STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



GENERAL PERMIT for SEWER EXTENSION CONSTRUCTION

The Missouri Department of Natu	ural Resources hereby issues a permit to:
Construction Permit ID: Title of Project: Owner: Address:	MOGC00876 Branson Canyon Phase 4 Branson Canyon Development, LLC 9250 NW 145th Avenue Rd Morriston, FL 32668
	eral site work appropriate to the scope and purpose of the project and will include all the necessary e and usable collection system. The construction of this project will be in the vicinity of the county g Permit ID below:
County: Taney	Receiving Permit ID: MO0116041
for the construction of (described	construction project):
3-inch SDR-21 PVC force mai	astruction of a low pressure sewer system extension with approximately 400 lf of an and 366 lf of 2-inch SDR-21 PVC force main with air-vacuum release valves to serve sign average flow of 9,750 gpd. Each home is to have a duplex grinder pump station, uthority.
existing 4-inch pressure sewer Water Company Project Engine	Hwy P and Canyon Crossing in Hollister, Taney County and discharges to an to be treated at Hollister WWTF, MO-0116041. Matt Jaspering, Missouri American eer, provided a continuing authority acceptance letter dated March 12, 2025. Kelly as Director, provided a WWTF acceptance form dated March 25, 2025.
RSMo, and regulation promulgat As the Department does not exan permit does not include approval	cilities shall be in accordance with the provisions of the Missouri Clean Water Law, Chapter 644, ed thereunder, or this permit may be revoked by the Department of Natural Resources (Department) nine structural features of design or the efficiency of mechanical equipment, the issuance of this of these features. Instruction of water pollution control components; it does not apply to other environmentally
May 23, 2025 Issue Date	John Hoke, Director Water Protection Program

May 22, 2027 Expiration Date

APPLICABILITY

- 1. This permit authorizes the construction of gravity sewer extensions, force mains, and lift stations. Non-earthen flow equalization storage basins at lift stations and inline storage, which flows back into the lift station or collection system, are also included.
- 2. The Missouri Department of Natural Resources may require a site-specific sewer extension construction permit due to compliance and enforcement actions in accordance with 10 CSR 20-6.010(13)(C).
- 3. This permit does not apply to:
 - A. Earthen storage basins;
 - B. Exempt projects in accordance with 10 CSR 20-6.010(1)(B), 10 CSR 20-6.010(5)(B), and RSMo 644.051 unless requested by the applicant or required by enforcement.

PREREQUISITES:

- 1. The Sewer Extension Construction Permit application, appropriate fee, and documentation in accordance with 10 CSR 20-6.010(5)(G).
- 2. Submit the Sewer Extension Construction Permit application at least sixty (60) days in advance of the start of construction in accordance with 10 CSR 20-6.010(5)(F).
- 3. Submit an electronic copy of the construction permit application and documents to DNR.WPPEngineerSection@dnr.mo.gov in accordance with 10 CSR 20-6.010(5)(G)3.
- 4. The plans and specifications, each signed, sealed, and dated by a professional engineer registered in the State of Missouri in accordance with 10 CSR 20-8 and 10 CSR 20-6.010.
- 5. The Design Certification form, Engineering Report, or Summary of Design, signed, sealed, and dated by a professional engineer registered in the State of Missouri, certifying the design of the system is in accordance with 10 CSR 20-6 and 10 CSR 20-8.
- 6. A statement from the continuing authority, as defined in 10 CSR 20-6.010, accepting the wastewater for treatment and indicating the permitted treatment facility has the available capacity.
- 7. A statement from the continuing authority, as defined in 10 CSR 20-6.010, accepting responsibility for the operation and maintenance of these facilities.

PERMIT CONDITIONS:

- 1. This permit authorizes the activities and scope of work detailed in the plans and specifications submitted with the request.
- 2. The construction must be in accordance with the final plans and specifications received by the Department. Revisions that affect capacity, flow, or system layout must be approved by the Department prior to construction.

PERMIT CONDITIONS: (continued)

- 3. If construction will incorporate minor changes from previously submitted plans and specifications (i.e., changes that do not affect the capacity, flow, or system layout), submit an electronic copy of the as-built plans and specifications in accordance with 10 CSR 20-8.110(11).
- 4. State and Federal Law does not permit bypassing of raw wastewater; therefore, the applicant must take steps to ensure that raw wastewater does not discharge during construction. If a sanitary sewer overflow or bypass occurs, report the appropriate information to the Department's regional office per 10 CSR 20-7.015(9)(E) or through the Online Bypass/SSO Reporting service on the Missouri Gateway for Environmental Management (MoGEM) portal found at https://dnr.mo.gov/data-e-services/missouri-gateway-environmental-management-mogem.

See https://dnr.mo.gov/document-search/missouri-gateway-environmental-management-mogem-frequently-asked-questions-pub2988/pub2988 for more information.

- 5. Protection of drinking water supplies must meet the requirements of 10 CSR 20-8.120(5).
 - A. There shall be no physical connections between a public or private potable water supply system and a sewer or appurtenance that would permit the passage of any wastewater or polluted water into the potable supply.
 - B. Lay sewers at least 50 feet (50') in a horizontal direction from any existing or proposed public water supply well or other water supply sources or structures.
- 6. Position manholes so that the top access is at or above grade level.
- 7. In addition to the requirements for a construction permit, see 10 CSR 20-6.200 for land disturbance requirements to obtain a Missouri State Operating Permit to discharge stormwater. The permit requires Best Management Practices sufficient to control runoff and sedimentation to protect waters of the state. Applicants shall obtain land disturbance permits through the Department's ePermitting system, available online at <a href="https://dnr.mo.gov/data-e-services/water/electronic-permitting-ep

See https://dnr.mo.gov/water/business-industry-other-entities/permits-certification-engineering-fees/stormwater/construction-land-disturbance for more information.

8. Entities applying for funding under 10 CSR 20-4, "Grants and Loans" will need to comply with those requirements in addition to the requirements of 10 CSR 20-8.

PERMIT CONDITIONS: (continued)

9. The Department may require a United States (U.S.) Army Corps of Engineers (COE) permit (404) and a Water Quality Certification (401) or a permit waiver for the activities described in this permit. If construction activity will disturb any land below the ordinary high water mark of Jurisdictional Waters of the U.S., then a 404/401 is required. Fulfillment of these requirements is necessary before the permit is considered valid. Since the COE makes determinations on what is jurisdictional, you must contact the COE to determine permitting requirements. You may call the Department's Operating Permits Section at 573-522-4502 for more information.

See https://dnr.mo.gov/water/business-industry-other-entities/permits-certification-engineering-fees/section-401-water-quality for more information.

- 10. If this project eliminates a wastewater treatment facility under the jurisdiction of the Department, then the applicant shall submit a full closure plan with a Facility Closure Request Form, Form MO 780-2512, to the Department's appropriate regional office for review and approval. In accordance with 10 CSR 20-6.010(12), the closure plan must meet the requirements outlined in Standard Conditions Part III of the Missouri State Operating Permit. Closure shall not commence until the Department approves the submitted closure plan.
- 11. If this project is part of a project to resolve an enforcement action or is receiving funding from the Department, submit a <u>statement of work complete</u> following the completion of construction.
- 12. Applicants may submit, prior to the expiration date of this permit, a written request that additional time is needed in accordance with 10 CSR 20-6.010(5)(H)3.

MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM APPLICATION FOR CONSTRUCTION PERMIT – SEWER EXTENSION

FOR DEPARTMENT USE ONLY				
APP NO.	CP NO.			
FEE RECEIVED	CHECK NO.			
DATE RECEIVED				

			DATE RECEIVED		
NOTE ► Please Read the accompanying	instructions before completing t	his form			
1.0 APPLICATION INFORMATION (Note – If any of the questions in this section are answered NO, this application may be considered incomplete and returned.)					
1.1 Is this a Federal/State funded project?	☐ YES 🗹 N/A Funding Age	ency:	Pro	ject #:	
1.2 Has the Department of Natural Resources approved the proposed project's engineering report*? ☐ YES Date of Approval: ☐ N/A					
1.3 Is a copy of the appropriate plans* and		•	✓ YES □ NO		
If the project is using standard specifica	tions, name of community: Missou	ri American W	Vater Company		
1.4 Is a summary of design* included with the					
1.5 Is the appropriate fee or JetPay confirm See Section 7.0	ation included with this application	? ☑ YES	□NO		
* Must be affixed with a Missouri registered	professional engineer's seal, signa	ture and date			
2.0 PROJECT INFORMATION 2.1 NAME OF PROJECT					
Branson Canyon - Phase 4: Sewer Main Exte	ensions				
ADDRESS	CITY	STATE	ZIP CODE	COUNTY	
240 Foggy Bay Lane 2.2 Legal Description: NF 1/4,	Hollister 1/4, Sec. 1 ,	T 21N ,	R 22W	Taney	
2.2 Legal Description. NE /4,	/4, /4, GGC. I ,	· ZIN ,	N 22VV		
2.3 Project Components (check all that apply Gravity sewers Pumping statio		tive sewer sys	stem	escribe below.)	
proposed vacation rental homes. The proposed site is split between Section 36, Township 22 North, Range 22 West and Section 1, Township 21 North, Range 22 West, located within Taney County, Missouri. The site can be accessed by first following US 65-S south towards Hollister, MO and making consecutive right turns onto State Hwy 265 N and State Hwy P. The proposed system will connect to the Emerald Pointe Wastewater system, which is owned and operated by Missouri American Water Company (MAWC). MAWC will be responsible for the operation and maintenance of the proposed low-pressure sewer system once the system has been completed, inspected, and tested.					
2.5 DESIGN INFORMATION A. Population or number of lots to be served	d by this extension: 293				
B. Estimated flow to be contributed by this	extension: Design Average Flow:	29250 gpd	Design Peak Hourl	y Flow: 3035 gph	
C. Industrial Wastes: Type:	Flow: gpd				
D. Receiving Sewer: Size: 4 inches	s Capacity: gpm				
E. Does this project (check all that apply):					
. , , , , , , , , , , , , , , , , , , ,	Resolve enforcement issue	Eliminate or	consolidate an exis	ting treatment plant	
 ✓ Connect to an existing treatment plant ☐ Resolve enforcement issue ☐ Eliminate or consolidate an existing treatment plant F. Estimated number of onsite systems being removed: None 					
G: Estimated costs associated with piping: \$ Estimated costs associated with lift station(s): \$ 0					
3.0 PROJECT OWNER					
NAME	TELEPHONE NUMBER WITH AR	REA CODE	EMAIL ADDRESS		
Branson Canyon Development, LLC-Robyn TADDRESS	Thompson 203-910-7972	CTATE	rbynthm@aol.com	1	
9250 NW 145th Avenue Rd	Morriston	FL STATE	ZIP CODE 32668		
CHARTER NUMBER (SECRETARY OF STATE) or REGISTERED LC014356414	AGENT				

4.0 CONTINUING AUTHORITY: A continuing authority is a company, business, entity, or person(s) that will be legally responsible for ensuring compliance with the permit requirements and provide continuous stable oversight of the permitted facility or activity. The Continuing authority should be a relatively permanent entity responsible for the ongoing operation, maintenance and modernization. when needed, of the permitted facility or activity. A continuing authority is not, however, an entity or individual that is contractually hired by the permittee to sample or operate and maintain the system for a defined time period, such as a certified operator or analytical laboratory. To access the regulatory requirement regarding continuing authority, 10 CSR 20-6.010(2), please visit Clean Water Commission Chapter 6. A continuing authority's name must be listed exactly as it appears on the Missouri Secretary of State's (SoS's) webpage: Missouri Secretary of State, unless the continuing authority is an individual(s), government entity, or otherwise not required to register with the SoS. TELEPHONE NUMBER WITH AREA CODE EMAIL ADDRESS 1-866-430-0820 Missouri American Water Company ADDRESS STATE ZIP CODE CITY 727 Craig Rd MO St. Louis 63141 CHARTER NUMBER (SECRETARY OF STATE) 00001468 4.1 Has appropriate continuing authority acceptance been provided as follows: A letter from the continuing authority accepting responsibility for continued maintenance of the sewer (if the continuing authority is different than the original owner of the construction), or a properly executed "Continuing Authority and Receiving Wastewater ✓ YES □ N/A Treatment Facility Acceptance" Form 780-2584. **5.0 ENGINEER** ENGINEER NAME / COMPANY NAME TELEPHONE NUMBER WITH AREA CODE EMAIL ADDRESS Todd M. Chandler, P.E. / Great River Engineering tchandler@greatriv.com 417-886-7171 ZIP CODE 65616 186 Payne Stewart Dr, Suite 151 Branson MO **6.0 RECEIVING WASTEWATER TREATMENT FACILITY** TELEPHONE NUMBER WITH AREA CODE EMAIL ADDRESS 417-334-3330 bdaniels@hollistermo.gov Hollister Wastewater Treatment Facility MISSOURI STATE OPERATING PERMIT # COUNTY REMAINING CAPACITY (GPD) MO-0116041 Taney 1.600.000 6.1 If different from the owner, has a letter been provided from the receiving treatment facility demonstrating that they agree to accept the expanded flow or has a properly executed Continuing Authority and Receiving Wastewater Treatment Facility Acceptance YES NO NA MO 780-2584 form been provided? 6.2 A letter from the receiving wastewater treatment facility, if different than the continuing authority, is included with this application. YES □ N/A 6.3 If the receiving treatment plant or continuing authority is regulated by the Public Service Commission (PSC) for sewer activities, a Certificate of Convenience and Necessity has been received? ☐ Yes – Date: ✓ N/A **OPTIONAL QUESTIONS REGARDING MILITARY SERVICE** Have you or an immediate family member ever served in the ☐ Yes ✓ No U.S. Armed Forces? If yes, would you like information about military-related services ☐ Yes ✓ No in Missouri? 7.0 Application Fee ☐ Check Number ☐ JetPay Confirmation Number 8.0 PROJECT OWNER: I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing PROJECT OWNER SIGNATURE PRINTED NAME DATE Robyn Thompson 4/24/2025 TITLE OR CORPORATE POSITION EMAIL ADDRESS TELEPHONE NUMBER WITH AREA CODE Owner 203-910-7972 rbynthm@aol.com Mail completed copy to: Submit completed electronic copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES Missouri Department of Natural Resources WATER PROTECTION PROGRAM at DNR.WPPEngineerSection@dnr.mo.gov PO BOX 176 JEFFERSON CITY, MO 65102-0176

MO 780-1632 (10-22)

manytical laboratory. To access the regula Watter Commission Chapter 5. A continue (SoS's) webcope: Masouri Secretary of Si required to register with the SoS.	clivity. A continu e and maintain ti dony requirement	ing authority is not he system for a defi- t regarding continue	bowever, however, hed time p ng muthorit	or person(s) that will be legally responsible esight of the permitted facility or activity, operation, maintenance and modernical on entity or individual that is contractually versod, such as a certified operator or y. 10 GSR 20-6.010(2), please visit Clear appears on the Missouri Secretary of Statistics(s), government entity, or otherwise	
Sissouri American Water Company		TARREST NUMBER WITH AREA CODE 1-866-4 WILDSON		ENAL ACCIDES	
CARGUE CONTROL		Leone			
				63141	
.1 Has appropriate continuing authority as a letter from the continuing authority acceptance: San the original owner of the configuration of the continuing authority acceptance. Form 780-30 ENGINEER	struction), or a pr 2584 YES	y for continued man Sportly emounted CA INO NA	Manance continuing A	uthority and Receiving Wastewater	
odd M. Chandler, P.E. / Great River Engin	eering 417	636-7171	EA COOK	tchandler@greatriy.com	
86 Payne Simeart Dr. Suite 151	Branson		MO	5F 0008 65516	
O RECEIVING WASTEWATER TREATM	ENT FACILITY		NR.F.	65016	
Hollistic Wastewater Treatment Facility esticus stars centures refairs MO-0116041		TRIPHORE ISSUES WITH AREA (COR 417-334-3330 CORAFY Tames		two Access bidanielo@holistermo.gov reweals covery size; 1,600,000 by demonstrating that they agree to	
2.2 A letter from the receiving westewater to PYES NO DINA. 3.3 If the receiving thebnerit plant or continuently see of Consequence.	long authority is	regulated by the Pub 17 : [] Yes - Dute	construing a site Service	Commission (PSC) for sower activities, a	
OPTIONAL QUESTIONS REGARDING M	STATE OF STREET			Non-long trans-	
OPTIONAL QUESTIONS REGARDING M. Lave you or an immediate family member of U.S. Armed Forces?	her served in the	Tex		PINO	
OPTIONAL QUESTIONS REGARDING M fave you or an immediate family member of J.S. Armed Forces? I yes, would you like information about mile	her served in the	Li Yes			
OPTIONAL QUESTIONS REGARDING M. fave you or an immediate family member of J.S. Armed Forces? I yes, would you like information about mile of Missouri?	her served in the	Tex		Ø No Ø No	
OPTIONAL QUESTIONS REGARDING M. Have you or an immediate family member a U.S. Armed Forces? If yes, would you like information about mile in Missouri? 7.0 Application Fee	over served in the	769		₽2No	
OPTIONAL QUESTIONS REGARDING M. Lave you or an immediate family member of J.S. Armed Forces? If yes, would you like information about mile in Missouri? If Ø Application Fee [1] Check Number Is Ø PROJECT OWNER: Il certify under persuperation in accordance with a system despiration of the paint persuperation in accordance with a system despiration of the paint of the persuperation of the persupe	her served in the lary-related serve sity of law this do regned to assure on or persons why	200 Yes	orfirmation forwards we properly ga	Pi No Number In prepared under my direction or their and avaluate the information persons directly responsible for in. true, accumula and compared, i am of fine and apprisonment for knowing	
CONTIONAL QUESTIONS REGARDING M. Idve you or an immediate family member of J.S. Armed Forces? I yes, would you like information about mile in Missouri? I D Application Fee Co PAOJECT OWNER: Il certify under persupentation in accordance with a system de upmattern in accordance with a system de pendignation in accordance with a system de upmattern in accordance	her served in the lary-related serve alty of law this do righted to assure the persons who shrifted is, to the mitting false infor-	Jeffley Concurrence of the Commerce and all alternations on analysis of the Commerce of the Co	ordinmation forests we oroporty go or or those go and best possibility	Mumber In prepared under my direction or their and evaluate the information persons directly responsible for	
PATIONAL QUESTIONS REGARDING M. Idays you or an immediate family member of S. Armed Forces? I you would you like information about mile in Mesoport? In Application Fee Check Number In PAOJECT OWNER: If certify under persuperstation in accordance with a system de upmitted. Based on my inquiry of the pense pattering the information, the information substance there are significant penalties for substations. In a concentration of the pense personner.	her served in the lary-related serve alty of law this do righed to assure the persons who shrifted is, to the mitting false infor-	Jeffey Co current and all abac qualified personnel y o manage the system is bost of my knowled materia, including the	ordinmation forests we oroporty go or or those go and bear possibility	Mumber In prepared under my direction or their and evaluate the information persons directly responsible for et. true, accumite and complete, i am of fine and imprisonment for knowing UANI W29/2025	
PATIONAL QUESTIONS REGARDING M. Idave you or an immediate family member of S. Armed Forces? I you would you like information about mile in Mesopout? I deprivation Fee Check Number I PROJECT OWNER: Il certify under persupentation in accordance with a system de upmatted. Based on my inquiry of the pense pattering the information, the information substance there are significant penalties for substance.	her served in the larry-related serve alty of law this do regred to assure the shortest is, to the mitting false informating false information false informa	Jeffey Co. Jeffey Co. Current and all abact qualified personnel portations be system to best of my strokeod mateur, including the control of my strokeod mateurs.	orfirmation foreirfs we supportly go support best possibility cook	Mumber In prepared under my direction or their and evaluate the information persons directly responsible for et, true, accumin and complete, i am of fine and imprisonment for knowing	

9.0 SEWER EXTENSION CHECKLIST								
		ESIGN CERTIFICATION: Answer all questions yes or N/A. Answer N/A only if the question is of the proposed sewer extension.	clearly	not				
	REGULATION		YES	N/A				
1.	8.110(3)(A)	Is the design flow based on actual flow data for an existing system?		V				
2.	8.110(3)(B)	Are average design flows, peak hourly flows and I&I contributions for new systems calculated?						
3.	8.110(9)(B)	Is there a detailed plan showing tributary area, boundaries, pertinent elevations, topography, existing and proposed facilities?	V					
4.	8.120(2)	Does the sewer exclude water from roofs, streets, groundwater from foundation drains and combined wastewater?	V					
5.	8.120(3)(A)	Is the pipe installation, embedment and backfill designed to prevent damage to the pipe and its joints?	V					
6.	8.120(3) (A)1	Is all sewer pipe constructed with a slope to obtain mean velocities of not less than 2 feet per second?	V					
7.	8.120(3)(A)2	Is the pipe covered with at least 36" of soil or sufficiently insulated to prevent freezing?	V					
8.	8.120(3)(B)	Is deflection testing specified to ensure no pipe exceeds a deflection of 5% of the inside diameter?	~					
9.	8.120(4)(A)	Are manholes located at the end of each line, at all changes in grade, size or alignment and at all intersections?		V				
10.	8.120(4)(C)	Are manholes at least 42 inches in diameter with a clear opening of 22 inches on sewer line larger than 8"?		V				
11.	8.120(4)(C)	Where cleanouts are used at the end of a lateral instead of a manhole, they are a minimum diameter of 8 inches or larger and equal to the diameter for pipes < 8"?	V					
12.	8.120(4)(E)	Are the manholes watertight, constructed and installed in accordance with the		~				
13.	8.120(4)(F)	manufacturer's recommendations and procedures? Do the specifications include a requirement for inspection and testing for manholes?		<u></u>				
14.	8.120(5)(A)	Is the sewer free from physical connections to a potable water supply system and no water pipes come in contact with a sewer manhole?	~					
15.	8.120(5)(B)	Are sewers and manholes located at least 50 feet horizontally from any existing or proposed water supply well, sources, structures?	~					
10.0 P	RESSURE SEWE	RS, GRINDER PUMP, STEP AND STEG SEWER CHECKLIST	•					
	REGULATION		YES	N/A				
16.	8.125(5)(A)1.	Does the cleaning velocity of ≥ 2 ft/s happen more than once per day?	~					
17.	8.125(5)(A)2.	Is the diameter of the pressure sewer main pipe at least 1.5"?	V					
18.	8.125(5)(B)	Are appurtenances compatible with the piping system?	V					
19.	8.125(5)(B)2.	Are isolation valves located: upstream of major pipe intersections; both sides of stream, bridge and RR crossings; at terminal end of system?	~					
20.	8.125(5)(C)	Do service line pipes have a minimum diameter of 1.25"?	~					
21.	8.125(5)(D)1.A	Do simplex grinder pump stations service only a single equivalent dwelling unit (EDU)? i.e. 1 residence – 1 grinder pumpt.	V					
22.	8.125(5)(D)1.B	Are multiple unit pump stations owned, operated and maintained by an approved continuing authority?		V				
23.	8.125(5)(D)3.	Is there at least 70 gallons of storage in the grinder pump unit?	V					
24.	8.125(5)(D)4.	Do grinder pump stations have shutoff valves, check valves and anti-siphon valves (where siphoning could occur) that are accessible from the ground surface?	V					
25.	8.125(5)(D)7., 8.130(3)(B)2.	Are units serviceable and replaceable under wet conditions without electrical hazard and is electrical equipment suitable for hazardous locations (National Electrical Code, Class I, Group D, Division 1 location)?	V					
26.	8.125(5)(D)8., 8.125(2)(F)6.	Are provisions in place to avoid interruption of service due to mechanical or power failure by providing standby power, storage capacity, or interconnection with another disposal system?	V					
27.	8.125(6)(D)	In a STEP system is at least one septic tank (1,000 gallons or more) provided for each EDU with 20% of tank volume dedicatied to freeboard and ventillation?		~				
28.	8.125(6)(F)	Are duplex pumps provided for the design flow of 1,500 gallons or greater?	V					

MO 780-1632 (10-22)

11.0 PUMP STATION CHECKLIST							
	REGULATION					YES	N/A
29.	8.125(7)(C)	Is the minimum diameter sewer main pipe and service line of STEG sewer at least 4"?				~	
30.	8.130(2)(A) 8.140(2)(B)	Is the pump statio	n designed to withstan	d the 100-year flood?			V
31.	8.130(3)(A)	Is the dry well con access provided to		the wet well and is a si	uitable and safe means of		V
32.	8.130(3)(B)	If the design flow is 1,500 gpd or more, are there at least 2 pumps or pneumatic ejectors provided?				V	
33	8.130(3)(D)	Are valves located outside wet well unless integral to a pump or its housing?				~	
34.	8.130(3)(F) 8.140(8)(J)	Do wet and dry wells have separate ventilation systems?				V	
35.	8.130(3)(G)	Does all potable w	vater brought to pump s	stations comply with 8.	140(7)(D)?		V
36.	8.130(6)	Is an alarm syster	n provided with uninter	rupted power?			V
37.	8.130(7)(A)		etention of the peak houeak hourly flow for a de		ow > 100,000 gpd or 4 hrs		~
38.	8.130(7)(B)	Are there indepen		provided for emergend	cy power capable of starting		V
39.	8.130(8)(A)		elocity of ≥ 2 ft/s main				V
40.	8.130	Are there complete operation instructions for the pumpting stations provided that include emergency procedures, maintenance schedules, special tools and spare parts that may be					~
12.0 S	UCTION LIFT PU	necessary? MP AND SUBMER	SIBLE PUMP STATIO	N CHECKLIST			
	REGULATION					YES	N/A
41.	8.130(4)	Are the suction lift	pumps of the self prim	ning or vacuum priming	type?		V
42.	8.130(4)(A)	Is the combined total of dynamic suction lift at the "pump off" elevation and required net positive suction head at design operating conditions less than or equal to 22 feet?				V	
43.	8.130(4)(B)	Are there dual vac	cuum pumps capable o	f removing air from the	suction lift pump?		V
44.	8.130(5)(A)				nout personnel entering, or	Н	
		disconnecting any	pipe in the wet well?	•			~
			CERTIFICATION STAT				
For an engine		ered "N/A" provide a	an explanation. Also pro	ovide any useful gener	al comments regarding design	n for rev	iew
Section 9.0 - 8.110(3)(A) was answered "N/A" because the design flow is not based on actual flow data for an existing system 8.110(3)(B) was answered "N/A" because I&I contributions were not included in any design calculations 8.110(4)(A), 8.110(4)(C), 8.110(4)(E), 8.110(4)(F) were answered "N/A" because no manholes are being proposed							
Section 10.0 - 8.125(5)(D)1.B was answered "N/A" because there are no multiple unit pump stations proposed for this project							
All item	s in Sections 11.0	and 12.0 were ans	wered "N/A" because t	bri€te norre⇒vant to	the scope of this project		
		aa . <u>=</u>		E OF MISSO	and doops or and project		
			DEST.	TO THE PROPERTY OF THE PROPERT			
				TODD MICHAEL ★	Ř		
Missa	Duofoosianal En	- winners and risks	tura and data	CHANDLER	<u> </u>		
IVIISSO	uri Professional Er	ngineer's seal, signa	ature and date:	NUMBER PE-2012000736			
			#SI				
			A	SIONAL ENGLIS	4/04/0005		
4/24/2025							
Name: Todd Chandler							
Address: 186 Payne Stewart Dr, Ste 151							
City: B	Branson		State: MO		ZIP Code: 65616		
ı eleph	Telephone Number with Area Code: 417-886-7171 Email:tchandler@greatriv.com						