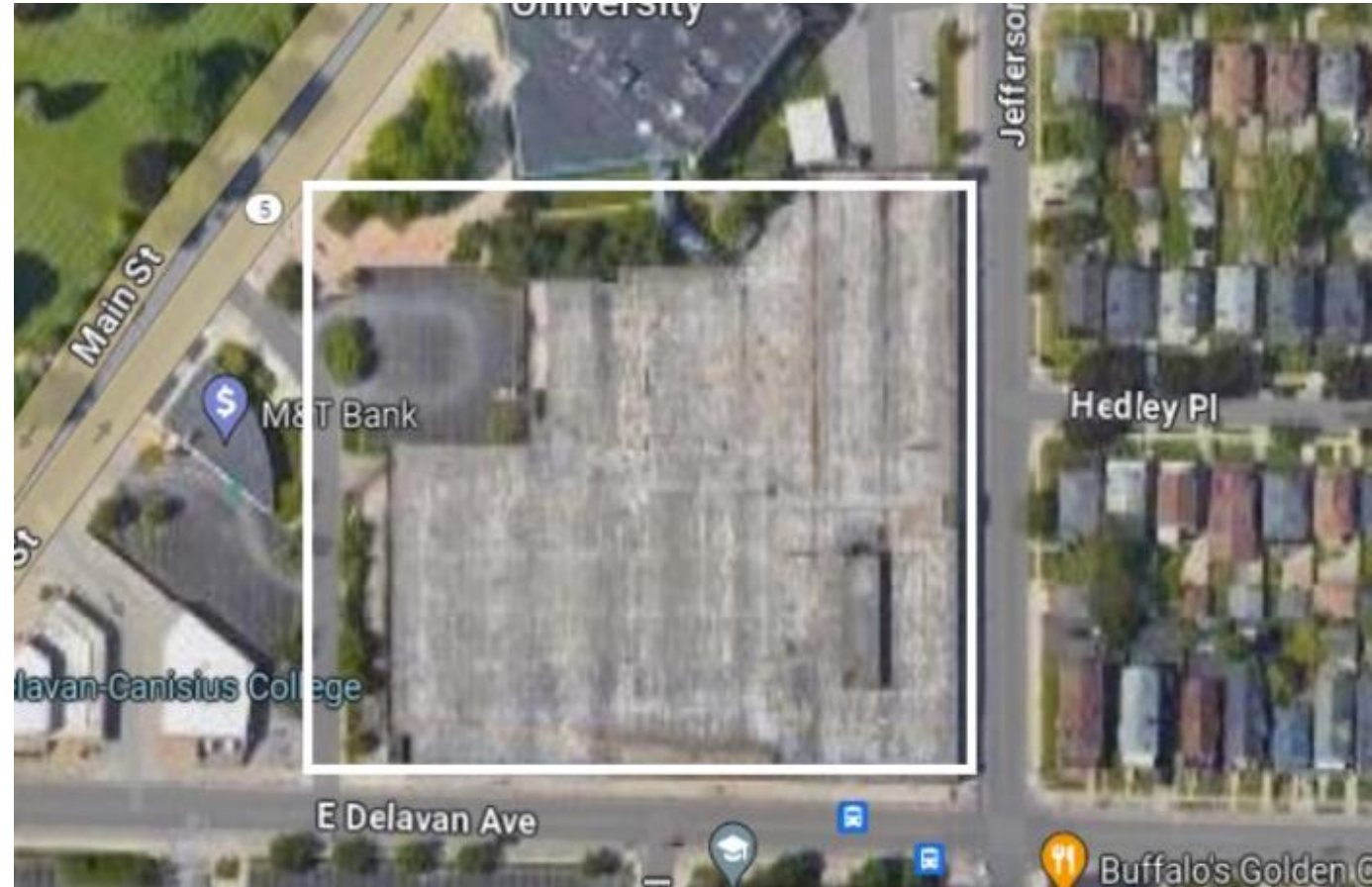
OFFLINE STORAGE (OLS)

Project Description:

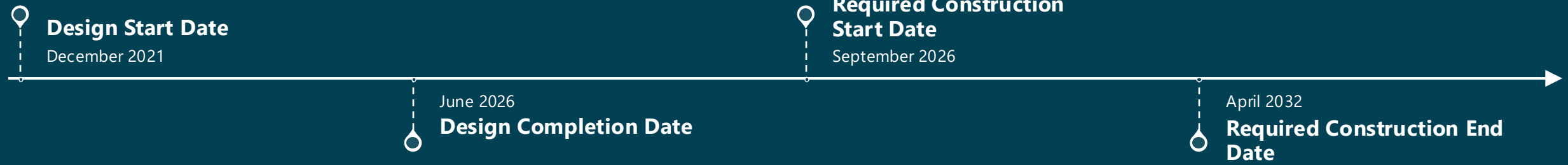
- 1.5 MG Offline Storage Tank, flows from SPP 333 rerouted to tank
- Located at an existing parking garage (set for demolition) at Jefferson Avenue and East Delavan Avenue
- Three phased project

Estimated Cost: \$105,400,000

Waterbody Impacted: Scajaquada Creek



TIMELINE ▼



Jefferson & Florida

REAL TIME CONTROL CHAMBER AT SEWER PATROL POINT (SPP 229A)

Project Description:

- Addition of a new flow prevention pipe
- Pipe will be downstream of the control gate
- The gate opens when there's capacity in the Scajaquada Tunnel or a risk of overflow

Estimated Cost: \$2,283,000

Waterbody Impacted: Scajaquada Creek

- 
- Junctions
 - ▲ Outfalls
 - Storages
 - Conduits
 - Pumps
 - Orifices
 - Weirs
 - Outlets

TIMELINE ▼



Colorado & Scajaquada

SEWER PATROL POINT (SPP 337)

Description:

- A new chamber and drop shaft connection to the Scajaquada Tunnel will be built to carry three times more flow to the tunnel
- The water barrier, or overflow weir, will also be raised
- Survey start date: February 12th, 2024

Estimated Cost: \$15,652,000

Waterbody Impacted: Scajaquada Creek



TIMELINE ▼



Humbolt & Lark

SEWER PATROL POINT (SPP 336B)

Project Description:

- Sewer Patrol Point 336B will be modified by removing the orifice plate, or flow restriction device
- Reduces combined sewer overflows

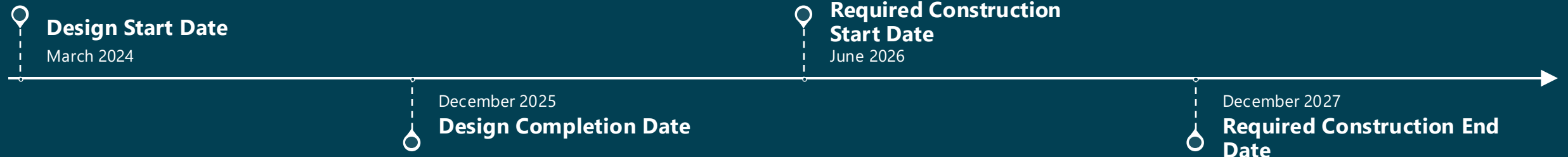
Estimated Cost: \$60,000

Waterbody Impacted: Scajaquada Creek

- Junctions
- ▲ Outfalls
- Storages
- Conduits
- Pumps
- Orifices
- Weirs
- Outlets



TIMELINE ▼



Sidney & Lark

OFFLINE STORAGE (OLS)/ REAL TIME CONTROL (RTC)

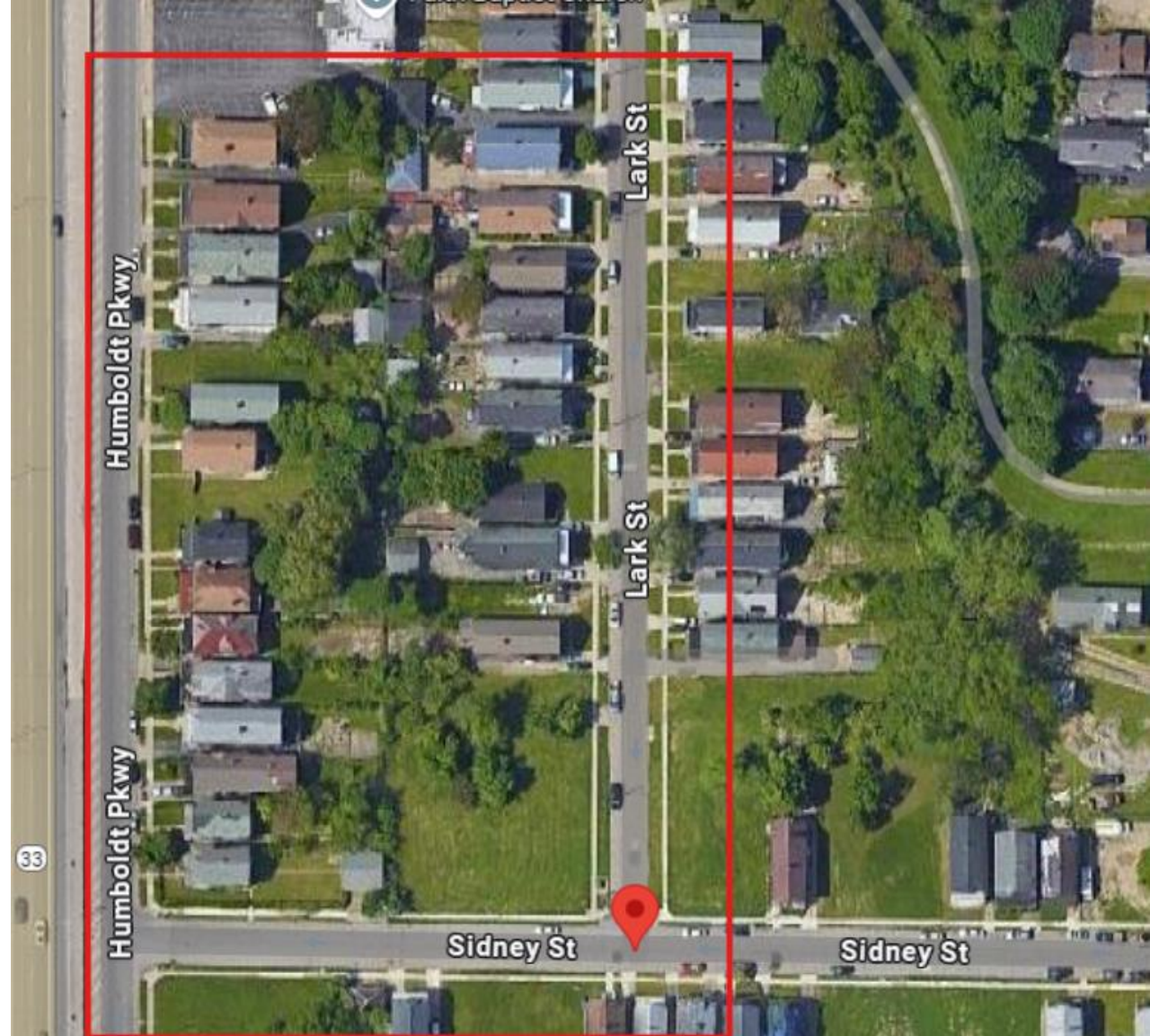
Project Description:

- Corner of Sidney Street and Lark Street
- Dewater overflows via gravity to the Scajaquada Tunnel Interceptor
- Survey start date: February 12th, 2024

Estimated Cost: 44,620,000 (OLS) / 17,300,000 (RTC)

Waterbody Impacted: Scajaquada Creek

TIMELINE ▼



Opportunities to Stay Engaged

New! Queen City Clean Waters Interactive Website

[BUFFALOQCCW.ORG](https://buffaloqccw.org)

Join Our Virtual Community!

Join the Queen City Clean Waters Interactive Website! Explore, learn, and take action to protect our local waterways. Get involved today and make a difference!

About The Initiative

The Queen City Clean Waters Initiative will reduce overflows from the City's sewers by helping flow reach the Bird Island Wastewater Treatment Facility during wet weather, instead of entering Buffalo's creeks and river. Implementing this initiative, which includes 50+ sites in total, will cost approximately \$1B over the next 15 years including \$250M in treatment facility upgrades.

+ Vision

+ Mission

Take Our Survey

Your feedback will help shape cleaner, resilient, and equitable solutions for Buffalo!

Start Now >

We need your input!

What do you think would work best to improve our Storm Water System? (Green Infrastructure, Community Initiatives, Placemaking, etc).

Share Now >

Join Our Social Map

Discover, learn, and comment on sewer improvement projects in your neighborhood

Join Now >

FAQs

+ Why is Buffalo Sewer doing these projects?

Are there any community meetings or updates planned to keep the residents informed about the progress of the construction?

+ What can I expect during construction?

How will construction affect traffic in the area?

+ How will the construction impact local businesses and services?

Will there be changes to parking or public transportation during construction?

+ How is this project being funded?

What can I expect during construction?

QUEEN CITY CLEAN WATERS

Sewer Patrol Point (SPP 341A)
(Kerns & Genesee)

Construction Timeline: June 2026 - December 2027

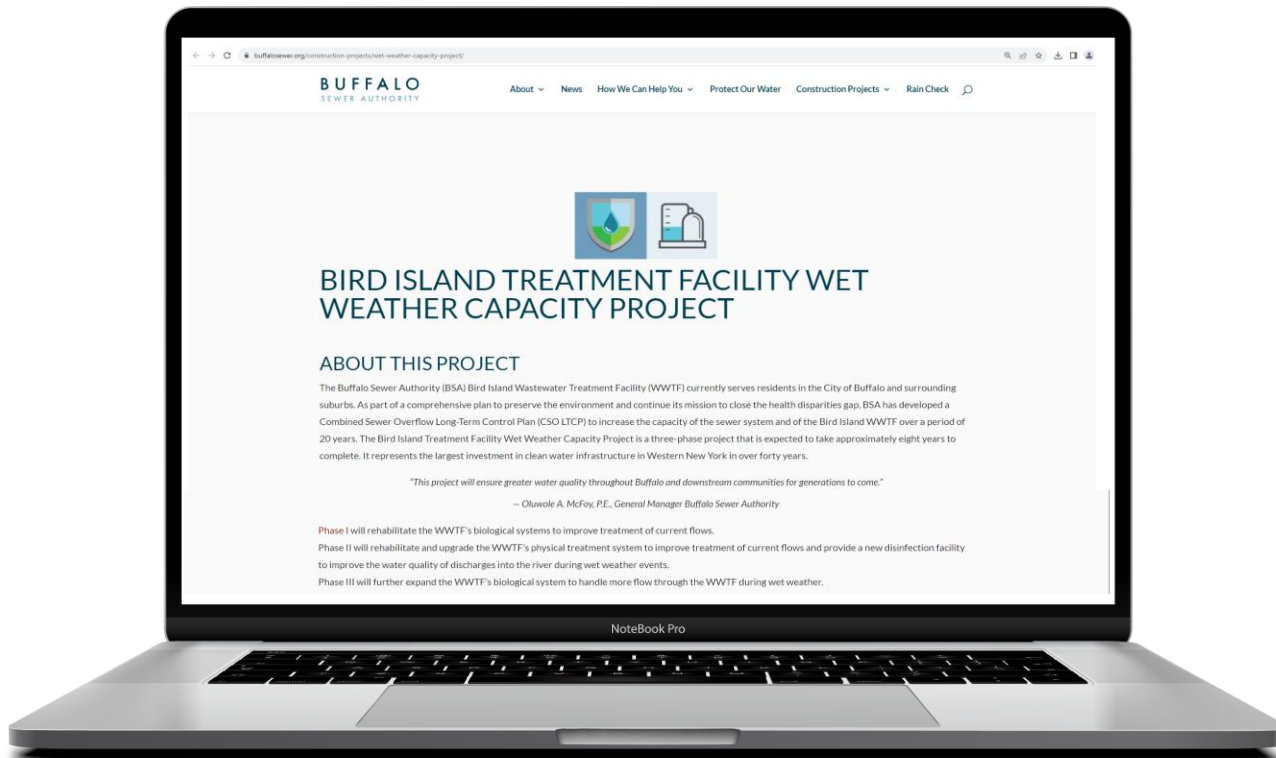
Description:

-A new chamber and drop shaft connection to the Scajaquada Tunnel will be built

[Read more >](#)

SPP Modification

Buffalo Sewer Authority Website



buffalosewer.org

Your BEST source of information!

- ✓ Consultant, Contractor, and Supplier Opportunities
- ✓ Construction Updates
- ✓ FAQs
- ✓ Board Meeting Minutes
- ✓ Public Participation Plans

Thank you!

GET IN TOUCH:



@BuffaloSewer



BuffaloSewer.org



@BuffaloSewer



BuffaloSewerAuthority