



CITY OF VALDOSTA, GEORGIA
UTILITIES DEPARTMENT

BRADLEY L. EYRE
DIRECTOR OF UTILITIES

July 10th, 2023

Edwina Basilio
Environmental Compliance Specialist I
Georgia Environmental Protection Division
2 MLK, Jr. Dr. S.W., Suite 1152
Atlanta, GA 30334

Subject: Notice of Sanitary Sewer Spill – 1700 Block of River St upstream of San MH W0542

Ms. Basilio,

On Thursday late afternoon, July 6th, 2023, city staff observed a wastewater overflow near the 1800 block of East Park Avenue at the site of a previous sewer spill occurring on Feb 23rd after notification from the utility contractor working on emergency repairs of the sewer trunk line. Initially on Thursday the 6th, the spill was an overflow contained near the spill MH M0222. Upon further investigation Friday July 7, it was determined that the contractor's bypass pumping operation installations were now non-operational and in conjunction with possible sediment blockages, began causing a spill. City staff and the local utility contractor continue to work around the clock to adjust and remove blockages to stop and prevent the spilling and make repairs to the collapsed sewer main. July 9th (midnight) when the release of sewage ceased, an estimated 194,251 gallons of wastewater was released into the wetland watershed area of Knights Creek. City staff immediately began cleanup and disinfecting at the overflow location. All appropriate regulatory and public health agencies have been notified, and warning signs have been posted.

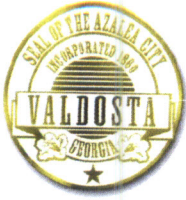
Water quality sampling will be conducted above and below the spill location as required, signs posted and a press release issued immediately.

If you have any questions or require further information, please contact me at 229-259-3592 or beryre@valdostacity.com

Thank you,

Bradley Eyre,
Director of Utilities
cc: file





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July 09, 2023

Knights Creek Sanitary Sewer Trunk Line – Contractor Bypass Failure/Spill

Update and Status

- July 06, 2023 RPI Contractor began having issues with bypass pump operation – contractors backup pump put in operation. MH M0222 began overflowing back in easement area near original spill location when 1st main collapse occurred in contained area near the MH.
- July 07, 2023 Contractors replacement bypass pump determined to not be fully functional or moving sufficient flow through the bypass to the discharge MH downstream in early AM. By 10:00 AM on July 07, both contractor bypass pumps were no longer operational and were down until pump repair tech arrived at 3:30 PM and re-established bypass pumping by 5:30 PM July 07. MH M0222 overflowing at 14 min. intervals for 4-6 min. in wetland area. Record photos of MH spill discharges were captured and GIS and other Utility Dept staff recorded affected area and continued monitoring. Mud Creek Plant personnel began reporting influent plant flow to assist in monitoring bypass pumping operation flows.
- July 08, 2023 Utilities Staff and RPI Contractor Staff continue to monitor bypass pump operation and spill MH status – the bypass operation continues to work to catchup with surcharged sewer system volumes and reduce sewer levels in low lying MHs in the Knights Creek Easement area. MH M0222 continues to overflow in the wetland area at regular intervals but gradually reducing amounts through the day and overnight.
- July 09, 2023 Spill MH M0222 levels finally reducing noticeably and other low lying MHs in the easement area. Bypass pump MH levels also dropping by approximately 4.5’-5.0’ overnight. Utilities Staff and RPI Contractor staff continue to monitor bypass operation and Spill MH throughout the day. After verifying that spill has ceased at end of the day and overnight, notification will be prepared to notify GA EPD and issue appropriate press release and continue all spill protocol requirements.
- July 10, 2023 No additional sewerage spill observed and sampling protocols underway early in the day. Cleanup efforts and data being prepared for a spill amount calculation to be provided to GA EPD morning of July 11 and press release.





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Photos





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Photos





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Photos





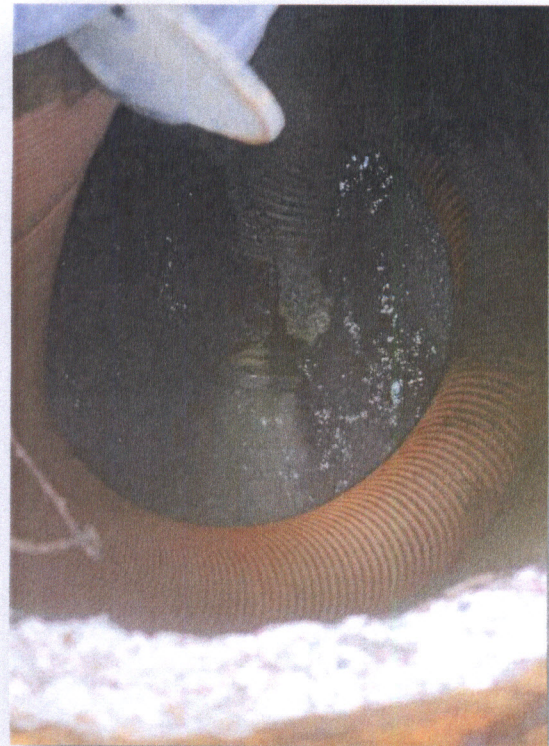
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Photos



SSO Volume Estimation Worksheet

City of Valdosta, GA

(City or Agency Name)

Knights Creek 16" Sanitary Sewer Trunk Main - San MH M0222 (Overflow/Spill MH)

SSO Address/Location: 1800 Block of E. Park Ave - Remote Utility Easement Area

SSO Volume Method of Estimation (check appropriate box and provide appropriate information for method used below)

Pictorial Reference Flow Rate Chart (Chart) CWEA Ruler
Vent or Pick Holes Eyeball estimate

Measured volume Counting Connections Manhole Ring Partially Covered Manhole Open Manhole

Bucket Method Pipe Size Method Gutter Flow Method Metered Flow
Rain Event Method

Saturated Soils Method Combo/Vacuum Truck Recovery Method

Spill Start Date: 07/06/2023 Spill Start Time: 4:30 PM

Spill End Date: 07/09/2023 Spill End Time: 12:00 AM Total Est. Spill Vol (gal): 194,251.4

Provide a detailed description of the method(s) used to determine the SSO estimate. (Use additional sheets as needed)

- See attached GIS Location Map
- See attached Spreadsheet Calculations/Assumptions

Signed: _____



Director of Utilities

Date: 07/11/2023



VALDOSTA
A City Without Limits

June 07, 2023

M0210

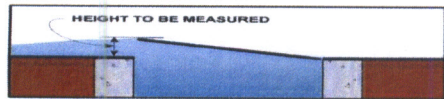
Knights Creek 16" Sanitary Sewer Trunk Main Overflow/Spill at COV MH No M0222 - 1800 Block of E. Park Ave (Utility Easement Area back in remote area)

Ht of Flow at MH Rim	24in MH (sq ft)	Gal/Min	Gal/LS Cycle	Gal/Hr	*Actual Spill Time/Hr	Cycles/Hr	Duration of Spill 06/06 (Hrs)	Duration of Spill 06/07 (Hrs)	Duration of Spill 06/08 (Hrs)	**Subtotal Hrs	Total Spill Duration Gals
0.5	0.131	3.91952	27.43664	6584.7936	28	4	4	20	15.5	29.5	194251.4112
1	0.262	7.83904	54.87328	13169.5872	28	4					
1.5	0.393	11.75856	82.30992	19754.3808	28	4					

* Actual spill time/hr is based on cycling of the nearby lift station at E. Park Ave - spilling occurred during the pump station run times discharging to the upstream MH.
 ** Subtotal Hrs are adjusted for minimal flow during off peak hours over-night.

(in seconds) that the SSO occurred. Finally, multiply by 7.48 to determine the volume of the SSO in gallons. The formula is Volume (gallons) = Area (sq. ft.) x Velocity (ft/sec) x Time (in seconds) x 7.48 (gal/cu. ft.).

Height of plume (in) 0.5
 Area for 24 inch manhole (SF) 0.131
 Estimated velocity (ft/sec) 4
 Duration of SSO (min) 28
 Conversion from (cf to gals) 7.48
 Total estimated SSO volume (gals) 6584.7936
 (0.131 sq. ft. x 4 ft/sec x 28 minutes x 60 sec/min x 7.48 gal/cu ft = 56,441 gal)



Example: The measured height of the plume exiting the side ring of a 24-inch manhole is 2 inches. Based upon the data provided in the Area Calculation Chart below, a 2-inch plume from one side of a 24-inch manhole cover provides 0.524 square feet of area. The velocity of the flow is estimated at 4 ft/sec (visual observation) with the assumed duration of the flow lasting for one hour. The total amount of the SSO is estimated at 56,441 gallons (.524 x 4 x 60 x 7.48 = 56,441)

Height of plume 2 inches
 Area for 24 inch manhole 0.524 square feet
 Estimated velocity 4 ft/sec
 Duration of SSO 60 minutes
 Conversion from cu. ft. to gallons 7.48
 Total estimated SSO volume 56,441 gallons
 (.524 sq. ft. x 4 ft/sec x 60 minutes x 60 sec/min x 7.48 gal/cu ft = 56,441 gal)

Height of Flow	24 Inch Manhole	36 Inch Manhole
0.5 inches	0.131 sq. ft.	0.195 sq. ft.
1 inches	0.262 sq. ft.	0.391 sq. ft.
1.5 inches	0.393 sq. ft.	0.586 sq. ft.
2 inches	0.524 sq. ft.	0.782 sq. ft.
2.5 inches	0.655 sq. ft.	0.977 sq. ft.
3 inches	0.786 sq. ft.	1.173 sq. ft.
3.5 inches	0.917 sq. ft.	1.368 sq. ft.
4 inches	1.048 sq. ft.	1.564 sq. ft.



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SPILL/OVERFLOW REPORTING

SPILL REPORT PROVIDED TO: *Georgia Environmental Protection Division*

SPILL CATEGORY OR OVERFLOW: *Major Spill*

DATE OF SPILL/OVERFLOW: *July 6th 4:30 pm – July 9th, 12:00 am 2023*

LOCATION OF SPILL: *1800 Block of E. Park Ave (Easement Area at Sanitary MH M0222)*
(Google Map Link)

CAUSE OF SPILL/OVERFLOW: *The cause of this major spill was due to a failure of the contractor's (RPI) bypass pumping operation. Both the main pump and backup pump were down for a minimum of 10 hrs on Friday July 7th and likely for a portion of the day on Thursday the 6th due to the backup in the system and low flow at Mud Creek WPCP.*

ESTIMATED VOLUME DISCHARGED: *194,251.4 gallons.*

(A standard calculation measuring the height of the plume exiting the side ring of one side of a MH based on an area calculation and duration. This is an estimated calculation based on the observations and data collected during the spill event – more or less sewage volume than calculated may have escaped the system).

RECEIVING WATERS: *Knights Creek, a tributary of the Alapahoochee River.*

WPCP SEWER BASIN AND NPDES PERMIT: *Mud Creek WPCP, NPDES Permit No. GA 20222*

CORRECTIVE ACTION TAKEN TO MITIGATE OR REDUCE ADVERSE EFFECTS: *Jetting, cleaning and Vaccon Truck Pumping/Removal from the spill MH M0222*

SPILL/OVERFLOW STATUS: *Sewage is no longer escaping.*

SIGNS POSTED: *Signs are posted from previous spill incident – updated .*

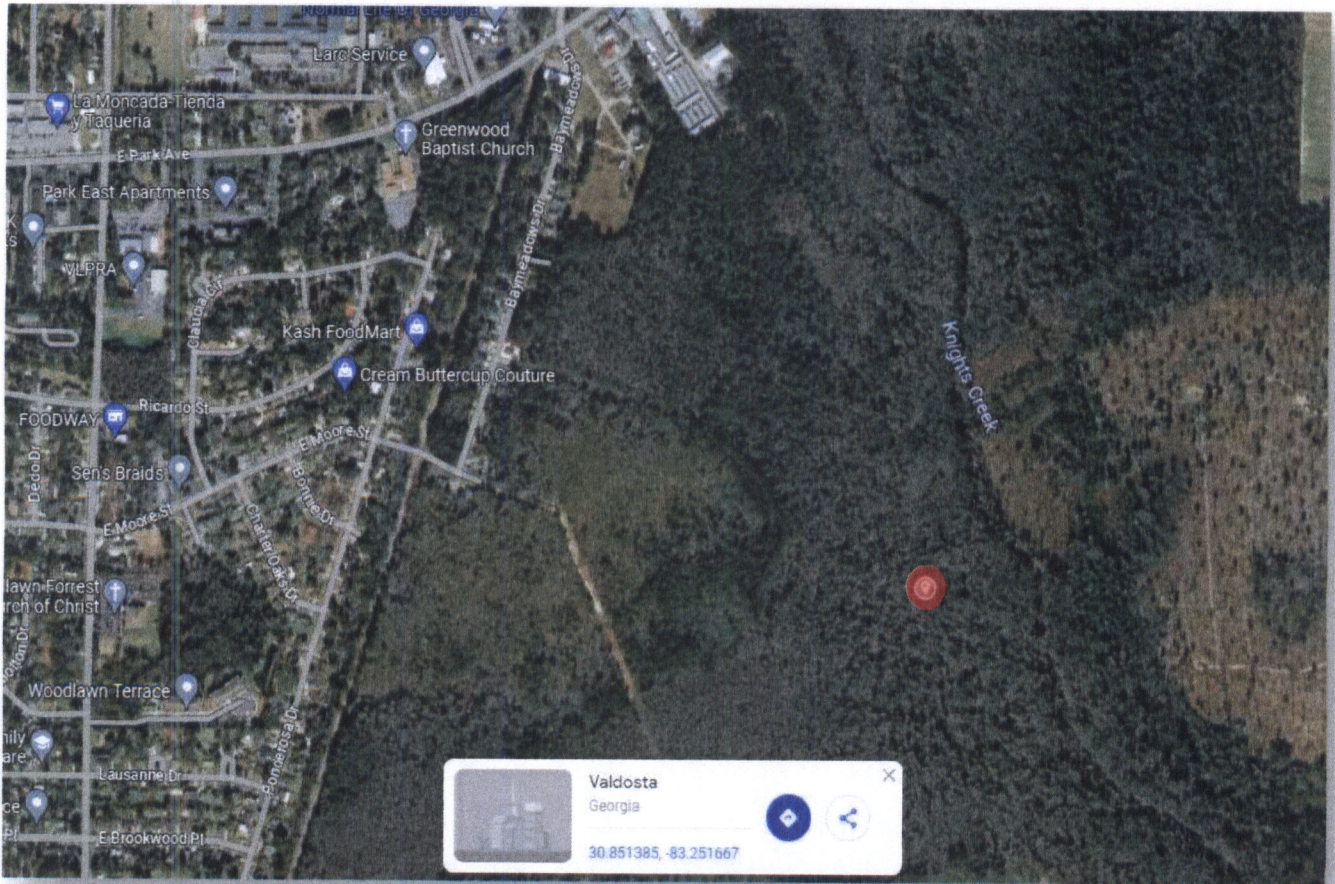




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SPILL/OVERFLOW REPORTING
Location Map



STREAM MONITORING PROGRAM REPORT FORM FOR A MAJOR SPILL

(Attn: Edwina Basilio [Permitting, Compliance and Enforcement Program] Fax No. 404-656-2453)

Name of City/County: VALDOSTA, GA; LOWNDES COUNTY

Spill Amo 194,251

Date Spill Occurred: 7/6/2023 - 7/9/2023

Date Spill Reported to EPD: 7/10/2023

Spill Location: E. Park Ave.

Date of Public Notice (PN): 7/11/23

Name of Receiving Stream Affected: Knight's Creek, Mud Creek Watershed - Mud Creek WPCP Sewer Basin

Upstream Sampling Location: E. Park Ave.

Written Report Submitted To EPD: (Y)

Downstream Sampling Location: Inner Perimeter

Copy of PN Submitted to EPD: (Y/N)

		ABOVE					BELOW						
	DATE	DO	TEMP	pH	FCOLI	e-coli	DO	TEMP	pH	FCOLI	e-coli		
DAY 1	7/10/2023	1.7	26.2	5.8	1500	200	2.5	25.2	5.9	104000	1,400		
DAY 2	7/11/2023	1.9	25.4	5.8	3000	2,500	2.5	24.8	6.0	120000	6,000		
DAY 3	7/12/2023	2.5	26.1	6.1	110	20	2.7	25.3	6.2	1450	210		
DAY 4	7/13/2023	2.1	26.7	6.2	85	70	2.7	25.6	6.1	765	300		
DAY 5	7/14/2023	2.3	25.1	5.8	100	60	3.1	24.5	8.4	12000	1,115		
DAY 6	7/15/2023	2.4	24.6	5.6	240	125	3.5	24.0	8.1	70000	1,500		
DAY 7	7/16/2023	2.0	24.9	6.2	90	160	2.7	23.6	8	72000	505		
Week 1 Geometric Mean:					265	136						18,823	891
WEEK 2													
WEEK 3													
WEEK 4													
WEEK 5													
Month 1 Geometric Mean:(Use all 10 data points)					265	136						18,823	891
MONTH 3													
WEEK 1													
WEEK 2													
WEEK 3													
WEEK 4													
Month 3 Geometric Mean:					#NUM!	#NUM!						#NUM!	#NUM!
MONTH 12													
WEEK 1													
WEEK 2													
WEEK 3													
WEEK 4													
Month 12 Geometric Mean:					#NUM!	#NUM!						#NUM!	#NUM!

Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Tuesday, July 11, 2023 8:11 AM
To: Bradley Eyre
Subject: RE: Sewerage Spill Notification - Knights Creek Sanitary Sewer Trunk Line

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

Thank you for this information.

In the future, please let us know once you are aware of the spill, even if it is still ongoing. This allows us to know about the spill as it is occurring and also helps us inform citizens if we receive complaints/questions.

I will be on the lookout for the final volume.

Also, when can we be expecting the review of the proposed Consent Order back from the City?

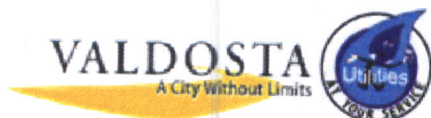
Thank you,
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Monday, July 10, 2023 5:37 PM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: Sewerage Spill Notification - Knights Creek Sanitary Sewer Trunk Line
Importance: High

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Ms. Basilio, I regret to inform you that we had a spill incident beginning Thursday June 6th of last week and ending the early morning hours of Sunday June 9th. The contractors bypass pump operation was down for part of the afternoon/evening of June 6th and the better part of June 7th causing the overflow in the area of the previous spill at a downstream MH No. M0222 - See attached for reference. We are calculating spill amount and will have you a figure to discuss tomorrow AM,

Bradley L. Eyre, SSGB
Director of Utilities



City of Valdosta Utilities Department
1016 Myrtle Street | P.O. Box 1125
Valdosta, GA 31603-1125 | p 229.259.3592

Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Tuesday, July 11, 2023 10:42 AM
To: Bradley Eyre
Subject: RE: Sewerage Spill Notification - Knights Creek Sanitary Sewer Trunk Line

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Thank you

Eddy Basilio

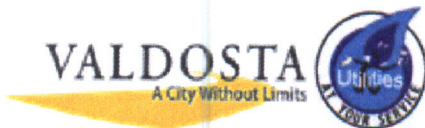
From: Bradley Eyre <beyre@valdostacity.com>
Sent: Tuesday, July 11, 2023 8:38 AM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Sewerage Spill Notification - Knights Creek Sanitary Sewer Trunk Line

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Understood.

I should have the comments to you by Thursday – I will need to review with the City Manager after finalizing. After finishing responding/providing numbers for this recent spill, we will get that together,

Bradley L. Eyre, SSGB
Director of Utilities



City of Valdosta Utilities Department
1016 Myrtle Street | P.O. Box 1125
Valdosta, GA 31603-1125 | p 229.259.3592

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Also, when can we be expecting the review of the proposed Consent Order back from the City?

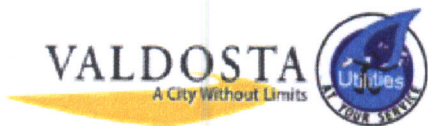
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Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Wednesday, July 12, 2023 8:03 AM
To: Bradley Eyre
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Thank you

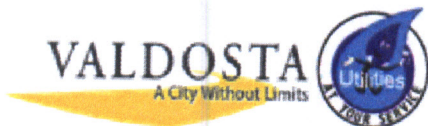
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Tuesday, July 11, 2023 11:13 PM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill
Importance: High

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Ms. Basilio, Please see attached Spill information, calculations and press release as discussed. Please let me know if you have any questions,

Bradley L. Eyre, SSG
Director of Utilities



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Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Wednesday, July 12, 2023 8:44 AM
To: Bradley Eyre
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Okay, thank you

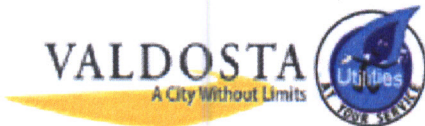
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Wednesday, July 12, 2023 8:27 AM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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This area is a low lying wooded area and is a good distance to knights creek (similar to the first incident here) – we did not observe any direct flow to the creek. 7 day sampling is underway and we will provide those testing results when they become available,

Bradley L. Eyre, SSGB
Director of Utilities



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From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Wednesday, July 12, 2023 8:06 AM
To: Bradley Eyre <beyre@valdostacity.com>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Am I correct in assuming that this spill did reach State waters?

Also, has major spill sampling started for this spill?

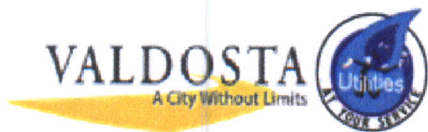
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Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Wednesday, July 12, 2023 9:02 AM
To: Bradley Eyre
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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This looks good. It has all the information still that is required. I don't have any suggestions or recommendations. It looks good.

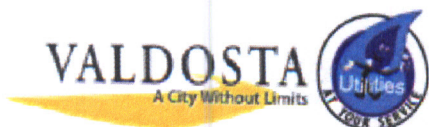
Thanks,
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From: Bradley Eyre <beyre@valdostacity.com>
Sent: Wednesday, July 12, 2023 8:51 AM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Our public information officer issued the press release with a change from what we provided, just FYI. See attached press release as posted attached. We will be looking to modify this information on the website for the public in the future – I like the way Macon Water Authority provides. Please let me know if you have any suggestions or recommendations in this regard,

Bradley L. Eyre, SSGB
Director of Utilities



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Okay, thank you

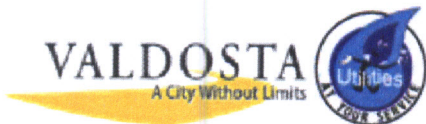
Eddy Basilio

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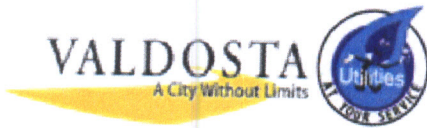
Thanks,
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Tuesday, July 11, 2023 11:13 PM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Basilio, Please see attached Spill information, calculations and press release as discussed. Please let me know if you have any questions,

Bradley L. Eyre, SSG
Director of Utilities



City of Valdosta Utilities Department
1016 Myrtle Street | P.O. Box 1125
Valdosta, GA 31603-1125 | p 229.259.3592

Bradley Eyre

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Friday, July 14, 2023 3:38 PM
To: Bradley Eyre
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

I see it. Thank you

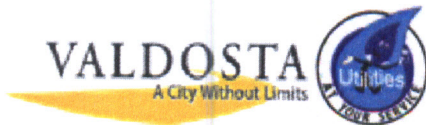
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Friday, July 14, 2023 3:34 PM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Yes – is on the SSO Volume Estimation Worksheet I send earlier. See attached,

Bradley L. Eyre, SSGB
Director of Utilities



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Valdosta, GA 31603-1125 | p 229.259.3592

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Friday, July 14, 2023 3:25 PM
To: Bradley Eyre <beyre@valdostacity.com>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

Hi Brad,

Do you have estimated start and end times for this spill?

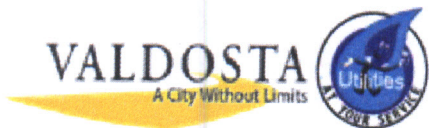
Thanks,
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Wednesday, July 12, 2023 9:22 AM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

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Thank you,

Bradley L. Eyre, SSGB
Director of Utilities



City of Valdosta Utilities Department
1016 Myrtle Street | P.O. Box 1125
Valdosta, GA 31603-1125 | p 229.259.3592

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Sent: Wednesday, July 12, 2023 9:02 AM
To: Bradley Eyre <beyre@valdostacity.com>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

This looks good. It has all the information still that is required. I don't have any suggestions or recommendations. It looks good.

Thanks,
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Wednesday, July 12, 2023 8:51 AM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Our public information officer issued the press release with a change from what we provided, just FYI. See attached press release as posted attached. We will be looking to modify this information on the website for the public in the future – I like the way Macon Water Authority provides. Please let me know if you have any suggestions or recommendations in this regard,

Bradley L. Eyre, SSGB
Director of Utilities

VALDOSTA

A City Without Limits



City of Valdosta Utilities Department

1016 Myrtle Street | P.O. Box 1125

Valdosta, GA 31603-1125 | p 229.259.3592

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>

Sent: Wednesday, July 12, 2023 8:44 AM

To: Bradley Eyre <beyre@valdostacity.com>

Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

Okay, thank you

Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>

Sent: Wednesday, July 12, 2023 8:27 AM

To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>

Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

This area is a low lying wooded area and is a good distance to nights creek (similar to the first incident here) – we did not observe any direct flow to the creek. 7 day sampling is underway and we will provide those testing results when they become available,

Bradley L. Eyre, SSG
Director of Utilities

VALDOSTA

A City Without Limits



City of Valdosta Utilities Department

1016 Myrtle Street | P.O. Box 1125

Valdosta, GA 31603-1125 | p 229.259.3592

From: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>

Sent: Wednesday, July 12, 2023 8:06 AM

To: Bradley Eyre <beyre@valdostacity.com>

Subject: RE: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill

CAUTION: This email originated from outside the City of Valdosta. Maintain caution when opening external links/attachments

Am I correct in assuming that this spill did reach State waters?

Also, has major spill sampling started for this spill?

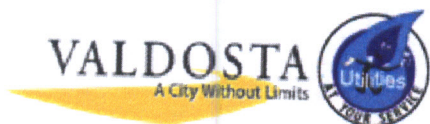
Thanks,
Eddy Basilio

From: Bradley Eyre <beyre@valdostacity.com>
Sent: Tuesday, July 11, 2023 11:13 PM
To: Basilio, Eddy <Edwina.Basilio@dnr.ga.gov>
Subject: Knights Creek Sanitary Sewer Trunk Main-MH M0222 Sewer Overflow/Spill
Importance: High

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Ms. Basilio, Please see attached Spill information, calculations and press release as discussed. Please let me know if you have any questions,

Bradley L. Eyre, SSGB
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