Inspection Report: City of Nashville WWTP, AFIN: 31-00036, Permit #: AR0021776

ADEQ		WATER DIVISION INSPECTION REPORT						
		AFIN: 31-00036 PERMIT #: AR0021776			1	DATE: 6/11/2017		
Δ	R K A N S A S	CC	OUNTY: 31 Howa	rd	PDS a	#: 097 8	373	MEDIA: WN
Dep	partment of Environmental Quality	GP	S LAT: 33.91988	1 LONG: -93.8612	2 40 L	OCAT	ION: EI	ntrance
	FACILITY INFORMAT	ION					NFORM	MATION
NAME: City of Nashville WWTP			FACILITY TYPE: 1 - Municipal	1 - Municipal 26294 S - State				
743	3 Hwy 27 South			FACILITY EVALUATION RATING: 3 - Satisfactory SSO/Collection System				
CITY: Na	shville			DATE(S): ENTRY TIME: EXIT TIME: PERMIT EFFECTIVE DATE:				
	RESPONSIBLE OFFIC		_	5/11/2017 09	:30	15:	15	7/1/2014 PERMIT EXPIRATION DATE:
	: / TITLE							6/30/2019
Lai COMF	rry Dunaway / Public Works Dire	ctor	ſ	FAYETTEVILLE SHALE RELATED: N				
Cit	y of Nashville			FAYETTEVILLE				
	ng address: 6 North Main							
CITY,	STATE, ZIP:			NAME/TITLE/PHONE/FAX/EMAIL				
	shville AR 71852			Chip Colston, W	W Ch	ief Op	erator	/870-200-5044 c.
)-845-4015 /				Chip Colston, WW Chief Operator/870-200-5044 c. Greg Strawn / WW Superintendent / 870-845-7400			
	_ unaway@nashar.org							
	NTACTED DURING INSPECTION:	Yes	5	-				
				LUATIONS				
S	ess PERMIT	atisfac N	tory, M=Marginal, U=Unsat FLOW MEASUF	isfactory, N=Not Applicable/E REMENT	Evaluated		RMWA	TER
S	RECORDS/REPORTS	N	LABORATORY		N			ITE REVIEW
S	OPERATION & MAINTENANCE	Ν		CEIVING WATER	Ν			ITORING PROGRAM
Ν	SAMPLING	Ν	SLUDGE HAND	LING/DISPOSAL	Ν	PRE	TREAT	MENT
Ν	OTHER:		SUMMARY	OF FINDINGS				
No	violations noted during the inspe	ectio						
				COMMENTS				
	e City of Nashville completed a co							
	30 LF of 12" sewer main by pipe b		-		-			•
	re replaced or repaired. One hund s. The total cost of this project wa				i Qua		ier and	vor new rings and
					Esta	tes liff	statio	n was totally
The four visited lift stations were kept in very good shape. The Deerwood Estates lift station was totally renovated approximately one year ago. At this time it did not have a fence around it as there was very little								
traffic. The Hospital lift station did have an accumulation of grease covering the water but the city stated this								
was always the case and they knew to look for it. Once it was determined the grease was going to cause								
problems the Hospital would be notified and the grease would be pumped out. It was discussed the efficiency								
of the Hospital's grease trap be looked into.								
Ref Sith								
INSPECTOR'S SIGNATURE: Red Smith							DATE: 6/26/2017	
am Relle								
SUPERVISOR'S SIGNATURE: Jason Bolenbaugh				DATE: 7/3/2017				

COLLECTION SYSTEM INSPECTION AND OVERALL RATING				
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Gravity and forced main system that has 16 lift				
stations throughout the municipality.				
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <5000 with 353				
commercial connections and 1526 residential connections.				
FEET OF SEWER SYSTEM: Approximately 200,000 feet				
AGE OF SYSTEM: Approximately 90 years for the oldest.				
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER				
(EXPLAIN): I and I during wet weather conditions. IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):				
24 hr online report submitted along with monthly tabular report submitted with DMR.				
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:				
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH):				
	·			
PUMP STATIONS	ØS OM OU ONA ONE			
NUMBER OF PUMP STATIONS IN SYSTEM: 16 NUMBER WITH BACKUP PO	WER: <u>16</u>			
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: at least 3X per week and some daily.				
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>Yes</u>				
ADEQUATE INVENTORY OF SPARE PARTS: <u>Yes</u>				
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): auto dialer at main lift station.				
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Institute emergency backup power sources.				
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 4				
SATELLITE SYSTEMS	□S □M □U ØNA □NE			
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS:				
TYPE(S) OF WASTE WATER RECEIVED: DRESIDENTIAL COMMERCIAL DINDUSTRIAL OTHER:				
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:				
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:				
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:				

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)				
GENERAL INFORMATION AND OVERALL EVALUATION	ØS 🗆 M 🗆 U 🗆 NA			
NAME AND/OR LOCATION OF PUMP STATION: <u>Toland Heights Subdivision (933.911319</u> -93.869862) Located Hwy 27 South 1/4 mile south of Hwy 27 & Industrial Boulevard.				
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL	TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL ØCOMMERCIAL ØINDUSTRIAL OTHER:			
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	⊠S ⊡M ⊡U ⊡NA ⊡NE			
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡Y ØN ⊡NA ⊡NE		
GENERAL OPERATION AND MAINTENANCE		⊠S ⊡M ⊡U ⊡NA		
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS OM OU ONA ONE		
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	ØS OM OU ONA ONE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM OU ONA ONE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.) :	□S □M □U ØNA □NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	NDENSATION AND/OR	ØS OM OU ONA ONE		
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM OU ONA ONE		
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	⊡S ⊡M ⊡U ⊠NA ⊡NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	ØS OM OU ONA ONE		
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	⊠S ⊡M ⊡U ⊡NA ⊡NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):		⊡Y ⊡N ⊠NA □NE		

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)				
GENERAL INFORMATION AND OVERALL EVALUATION	ØS 🗆 M 🗆 U 🗆 NA			
NAME AND/OR LOCATION OF PUMP STATION: <u>Deerwood Estates (33.965754 -93.837756)</u> Located at the end of Northum Street off Deerwood Lane				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL ØCOMMERCIAL INDUSTRIAL OTHER:			
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS OM OU ONA ONE		
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡Y ØN ⊡NA ⊡NE		
GENERAL OPERATION AND MAINTENANCE		ØS OM OU ONA		
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS □M □U □NA □NE		
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	ØS OM OU ONA ONE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM OU ONA ONE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.) :	□S □M □U ØNA □NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	ØS OM OU ONA ONE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM OU ONA ONE		
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	□S □M □U ØNA □NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	ØS OM OU ONA ONE			
BACKUP POWER AND ALARMS		ØS 🗆 🖓 🗆 U 🗆 NA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	ØS OM OU ONA ONE			
SCADA SYSTEM (LIST PARAMETERS MONITORED):	⊡Y ⊡N ⊠NA ⊡NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)				
GENERAL INFORMATION AND OVERALL EVALUATION		ØS OM OU ONA		
NAME AND/OR LOCATION OF PUMP STATION: The Park (33.945252 -93.866345) Located in the south side of the Nashville City Park.				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL		AL DOTHER:		
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	ØS OM OU ONA ONE			
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊠Y ⊡N ⊡NA ⊡NE		
GENERAL OPERATION AND MAINTENANCE		ØS OM OU ONA		
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS OM OU ONA ONE		
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS OM OU ONA ONE		
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:		ØS OM OU ONA ONE		
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :	JIPMENT (BELTS, PULLEYS,	□S □M □U ØNA □NE		
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COI GASES AND FUMES:	NDENSATION AND/OR	ØS OM OU ONA ONE		
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM OU ONA ONE		
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	□S □M □U ØNA □NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	ØS OM OU ONA ONE			
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):		□Y □N ☑NA □NE		

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)			
GENERAL INFORMATION AND OVERALL EVALUATION	ØS OM OU ONA		
NAME AND/OR LOCATION OF PUMP STATION: <u>The Hospital (33.952068 -93.878404)</u> Located at the junction of Hwy 371 and Honeycutt Road			
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL	AL DOTHER:		
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: 2		
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS OM OU ONA ONE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊠Y ⊡N ⊡NA ⊡NE	
GENERAL OPERATION AND MAINTENANCE		ØS OM OU ONA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS OM OU ONA ONE	
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS □M □U □NA □NE	
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:		ØS □M □U □NA □NE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE		
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :	JIPMENT (BELTS, PULLEYS,	□S □M □U ØNA □NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	ØS OM OU ONA ONE	
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM OU ONA ONE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	□S □M □U ØNA □NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	ØS OM OU ONA ONE		
BACKUP POWER AND ALARMS		ØS 🗆 M 🗇 U 🗆 NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):	⊡Y ⊡N ⊠NA ⊡NE		





