

Haverhill

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April 28, 2020

Ms. Elizabeth Kudarauskas U.S. EPA - Region 1 5 Post Office Square, Suite 100 Boston, MA 02109-3912

Subject: City of Haverhill, MA NPDES Permit #MA 0101621

Consent Decree Submittal (Civil Action No. 16-11698-IT)

Compliance Report Number 7 – July 1, 2019 through December 31, 2019

Dear Ms. Kudarauskas:

Enclosed is Compliance Report No. 7 as required by Section IX.67 of the Consent Decree. This report is for the July 1, 2019 through December 31, 2019 reporting period.

If you require additional information, please call me at (978) 374-2382.

Sincerely,

Robert E. Ward

Deputy DPW Director

RIKTHR

Enclosures

cc: Chief, Environmental Enforcement Section, U.S. DOJ

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CITY OF HAVERHILL, MASSACHUSETTS NPDES PERMIT No. MA0101621 CONSENT DECREE

(Civil Action No. 16-11698-IT, 11/10/16)

COMPLIANCE REPORT No. 7
JULY THROUGH DECEMBER 2019

APRIL 2020

CITY OF HAVERHILL, MASSACHUSETTS

PERMIT No. MA0101621

CONSENT DECREE

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM

(Civil Action No. 16-11698-IT, 11/10/2016)

COMPLIANCE REPORT No. 7

JULY THROUGH DECEMBER 2019

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INTRODUCTION

1.1 BACKGROUND

The United States Environmental Protection Agency (EPA), Massachusetts Department of Environmental Protection (MassDEP), and the City of Haverhill entered into a Consent Decree to require the City to take measures necessary to meet the requirements of the Clean Waters Act and the Massachusetts Clean Water Act, and to achieve and maintain compliance with the Small Municipal Separate Stormwater Sewer System (MS4) General Permit and the Publicly Owned Treatment Works (POTW) Permit, and all applicable federal and state regulations. The effective date of the Consent Decree is November 10, 2016.

As part of the Consent Decree, the City is required to submit a Compliance Report to EPA and MassDEP for the previous six-month period, referred to as a "Reporting Period." The bi-annual Reporting Periods run from January through June and July through December, with the Compliance Reports due on April 30th and October 31st for the previous period.

The goal of this Compliance Report is to provide the EPA and MassDEP an updated summary of the work performed by the City to achieve and maintain compliance over the course of the Reporting Period.

1.2 REPORT ORGANIZATION

The Compliance Report is divided into several sections including:

- IDDE Program
- SSO and Building/Private Party Backup Events
- Construction Site Inspection and Enforcement Program
- General Status
- Secondary Treatment Bypass
- CMOM Corrective Action Plan (per MassDEP request)

Each section summarizes the City's actions, activities, and events that have occurred over the previous Reporting Period in accordance with the Consent Decree.

1.3 CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Robert E. Ward

Deputy DPW Director

City of Haverhill, Massachusetts

IDDE PROGRAM

2.1 INTRODUCTION

The City identified and inspected 1,200 stormwater outfalls (13 of these outfalls are shared stormwater/combined sewer overflow (CSO) outfalls) as part of the 2014/2015 Stormwater Outfall Inspection Report. Based on the findings, the City established a draft schedule of prioritized inspections.

In 2017, the City prepared the "Illicit Discharge Detection and Elimination (IDDE) Manual." The manual identified the procedures that the City will follow to continue their comprehensive inspections of its stormwater outfalls, upstream system investigations, and enforcement procedures when an illicit connection is identified.

Most recently, the IDDE Manual was revised to include the EPA New England Bacterial Source Tracking Protocol and is currently being reviewed by a consultant to ensure compliance with the new MS4 permit. The City has begun implementing a new computerized maintenance management system (CMMS) for stormwater work orders. Staff have been using this web based CMMS to fill out inspection forms in the field using mobile devices.

The IDDE Manual can be found on the City's Stormwater website at: www.cityofhaverhill.com/departments/storm_water_program/index.php

2.2 CURRENT REVISED PRIORITY LISTING

The City continues to review and update its list of IDDE Investigation Priorities as field investigations are performed. The revisions include private outfalls that were confirmed and removed from the list. The City will continue to determine ownership of drainage outfalls and remove privately owned outfalls from its list of future outfall investigations and responsibilities under the IDDE program. As the City confirms the ownership of these outfalls, private outfalls owners will be notified as conditions warrant. For some discharges that were originally identified

as MS4 drain system outfalls in the 2014/2015 Outfall Inspection Report, the City has completed additional investigations and determined that these points are culverts with no connections. Accordingly, they have been removed from the list of City owned MS4 infrastructure and the IDDE Investigation Priorities List.

The Revised IDDE Investigation Priorities as of December 2019 is shown in Table 2-1. There are now 26 outfalls with a High, Medium, or Low Priority; 24 Outfalls with non-bacteria indicators; and 7 outfalls requiring follow-up investigations. This list of priorities may change as the investigations progress. Table 2-1 lists the priority outfalls along with their worst case sample results. All sample results for each outfall are shown in the outfall investigation maps located on the City's Stormwater website.

It is important to note that these IDDE priorities were developed based on the City's November 2016 Consent Decree requirements. The 2016 NPDES General Massachusetts MS4 Stormwater Permit for Haverhill requires a different approach to prioritizing system investigations. The priority list will be updated, as the City develops its Stormwater Management Plan, and revises its IDDE Manual, to meet the requirements of the new NPDES permit.

2.3 IDDE INVESTIGATION PROGRESS REPORTING

Table 2-2 shows the City's progress to date on their IDDE investigations during the reporting period (July through December 2019).

Using GIS, the City identified a total of 26.12 miles of storm drain piping and 2,617 drainage manholes and catch basins in the tributary area upstream of the outfalls included in the Priorities List as Low, Medium, and High priorities. As the other priorities are investigated, their characteristics will be added to the table. These characteristics, such as lengths of pipe and number of structures, have and will continue to change due to field investigations and updated MS4 mapping. The identified lengths of drain pipe and number of manholes for each basin are shown in Table 2-2, as well as the number of each that have been addressed by the IDDE investigations during the reporting period. A cumulative total for the IDDE Program is also included and has been updated from the previous Compliance Reports.

Investigations by the City were performed using a bottom up approach to look for dry-weather-flows. Manholes and piping were investigated upstream from the outfall until there was no more flow during dry-weather. For some outfalls, the entire inventory of pipes, catch basins, and manholes in that catchment area may not have been physically inspected, however, because there was no upstream observed dry-weather-flow, the City assumed that there are no illicit connections further upstream and is marking that catchment's investigations as 100% complete.

As summarized in Table 2-2, the City has currently addressed 57% of the identified drain piping and 63% of the identified catch basins and manholes for the High, Medium, and Low Priorities. Table 2-2 lists both the upstream basin investigations that took place over the reporting period and the total to date.

Over the Compliance Reporting Period (July through December 2019), the City has continued to re-inspect, locate and/or unbury outfalls on the Outfall Maintenance Priority Table (Table 2-3). 17 outfalls were re-inspected, located, and/or cleared of sediment. The City has completed inspections of all high and medium priority maintenance outfalls and is now working on completing inspections of all low priority maintenance outfalls. Also, five outfalls were inspected on the "Needs Follow-up Testing" section of Table 2-1. Two of these outfalls had no dry weather flows during inspections and will be removed from the list. The other three had dry weather flows and were sampled. FBO0723 showed no signs of contamination and the sample results came out clean. UNK1188 had high ammonia and bacteria results and will be added to the low priority lists. MR38718 had high bacteria results and will be added to the high priority list. The results of these inspections are shown in Table 2-1. IDDE inspection supporting documentation is included in Appendix A.

Previously, the City set a goal of sampling and investigating all high, medium, and low priorities by the end of 2019; and all "other priority" areas by the end of 2023. Though the City has made progress on completing the required sampling and investigations of outfalls, there remains ten high priority, five medium priority, and eleven low priority outfalls that require follow-up IDDE sampling and investigations. The City remains committed in completing all of the investigations as required by the Consent Decree, however the City's Wastewater Division is currently

experiencing unprecedented challenges that impacts their ability to perform the required tasks as originally scheduled.

Internally, the Collection System Supervisor's position is currently vacant. This position is responsible for the City's MS4 and IDDE investigations, as well as day-to-day collection system operations. Since the position became vacant, the City has been attempting to fill this critical position, however qualified candidates are very few and far between, and to-date has been unsuccessful in finding the correct candidate. During the search to fill the position, the City did offer the position to a good candidate, however the position was declined for another position that paid \$10,000/year less but was closer to their residence. In addition, during the reporting period, the City's Compliance Coordinator had resigned their position and went to work for the MWRA, however the position has since been filled.

Externally, at the time of this report, the Coronavirus (COVID-19) pandemic is sweeping the nation and the world, which has been detrimental to the City's revenues. Surging unemployment numbers resulting from the pandemic has led to many citizen's neglecting or delaying payment on their municipal bills, which has led to massive shortfalls in revenue. These shortfalls in revenue force adjustments to the City's current and future budgets, which will ultimately limit the City's IDDE program from seeking outsourcing services from third party vendors.

Due to position vacancies and the Covid-19 pandemic, the City is requesting an extension to complete the high, medium, and low priority outfalls by December 31, 2021. At this time, the City intends to hold the completion date for all "other priority" outfalls by the end of 2023.

Table 2-1 PRIORITIZED LIST OF OUTFALL SUB-AREA INVESTIGATIONS (BASED ON OUTFALL INSPECTION PROGRAM) 2014-2019 Dry-Weather MS4/Stormwater Outfall Inspection Program Summary of Water Quality Testing of Dry Weather Flow at MS4/CSO Outfalls

		Outfall In	nformation		Fiel	d Inspection Informa	ation		Dry-We	ather Flow C	haracteristics				Field Paramete	r Test Results					Coliform La	boratory Sampling/Ar	alysis	
		Outrairir	normation		Doto	Dravieve Deinfall	Dry Weather	Flour Decemention	Odes	Color	Flootobles	Tradeldor	Sample	Sample	mil Complementists	Ammonia	Surfactants	Chlorine	Sample Date for	Previous Rainfall	Previous Rainfall	Previous Rainfall	E.Coli	Entrocuccus (MPN/
GIS Identifier	Diameter	Material	Outfall Location	Owner-ship	Date	Previous Rainfall	< 24 <48 hours hours	Flow Description	Odor	Color	Floatables	Turbity	Time	Temp (F)	pH Conductivity	(mg/l)	(mg/l)	(mg/l)	Bacteria	(inches)	(Date)	(End Time)	(MPN/ 100 ml)	100 ml)
												Hig	h Priority										,	
UNK0955	36"	RCP	South Main St(Dominator	City	9/29/2014	0.36" ON 9/21/14		MODERATE	NONE	CLEAR	NONE	NONE	1058	69.2	7.54 1673	0	0.5		9/21/2015	0.1	9/13/2015		>48,000	
MR24314	24"	RCP	Plaza) Groveland Street/Water Street	City	9/2/2015	0.19" ON 8/23/15		NO INFORMATION	RANCID/SO	BROWN,	GREASE	CLOUDY	800	70.1	7.6 1009	0	3	0	9/9/2015	0.19	8/23/2015		>24,000	>24,190
WIN24314	24	KOF	Gioveland Street/Water Street	City	9/2/2013	0.19 ON 6/23/13		NO INFORMATION	UR	YELLOW	GREAGE	CLOODI	800	70.1	7.6 1009	U	3	U	9/9/2015	0.19	6/23/2015		>24,000	>24,190
PL0891	30"	RCP	Main St @ Marsh Ave	City	10/6/2014	0.12" ON 10/4/14		TRICKLE	SEWERAGE	GRAY	OTHER (DEBRIS)	CLOUDY	840	50	7.36 1123	0	3		9/9/2015	0.19	8/23/2015		>24,000	
MR1109	12"	RCP	350 Water Street	City	10/26/2015	0.06" ON 10/25/15		TRICKLE	,,,	NONE	NONE	NONE	930	59.3	7.31 3	0	0	0	12/10/2015	0.1	12/3/2015		1413.6	> 2420
UNK1767	36"	CMP	Tudor Ct	City	10/10/2014	0.08" ON 10/8/14		TRICKLE	NONE	CLEAR	DEBRIS	CLEAR	1055	60.6	7.41 373	0	0.25		10/14/2014				2,420	
UNK0951 DPI0946	48" 48"	RCP RCP	61 Brook St High School	City	9/29/2014	0.36" ON 9/21/14 0.02" ON 11/1/15		MODERATE TRICKLE	NONE NONE	CLEAR NONE	NONE	CLEAR NONE	900 815	65.5 56.4	7.98 334 7.22 849	0	0.25 0.25	0	10/14/2014 12/10/2015	0.1	2/3/2015		>2419.6 >2420	
MR1141	36"	RCP	Merrimac River (River St)	State	9/23/2014	0.36" ON 9/21/14		TRICKLE	NONE	CLEAR	OTHER (DIRT)	CLEAR	945	62	7.88 694	0	0.25	U	9/30/2014	0.01	9/29/2014		>2,420	
DPO0696	12"	RCP	Pamela Lane	City	6/5/2015	1.38" ON 6/2/15		MODERATE	NONE	NONE	NONE	NONE	1010	64.2	6.75 365	0	0	0	6/12/2015	0.1	6/6/2015		>2,419	
MR1138	36"	RCP	Merrimac River (River St)	City	9/23/2014	0.36" ON 9/21/14		TRICKLE	NONE	CLEAR	OTHER (DIRT)	CLEAR	920	58.6	7.24 613	0	0		9/30/2014	0.01	9/29/2014		2420	
		OTHER,											ium Priority											
LR1260	3'x4'	Blocks	140 Hale Street	City	9/28/2015	0.10" ON 9/13/15		NO INFORMATION	NONE	NONE	NONE	NONE	1040	69.9	7.1 927	0	0.5	0	11/4/2015	0.02	11/1/2015		1986.3	
UNK1166	34"	RCP	8 Franzone Dr	City	9/30/2014	0.03" ON 9/30/14		MODERATE	NONE	CLEAR	NONE	CLEAR	850	59.5	7.25 1437	0	0		10/6/2014	0.12	10/4/2014		1299.7	
UNK1177 JC1028	48" 15"	RCP RCP	Franzone Dr Kali Way	City	9/30/2014 10/7/2014	0.03" ON 9/30/14 0.12" ON 10/4/14		TRICKLE TRICKLE	NONE NONE	CLEAR CLEAR	NONE NONE	NONE CLEAR	1105 950	59 67.3	7.05 1537 7.4 433	0	0.25		10/6/2014 10/20/2014	0.12 0.02	10/4/2014 10/18/2014		1299.7 1046.2	
LR0993	16"	CMP	100 Newark Street	City	11/7/2015	0.02" ON 11/1/15		MODERATE	NONE	NONE	NONE	NONE	840	59.6	6.81 765	0	0	0	12/1/2015	0.39	11/28/2015		1046.2	33.6
													w Priority											
UNK1835 LR1103	15" 15"	PVC RCP	Broadway Bennington St	City City	6/10/2015 9/10/2014	0.1" ON 6/6/15 0.5" ON 9/7/14		NO INFORMATION TRICKLE	NONE NONE	NONE CLEAR	NONE NONE	NONE NONE	935 830	69 68.1	7.08 240 7.35 683	0	0	0	6/12/2015 9/16/2014	0.1 0.18	6/6/2015 9/13/2014		980.4 920.8	
BZB0847	15"	RCP	Fermanagh St	City	10/20/2014	0.02" ON 10/19/14		TRICKLE	NONE	CLEAR	NONE	NONE	1306	60	7.7 287	0	1		11/13/2014	0.06	11/7/2014		770.1	
MR20718	10"	RCP RCP	1 Water Street	City	8/14/2015	0.57" ON 8/11/15		NO INFORMATION	NONE	NONE	NONE	NONE	1000	78	7.99 2		0	0	8/31/2015	0.19	8/23/2015		556	631
MR1164 FBO0638	36 12"	RCP	Water Street Hilldale Ave.	City	8/25/2015 6/27/2015	0.36" ON 8/21/15 0.04" ON 6/27/15		TRICKLE	NONE NONE	CLEAR NONE	NONE NONE	NONE NONE	945	72.2 64.5	7.6 2 6.91 453	0	0	0	08/31/2015 7/7/2015	0.19 0.02	08/23/2015 7/4/2015		461 435.2	< 10
PL1222	36"	RCP	West Gile St.	City	5/20/2015	0.07" ON 5/19/15		NO INFORMATION	NONE	NONE	NONE	NONE	825	65.4	7 548	0	0.25	0	6/5/2015	1.38	6/2/15		410.6	-
UNK0661 UNK1063	24" 15"	RCP RCP	Parkridge Rd. Crystal Ct.	City City	9/26/2014 5/26/2015	0.36" ON 9/21/14 0.07" ON 5/19/15		TRICKLE TRICKLE	NONE NONE	NONE	NONE NONE	NONE NONE	1015	67.1 66	7.84 815 7.6 49	0	0	0	11/13/2014 6/5/2015	0.06 1.38	11/7/2014 6/2/2015		365.4 344.8	
MR0982	18"	CLAY	20 Back Lane	City	10/14/2015	0.02" ON 10/13/15		NO INFORMATION	NONE	NONE	NONE	NONE	1150	63.1	7.25 3	0	0	0	11/4/2015	0.02	11/1/15		547.5	183.5
MR23912	8"	STEEL	120 Merrimack St	City	8/27/2015	0.19" ON 8/23/15		TRICKLE	NONE	NONE	NONE	NONE er Priorities (base	915	55.1	6.71 6	0	0	0	8/31/2015	0.19	8/23/2015		12.1	148
MR1140	15"	RCP	River St	City	9/23/2014	0.36" ON 9/21/14		TRICKLE	NONE	BROWN	OTHER	CLOUDY	ca on non-k	42.6	8.18 484	0	0		11/13/2014	0.06	11/7/2014		62.4	
LRO0995 MR0834	18" 48"	RCP RCP	Newark St Merrimac River (Bradley Ave)	City City	9/10/2014 9/19/2014	0.5" ON 9/7/14 0.02" ON 9/16/14		TRICKLE MODERATE	NONE NONE	CLEAR CLEAR	NONE NONE	CLEAR NONE	915 831	71.4 50	7.41 120 7.6 295	0	0.75		10/14/2014 11/13/2014	0.18 0.06	10/11/2014 11/7/2014		52 43.2	
UNK0883	12"	CMP	Werninac River (Bradiey Ave)	City	9/24/2014	0.36" ON 9/21/14		TRICKLE	NONE	CLEAR	NONE	NONE	925	64.7	7.41 224	0	0.25		10/20/2014	0.02	10/18/2014		28.8	-
MR0662	18"	RCP		City	9/25/2014	0.36" ON 9/21/14		TRICKLE	NONE	CLEAR	NONE	NONE SLIGHT	1120	65.4	7.5 475	0	0.25		10/6/2014	0.12	10/4/14		23.8	
LR0963	15"	HDPE	Alvanos St	City	9/11/2014	0.5" ON 9/8/14		MODERATE	NONE	CLEAR	NONE	CLOUDINESS	1015	68.1	7.87 855	0	0.25		9/16/2014	0.18	9/13/2014		22.6	
CB1198 MR0770	NA 36"	RCP RCP	Research Dr Merrimac River (River St)	City	11/4/2014 9/23/2014	0.25" ON 11/2/14 0.36" ON 9/21/14		MODERATE TRICKLE	NONE NONE	CLEAR CLEAR	NONE NONE	CLEAR CLEAR	1003 930	50.2 60.6	7.06 208 7.86 713	0	0.25		11/13/2014 9/30/2014	0.06 0.01	11/7/2014 9/29/2014		21.3 19.9	
UNK1836	36"	RCP	Computer Dr	City City	11/6/2014	0.36 ON 9/21/14 0.25" ON 11/2/14		MODERATE	NONE	CLEAR	NONE	CLEAR	850	53.7	7.48 3	0	0.25 0.5		11/13/2014	0.06	11/7/2014		18.3	
FP7115	12"	RCP	Brickett Ln	City	5/18/2015	0.03" ON 5/12/15	V	NO INFORMATION	NONE	BROWN	OTHER	CLOUDY	920	56	7.4 6	0	0.5	0.25	5/22/2015	0.07	5/19/15		8.4	
DP10969	15"	RCP	Diana Road	City	6/4/2015	1.38" ON 6/2/15	X	MODERATE	NONE	NONE	NONE	NONE SLIGHT	1035	65.3	7.22 610	0	0	0.25	6/5/2015	1.38	6/2/2015		5.2	
DPO0657	45"	RCP	44 Sarah J Circle	City	6/9/2015	0.1" ON 6/6/15		TRICKLE	NONE	NONE	NONE	CLOUDINESS	925	65.4	6.94 206	0	0	0	7/7/2015	0.02	7/4/15		4.1	
UNK1011 UNK0627	24" 15"	RCP RCP	Lake Street	City City	6/8/2015 5/21/2015	0.1" ON 6/6/15 0.07" ON 5/19/15		TRICKLE NO INFORMATION	NONE NONE	NONE NONE	NONE NONE	NONE NONE	915 840	59.3 64.5	6.95 794 6.82 791	0	0.25	0.25	6/12/2015 5/22/2015	0.1 0.07	6/6/2015 5/19/15		3.1	
DPI0947	18"	RCP	177 Brook Street	City	10/31/2015	0.66" ON 10/29/15		MODERATE	RANCID/	NONE	NONE	NONE	800	52.3	7.4 283	0	0	0	12/10/2015	0.1	12/3/15		1	
UNK1189	NA	NA	Primrose St (Dpw)	City	9/12/2014	0.01" ON 9/9/14		TRICKLE	SOUR NONE	CLEAR	NONE	CLEAR	1025	64.7	7.86 343	0	0.25		9/16/2014	0.18	9/13/2014		<1	
TS0984	24"	RCP	, , ,	City	5/11/2015	0.03" ON 5/12/15		MODERATE	NONE	BROWN	NONE	SLIGHT	1111	62.2	6.81 76	0	0	0.25	5/22/2015	0.07	5/19/15		<1	
TC0000	24"	DCD	Noviton Dd		E/40/204E	0.03" ON 5/43/45		CLIDOTANITIAL	NONE	Clear	NONE	CLOUDINESS SLIGHT	1100	62.2	7.2 48	0	0	0.25	E/22/204E	0.07	E/AD/AE		.4	-
TS0989	24"	RCP	Newton Rd	City	5/18/2015	0.03" ON 5/12/15		SUBSTANTIAL	NONE	Clear	NONE	CLOUDINESS	1100	63.3		0	0	0.25	5/22/2015	0.07	5/19/15		<1	
UNK1020	24"	RCP		Private	9/30/2014	0.36" ON 9/21/14		TRICKLE	NONE	NONE		SLIGHT CLOUDINESS	840	44.9	7.77 301	0	0		11/13/2014	0.06	11/7/2014		34.1	
UNK1750	24"	RCP	36 Magnavista	City	5/18/2015	0.03" ON 5/12/15		TRICKLE	NONE	NONE	NONE	NONE	955	64.7	7.6 574	0	0	0.25	5/22/2015	0.07	5/19/2015		<1	
UNK1040	24"	RCP	Gile St.	City	5/20/2015	0.07" ON 5/19/15		TRICKLE	NONE	ORANGE	NONE	SLIGHT CLOUDINESS	930	63.1	7.3 877	0	0.25	0	5/22/2015	0.07	5/19/2015		<1	
UNK0902	40"	CMP	Shelley Rd	City	9/24/2014			MODERATE	NONE	CLEAR	OTHER (RUST)	CLEAR		62.6	7.02 1567	0	0.25	^						
UNK1680	15"	HDPE	Colonial Farm Road	Private	6/27/2015			TRICKLE	NONE	BROWN	NONE OTHER	NONE	4010	66.9	6.9 238	0	0	0						-
DPI1007	54"	CMP	Kenilworth Ln	City	10/10/2014	0.08" ON 10/8/14		TRICKLE	NONE	CLEAR	(DIRT/DEBRIS)	CLEAR	1040	51.5	7.86 471	0	0.25		<u> </u>					
UNK0848	18"	RCP	Woodrow Ave	City	9/26/2019	0.01" ON 9/23/19		NO FLOW					Needs F	ollow-up Te	sting				<u> </u>					
FBO0723	18"	RCP	Hanna Ridge Rd.	City	7/31/2019	1.2" ON 7/23/19		MODERATE	NONE	NONE	NONE	CLEAR	923	76.6	7.77 440	0	<0.05	0	7/31/2019	1.2	7/23/2019	1045	8.5	<u> </u>
UNK0888 UNK1188	NA 32"	NA RCP	West Lowell Street Primrose Street	City City	6/12/2015 7/16/2019			MODERATE TRICKLE	NONE	NONE	NONE	CLEAR	930	73.9	7.48 855	0.5	<0.05	0	7/16/2019	0.45	7/12/2019	2045	770.1	
MR38714	6"	PVC	Fillinose Street	City	3/9/2016			TRICKLE	INOINE	INOINE	INUINE	CLEAR	930	13.9	7.40 000	0.5	<0.05	0	7/10/2019	0.45	1/12/2019	2045	770.1	
MR38718 LR39512	18" 48"	RCP RCP	Merrimack River Little River	City	9/26/2019 7/31/2019			TRICKLE NO FLOW	NONE	NONE	NONE	CLEAR	1013	68.1	8.01 509	0	<0.05	0	9/29/2019	0.01	9/23/2019	2240	>2400	
LN39012	40	NOP	Little Kivel	City	1/31/2019	1.2 ON //23/19		NO FLOW			1	<u> </u>	II		<u> </u>		I .		Ш	l	L	1	<u> </u>	
NOTE		D-4	s one of the parameter threshold																					

NOTE: Data exceeds one of the parameter thresholds that suggest it should be added to the IDDE program

Laborary Sampling Dates in Red are the samples taken with less than 48 hours of dry weather.

TABLE 2-2

SUMMARY OF IDDE INVESTIGATIONS OF SYSTEMS WITH POTENTIAL ILLICIT CONNECTIONS BY BASIN (BASED ON OUTFALL INSPECTION PROGRAM)

2014-2019 Dry-Weather MS4/Stormwater Outfall Inspection Program REVISED (December 2019) IDDE INVESTIGATION PRIORITIES

						Report Period		Completed to Date					
						December 2019				s Reporting Period			
Basin ID	Outfall ID	E-i-4i C	stem Estimates			sin Investigations				asin Investigations			
Basin ID	Outlan ID	Length	Number of	Length	Percent	Number of	Percent	Length	Percent	Number of	Percent		
			Manholes and	of Pipe (ft)	Completed	Manholes and		of Pipe (ft)	Completed	Manholes and			
		of Pipe (ft)	Catch Basins	of Pipe (it)	Completed	Catch Basins	Completed	of Pipe (It)	Completed	Catch Basins	Completed		
			Catch Basins			Catch Basins				Catch Basins			
Buswell Brook	BZB0847	1,697	24					1,697	100%	24	100%		
Buswell Brook TOTAL		1,697	24	0	0%	0	0%	1,697	100%	24	100%		
Creek Brook	CB1193	70	0					70	100%				
	CB1198	144	5										
	CB1710	71	0					71	100%				
Creek Brook Outlet TOTAL		285	5	0	0%	0	0%	141	49%	0	0%		
Detention Pond Outlet	DPO0657	422	7										
	DPO0696	61	2					61	100%	2	100%		
	DPO1079	37	0										
Detention Pond Outlet TOTAL		520	9	0	0%	0	0%	61	12%	2	22%		
Detention Pond Inlet	DPI0946	7,421	172					7,421	100%	172	1		
Determine I one Inici	DPI0947	1,360	11					7,121	10070	172	-		
	DPI0969	1,515	22										
	DPI1007	1,634	0										
	DPI1074	694	14										
	DPI1094	22	0					22	100%				
Detention Pond Inlet TOTAL		12,646	219	0	0%	0	0%	7,443	59%	172	79%		
Fishing Brook	FBO0638	852	15	852	100%	15	100%	852	100%	15	100%		
Fishing Brook TOTAL	FB00030	852	15	852	100%	15	100%	852	100%	15	100%		
Fishing Brook TOTAL		032	15	052	10070	15	10070	032	100 / 0	13	10070		
Frey's Pond	FP7115	72	3										
Frey's Pond TOTAL		72	3	0	0%	0	0%	0	0%	0	0%		
_													
Johnston's Creek	JC1028	1,397	12					1,397	100%	12	100%		
Johnston's Creek TOTAL		1,397	12	0	0%	0	0%	1,397	100%	12	100%		
Little River	LR0952	7,268	88										
	LR0963	703	11										
	LR0993	539	4					539	100%	4	100%		
	LR0995	822	0										
	LR1103	4,418	4					4,418	100%	4	100%		
	LR1260 ¹	26,134	614					6,214	24%	146	24%		
Little River TOTAL		39,884	721	0	0%	0	0%	11,171	28%	154	21%		

						Report Period December 2019				leted to Date is Reporting Period	
Basin ID	Outfall ID	Existing Sv	stem Estimates			sin Investigations				asin Investigations	
		Length of Pipe (ft)	Number of Manholes and Catch Basins	Length of Pipe (ft)	Percent Completed	Number of Manholes and Catch Basins	Percent Completed	Length of Pipe (ft)	Percent Completed	Number of Manholes and Catch Basins	Percent Completed
Merrimack River	MR0662	210	5								
	MR0770	2,980	47								
	MR0834	756	8								
	MR0982	128	10	128	100%	10	100%	128	100%	10	100%
	MR1109	941	12								
	MR1138	289	18					289	100%	18	100%
	MR1140	90	2								
	MR1141 ²	3,899	104					3,899	100%	104	100%
	MR1164	1,746	116	1,746	100%	116	100%	1,746	100%	116	100%
	MR20718	NA									
	MR23912	0	1								
	MR38718	1713	30								
	MR24314	541	24					541	100%	24	100%
Merrimack River TOTAL		13,293	377	1,874	14%	126	33%	6,603	50%	272	72%
Pentucket Lake	PL0891	5,463	128					5,463	100%	128	100%
	PL12221	3,292	102	3,292	100%	102	100%	3,292	100%	102	100%
Pentucket Lake TOTAL		8,755	230	3,292	38%	102	44%	8,755	100%	230	100%
		-,		-, -				-,			
Tilton Swamp	TS0984	52	1								
	TS0989	3,893	47								
Tilton Swamp		3,945	48	0	0%	0	0%	0	0%	0	0%
Unknown	UNK0627	254	8								
CIMILO WIL	UNK0661	410	11					410	100%	11	100%
	UNK0668	854	18					120			
	UNK0788	869	16					869	100%	16	100%
	UNK0836	842	12								
	UNK0883	570	7								
	UNK0898	91	0					91	100%		
	UNK0902	54	2								
	UNK0951	1,910	34					1,910	100%	34	100%
	UNK0953	225	0					225	100%		
	UNK0954	81	0					81	100%		
	UNK0955	6,058	146					6,058	100%	146	100%
	UNK1011	5306	44								
	UNK1020	71	2								
	UNK1040	1,414	21								
	UNK1063	49	0								
	UNK1166	1,079	28					1,079	100%	28	100%
	UNK1177	156	3					156	100%	3	100%
	UNK1188	25,926	470					25,926	100%	470	100%
	UNK1189	2,043	17								
	UNK1680	719	8								
	UNK1750	1,239	23								
	UNK1767	2,077	52					2,077	100%	52	100%

					Current l	Comp	leted to Date							
					July 2019 to	December 2019		Including this Reporting Period						
Basin ID	Outfall ID	Existing Sys	stem Estimates		Upstream Ba	sin Investigations			Upstream B	Basin Investigations				
		Length of Pipe (ft)	Number of Manholes and Catch Basins	Length of Pipe (ft)	Percent Completed	Number of Manholes and Catch Basins	Percent Completed	Length of Pipe (ft)	Percent Completed	Number of Manholes and Catch Basins	Percent Completed			
Unknown	UNK1835	761	10	761	100%	10	100%	761	100%	10	100%			
	UNK1836	1,179	22											
	UNK1886	20	0					20	100%					
	UNK1887	20	0					20	100%					
	UNK1888	21	0					21	100%					
	UNK1889	21	0					21	100%					
Unknown TOTAL		54,319	954	761	1%	10	1%	39,725	73%	770	81%			
West Meadow Brook	WMB0738	80	0					80	100%					
	WMB0739	80	0					80	100%					
	WMB0740	82	0					82	100%					
	WMB0759	20	0					20	100%					
West Meadow Brook TOTAL		262	0	0	0%	0	0%	262	100%	0	0%			
GRAND TOTAL		137,927	2,617	6,779	5%	253	10%	78.107	57%	1,651	63%			
		26.12mi.	_,	1.28mi.	2,1			14.79mi.		-,				

¹ Estimate Base upon Percentage of Manholes Inspected

² Catchment includes State owned drainage and outfall. City inspected City owned drainage.

TABLE 2-3 OUTFALL MAINTENANCE PRIORITY TABLE July through December 2019

	Work Order	High P	riority	Medium Priority	Low Priority						Do Inspection
Outfall ID	Work Order Number	Could Not Locate	Buried	Fully	Partially Submerged in Sediment	Fully Submerged in Water	Partially Submerged in Water	Abnormal Vegatation	Outfall Damage	Inspection Date	Re-Inspection Date
DPI1056	ST00000521	X		in Sediment	Sediment	water	water			June-18	
KL1227	ST00001275	X								June-18	
LR1101	ST00001276	X								June-18	
UNK1015	ST00001278	X								June-18	
UNK1016	ST00001279	X								June-18	
UNK1035	ST00001280 ST00000517	X	37							June-18	
DPI0942 DPI0943	ST00000317 ST00001281		X X							August-18 August-18	March-19
DPI0943 DPI0944	ST00001281 ST00000518		X							August-18 August-18	March-19
LR1150	ST00001282		X							June-19	Water 19
MR0778	ST00000536		X							August-18	
UNK0888	ST00000478		X							March-19	
UNK0889	ST00000554		X							August-18	
UNK0905	ST00000556		X							August-18	
UNK0997	ST00000560		X							August-18	
UNK1033	ST00000562		X							June-18	
UNK1136 UNK1207	STI0001311 STI0001312		X X							August-18	
UNK1207 UNK1221	ST00001312 ST00000568		X							March-19 August-18	
UNK1221 UNK1907	STI00003303		X							August-18	
UNK35912	STI0001314		X							August-18	
UNK1773	ST00000575		X							March-19	
UNK1774	ST00000576		X							August-18	
BZB0959	ST00000508			X						April-19	
CB1196	ST00000510			X						March-19	
DPI0655	ST00000514			X						March-19	
DPI1008	ST00000520			X						April-19	
DPO1154 FP7112	ST00000524 ST00000529			X X						March-19 March-19	
JP1179	ST00000529 ST00000530			X						April-19	
KL1230	ST00001152			X						March-19	
LR0844	ST00000083			Х						March-19	
LR1118	ST00001283			X						March-19	
MR1278	ST00000541			X						April-19	
MR24329	ST00000544			X						April-19	
SB11512	ST00000545			X						August-18	
TS0987	ST00000548 ST00000551			X						March-19	
UNK0064 UNK0782	ST00000551 ST00000553			X X						April-19 March-19	
UNK0782 UNK0935	ST00000558			X						March-19	
UNK1017	ST00000561			X						March-19	
UNK1076	ST00000563			X						March-19	
UNK1137	ST00000564			X						March-19	
UNK1183	ST00000566			X						March-19	
UNK1678	ST00000572			X						March-19	
UNK1748	ST00000573			X						March-19	
UNK1772	ST00000574 ST00000580			X X						March-19 March-19	
UNK1906 UNK25513	ST00000580 ST00000583			X						March-19 March-19	
UNK31513	ST00000583			X						March-19	
CB1148	ST00000591				X					August-19	
CB1199	ST00000595				X					August-19	
CB1200	ST00000596				X					August-19	
CB1201	ST00000597		·		X					August-19	
CL0681	ST00000600				X					April-19	
CL0683	ST00000601				X					April-19	
CL0690	ST00000602				X				1	April-19	
CL0701 CL00688	ST00000603 ST00000605				X X					April-19 April-19	
DPI0634	ST00000606 ST00000606				X					April-19	1
DPI0841	ST00000608				X					April-19	
DPI0965	ST00000609				X					April-19	
DPI1001	ST00000612				X					April-19	

Table 2-3 Continued

		High P	riority	Medium	Low Priority						
Outfall ID	Work Order Number	Could Not		Priority Fully	Partially	Fully	Partially	Abnounci	Outfall	Inspection Date	Re-Inspection Date
	Number	Locate	Buried	Submerged		Submerged in	Submerged in	Abnormal Vegatation	Damage		Date
DPI1004	ST00000613			in Sediment	Sediment X	Water	Water			July-19	
DPI1081	ST00000615				X					July-19	
DPI1090	ST00000617				X					April-19	
FBO0721	ST00000628				X					April-19	
FP7114	ST00000629				X					April-19	
FP7115	ST00000630				X					April-19	
KL30718 LR0931	ST00000634 ST00000635				X X					April-19 April-19	
LR1099	ST00000636				X					April-19	
LR1102	ST00000637				X					April-19	
LR1251	ST00000641				X					April-19	
MR23513	ST00000650				X						
MR23514	ST00000651				X						
MR23515	ST00000652				X						
MR23516 MR23517	ST00000653 ST00000654				X X						
MR23518	ST00000655				X						
MR23519	ST00000656				X						
MR23520	ST00000657				X						
MR23522	ST00000659				X						
MR23523	ST00000660				X				-		
MR23524	ST00000661				X						
MR23525	ST00000662				X X					A	
MR24316 MR24318	ST00000663 ST00000664				X					April-19	
MR24718	ST00000665				X					April-19	
MR5112	ST00000666				X					April-19	
PL1181	ST00000667				X					April-19	
SB1117	ST00000668				X					April-19	
UNK0626	ST00000674				X					April-19	
UNK0663	ST00000677				X					April-19	
UNK0669	ST00000682 ST00000691				X					A	
UNK0756 UNK0882	ST00000091 ST00000700				X					April-19 April-19	
UNK0885	ST00000700				X					April-19	
UNK0950	ST00000706				X					April-19	
UNK0962	ST00000709				X					-	
UNK1000	ST00000710				X					April-19	
UNK1005	ST00000711				X					April-19	
UNK1006	ST00000712				X					April-19	
UNK1111 UNK1123	ST00000717 ST00000718				X					April-19 April-19	
UNK1123 UNK1158	ST00000718 ST00000721				X					April-19	
UNK1160	ST00000722				X					April-19	
UNK1170	ST00000724				X					April-19	
UNK1174	ST00000726				X					April-19	
UNK1205	ST00000732				X					April-19	
UNK1213	ST00000734				X					April-19	
UNK1263 UNK1265	ST00000736 ST00000737				X X					April-19 April-19	
UNK1265 UNK13512	ST00000737 ST00000738				X					April-19 April-19	
UNK16715	ST00000730				X						
UNK1684	ST00000742				X					April-19	
UNK1685	ST00000743				X					July-19	
UNK1686	ST00000744				X					July-19	
UNK1738	ST00000751				X					7.1.1	
UNK1801	ST00000758 ST00000759				X					July-19	
UNK1802 UNK1806	ST00000739 ST00000760				X X					July-19	
UNK1864	ST00000767				X						
UNK1865	ST00000768				X						
UNK1867	ST00000770				X						
UNK1868	ST00000771				X	_			· · · · ·	April-19	
UNK1880	ST00000772				X					April-19	
UNK1891	ST00000773				X					April-19	
UNK1896 UNK1899	ST00000774 ST00000775				X X					April-19 July-19	
OINTIONA	5100000773				Λ					July-17	

Table 2-3 Continued

			High P	riority	Medium Priority							
No. Color Color	Outfall ID	Work Order Number	Could Not		Fully				Abnormal	Outfall	Inspection Date	Re-Inspection Date
NR				Buried								
NR.S.171 STUDMOTPS	UNK1900	ST00000776			III Scallicit		774102	774102			July-19	
NR.1471 ST0000793	UNK24721										U	
NRA513 ST0000794											May-19	
NR. NR.	UNK34712										May-19	
NAX-919	UNK26725	ST00001286										
STOROPIES STOR	UNK26726											
SERRIFF STOROUZS						X			v			
Note											May-19	
DEPOINT ST00001292	CB1147										August-19	
BBOT15	DPO0657										•	
NNK906 ST0000128											August-19	
NNK-100												
NNS-100	UNK1901										May-19	
SH 198 ST00001298	UNK1902	ST00001296										
DEPUIS \$700000519	UNK5113			-				_	X			
DEPILIS \$70000522	CB1198											
ME20719												
INSPIRED ST0000053	MR20719										iviay-19	
KL26714	TS0989										April-19	
DPH1017 \$T00000614	KL26714	ST00000533					X				•	
DPID184	DPI0970											
Defili2												
DPILI31 ST00000619												
DPI1162 ST00000621	DPI1131										May-19	
REDO0719	DPI1162	ST00000621										
KL1178	DPI1197											
LR1260 ST00000642												
TS0984 \$700000670											April-19	
TS33514 TF00000673	TS0984										April-19	
UNK0666 ST00000679	TS33514	ST00000673						X				
NK0728 ST00000688	UNK0665											
NK0729											•	
NK0730											May-19	
UNK0902 ST00000703	UNK0730										May-19	
NK1168 ST00000723 N	UNK0902	ST00000703										
NK1176 ST00000728	UNK0955											
NK1177 ST0000729											T.1. 10	
NK1188 ST00001301											· · · · · · · · · · · · · · · · · · ·	
UNK1206 ST00000733	UNK1177 UNK1188											
NK N	UNK1206							X			_	
NK1696 ST00000746	UNK1220			-								
NK1749 ST00000752												
UNK1767 ST00000755											_	
UNK1823 ST0000761	UNK1749											
WK ST0000763	UNK1823	ST00000761						X				
UNK1910 ST00000777	UNK1829			-								
UNK6316 ST00001303 X May-19 UNK8312 ST00000797 X X UNK1775 ST00000756 X August-19 LR0979 ST00001304 X April-19 MR0607 ST00001305 X May-19 TS0983 ST00001307 X April-19 UNK1173 ST00001308 X X MR0927 ST00001309 X X UNK1189 ST00001310 X X	UNK1835											
UNK8312 ST00000797 X August-19 UNK1775 ST00000756 X August-19 LR0979 ST00001304 X April-19 MR0607 ST00001305 X May-19 TS0983 ST00001307 X April-19 UNK1173 ST00001308 X X MR0927 ST00001309 X X UNK1189 ST00001310 X X											-	
UNK1775 ST00000756 X August-19 LR0979 ST00001304 X April-19 MR0607 ST00001305 X May-19 TS0983 ST00001307 X April-19 UNK1173 ST00001308 X X MR0927 ST00001309 X X UNK1189 ST00001310 X X	UNK8312										May-17	
MR0607 ST00001305 X May-19 TS0983 ST00001307 X April-19 UNK1173 ST00001308 X X MR0927 ST00001309 X X UNK1189 ST00001310 X X	UNK1775	ST00000756									August-19	
TS0983 ST00001307 X April-19 UNK1173 ST00001308 X MR0927 ST00001309 X UNK1189 ST00001310 ST00001310	LR0979			· · · · ·			<u>-</u>				<u> </u>	
UNK1173 ST00001308 X X MR0927 ST00001309 X X UNK1189 ST00001310 X X UNK1189 ST00001310 X X X X X X X X X X X X X X X X X X X	MR0607											
MR0927 ST00001309 UNK1189 ST00001310 UNK1189 ST00001310											April-19	
UNK1189 ST00001310	MR0927									Λ		
Unknown Ownership Outfalls	UNK1189											
	Unknown Ow	nership Outfa	lls									_

2.4 IDENTIFIED ILLICIT CONNECTIONS AND CURRENT RESOLUTION STATUS

The ongoing and cumulative status of the City's efforts to remove any identified illicit connections or discharges is summarized in Table 2-4.

The status of the twelve most recently identified illicit connections is as follows:

• Pentucket Lake Basin

- Outfall PL0891: This catchment area is located on Marsh Avenue and Main Street, and the source of dry weather flow was determined to be from a sewer exfiltrating into an under drain. Correction action has been designed, bid, and the notice of award has been issued to National Water Main. To date the following work has been completed:
 - Cleaning and CCTV inspections of all sewer laterals and mains in the project areas
 - Point repair and rehabilitation of SMH-2190
 - Installation of CIPP main line liner on Main Street
 - Installation of CIPP main line liner on Marsh Avenue
 - Installation of all CIPP sewer lateral liners

Due to high groundwater levels causing flooding in a home during lining of sewer laterals, the project was on hold until groundwater levels lower and weather permits. Also, during inspection and CCTV of sewers, it was discovered that three sewer lateral connections tied into the top of the sewer main. Due to the angle of the connection, the service laterals cannot be lined. Therefore, the lateral connections were dug and replaced. After review of post lining CCTV, it was determined that a number of segments need to be inspected again because the CCTV does not show the entire extents of the pipes. National Water Main has completed CCTV and no defects were found. The cost of this project is approximately \$446,000. Since completion of this project, PL0891 was resampled on 9/26/2019 and bacteria results are still high. The City plans to conduct IDDE sampling and inspection of the entire flowing catchment area. See inspection report in Appendix A and map of progress in Appendix C.

Merrimack River Basin

- Outfall MR1109: The City conducted IDDE investigations on 10/22/2018. High enterococci results start in segment DMH-366:DMH-364. Raccoons and animal feces have been observed in pipes upstream of this segment. Sewer main adjacent to DMH-366:DMH-364 was CCTV'd on 1/4/2019 and has no signs of infiltration crack, or fractures. The City will seek assistance from a consultant regarding next steps. See map of progress in Appendix C.
- Outfall MR0982: The City conducted IDDE investigations on 7/30/2019. CCTV was conducted on 9/17/2019 but a reversal is still needed for segment DMH-893:CB-1241. It is suspected that contamination is coming from an upstream stream that is flowing into CB-1241. See inspection reports in Appendix B and map of progress in Appendix C.
- Outfall MR1164: The City conducted IDDE investigation on 7/29/2019 and CCTV was completed in November 2019. The source of contamination is unknown. Need to further investigate connections in segment DMH-1336:DMH-1156. See inspection reports in Appendix B and map of progress in Appendix C.
- Outfall MR38718: The City sampled this outfall on 9/26/2019 and there was high bacteria results. The City focused on mapping the catchment area because there was no catchment mapped in GIS. This mapping was completed in November 2019 along with CCTV of the main drain lines. The City plans to complete IDDE sampling and investigation. See inspection report in Appendix A and map of progress in Appendix C.

Unknown or Unnamed Basins

Outfall UNK 1166: The City conducted IDDE investigations on 6/24/2019. High E.coli sample results occurred at UNK1166. Also on 6/24/2019, the outfall UNK1177, located just upstream of UNK1166, was sampled and high E.coli sample results were observed. It is suspected that contamination at UNK1166 is caused by UNK1177. CCTV was completed in September 2019 and as a result, there was one connection in the culvert that needs further investigation. See map of progress in Appendix C.

- Outfall UNK1177: The City conducted IDDE investigations on 6/24/2019. High E.coli sample results occurred at UNK1177 and from segment DMH-7485:Culvert Inlet. CCTV was conducted in July and September 2019. There were no connections in the drain. It is suspected that the source of contamination is from an upstream private outfall. See map of progress in Appendix C.
- Outfall UNK1835: The City conducted IDDE investigations on 7/17/2019. During this investigation there was no dry weather flow. See inspection report in Appendix A and map of progress in Appendix C.

Little River Basin

Outfall LR0993: The City conducted IDDE investigations on 5/7/2019. High surfactant sample results occurred at segment CB-1377:CB-1376 and high ammonia sample results occurred at segment CB-1378:CB-1379. CCTV showed no connections to segments and sewer mains are not located near drains. Source of contamination is unknown. The City will seek assistance from a consultant regarding next steps. See map of progress in Appendix C.

Buswell Brook Basin

Outfall BZB0847: The City conducted IDDE investigations on 6/10/2019. High E.coli sample results occurred at segments DMH-546:CB-2775, CB-2775:CB-2770, CB-2770:DMH-545, DMH-545:CB-2767, CB-2767:CB-2768, and DMH-545:CB-2765. High ammonia sample results occurred at segments BZB0847:DMH-546, DMH-546:CB-2775, CB-2775:CB-2770, CB-2770:DMH-545, and DMH-545:CB-2765. CCTV was completed in September 2019 and as a result, there are two unknown connections that need further investigations. An attempt to determine the source of the connection in segment CB-2770:CB-2775 was made on 12/9/2019 but the source is still unknown and needs further investigation. See map of progress in Appendix C.

Fishing Brook

o Outfall FBO0639: The City conducted IDDE investigations on 7/16/2019. CCTV was completed on 9/10/2019 showing no connections or infiltration. High bacteria results

are coming from CB-175. Contamination is suspected to be from farm runoff. During IDDE investigations, there was runoff going into CB-175 that was coming from a farm. See inspection reports in Appendix B and map of progress in Appendix C.

o Pentucket Lake

Outfall PL1222: The City conducted IDDE investigations on 8/21/2019. Some CCTV was completed in November and December 2019. The City needs to finish CCTV and investigate the connections in CB-7355 and CB-801. See inspection reports in Appendix B and map of progress in Appendix C.

TABLE 2-4 SUMMARY OF ILLICIT DISCHARGES IDENTIFIED BY BASIN AND CURRENT STATUS (January through June 2019)

Description			Illicit Dischar	ge/Connection Verified			Ongoing Illici	t Discharge Ren	noval Activities	ies Final Illicit Connection Removal Actions					
CD Requirement			67.a.iii.	1	67.a.iii.2		7a.iii.7	(67.a.iii.8	67.a.iii.9	67.a.iii.3	67.a.iii.4	67.a.iii.5	67.a.iii.6	
Basin ID	Outfall ID	Date Verified	Address Location	Type of Discharge	Estimated Flow (gpd)	Removed?	Reasons Why Not	Schedule for Removal	Reason why expedited	Legal Actions against Private Property Owners	Actions Taken (with Dates)	Date Connection Eliminated	Est. Cost of Removal	Estimated Volume Removed (gallons)	Assessment: Is the City in compliance with the schedule?
Little River	LR1260	10/26/2017	29 Union Street	Single family broken sewer	400 gpd	not removed	gave extension	Was removed on 2/24/18						60,000	
	MR1164	11/19/2016	Market Basket Parking Lot	groundwater into drain	Seasonal Flow/ Not able to estimate	N/A	N/A	N/A	N/A	N/A	This dry weather flow appears to be from a groundwater discharge into the drainage system across a parking lot. Additional testing is required to confirm bacteria source is groundwater.	N/A	N/A	N/A	Yes, the City is in compliance with resolving this "illicit discharge".
	MR1141	12/20/2018	River St	Sewer pipe joint offset leaking in DMH	Not able to estimate	Yes		Was repaired 5/16/2019			Sewer pipe joint and DMH were repaired on 5/16/2019	5/16/2019	\$500	Not able to estimate	Yes, the City is in compliance
Merrimack River	MR1109		350 Water St	IDDE conducted and needs further investigation to determine the source.											
	MR1138	10/20/2017	River St	Upstream contamination from culvert inlet.											
	MR24314	7/27/2016	15 Groveland St., 19 Groveland St, 312 Water St	3 Single family	N/A		N/A	N/A	N/A		New gravity sewer installed on Nov 11, 2016 and 3 homes removed from drain system	11/4/2016	\$ 12,788	26,377	Yes, the City is in compliance
Pentucket Lake	PL0891	10/5/2016	Marsh Avenue	leaking sewer/ exfiltration	Not able to estimate	x	Sewer replacement costs/lengths are extensive; cost exceeds discretionary funds; new fund required in next fiscal year to complete project	Fiscal Year 2019	This connection is being removed as quickly as possible and dependent on the availability of funds within the fiscal year.	N/A	10/5/18-10/10/18: SMH-2190 point repair and manhole rehibilitation complete. 10/11/18- 10/16/18: Installation of CIPP main line liner on Main St. 10/17/18-10/23/18: Installation of CIPP main line liner on Marsh Ave. 10/24/18: Began installing CIPP of sewer laterals. Groundwater too high causing flooding in homes. Project on hold until mid-end March. Project is complete. Post lining CCTV was reviewed and determined that more CCTV needs to be conducted and 1 defect in lining needs to be repaired.		-	-	Marsh Ave sewer repair project was bidded and awarded to National Water Main Cleaning Co. and contract had to be extended to 6/30/19 due to high groundwater. Project was completed by the end of June 2019 but after review of CCTV, it was determined that more CCTV needs to be conducted and 1 defect in lining needs to be repaired.
	UNK0951	11/1/2017	Brook Street	Leaking sewer running through drain	Not able to estimate	not removed	Not able to fix due to weather	As soon as weather permits	-	-	Section of sewer was dug up and replaced	4/17/2018	\$ 4,277	-	Yes, the City is in compliance
	UNK0788	7/27/2016	West Lowell Ave	Possible contamination from leaching septic system	Not able to estimate	N/A	N/A	N/A	N/A	N/A	City drain was disconnected from culvert and residence was connected to City sewer.	Jun-18	\$ 16,700	-	Yes, the City is in compliance
Unknown	UNK1767	7/16/2018	Tudor Ct	IDDE conducted. CCTV needs to be completed. High ammonia from private pipe. Dye tested home and their wastes go to sewer.											

Description			Illicit Dischar	ge/Connection Verified			Ongoing Illici	it Discharge Ren	noval Activities		Final Illicit Connection Removal Actions				
CD Requirement			67.a.iii.		67.a.iii.2		7a.iii.7		57.a.iii.8	67.a.iii.9	67.a.iii.3	67.a.iii.4	67.a.iii.5	67.a.iii.6	
Basin ID	Outfall ID	Date Verified	Address Location	Type of Discharge	Estimated Flow (gpd)	Removed?	Reasons Why Not	Schedule for Removal	Reason why expedited	Legal Actions against Private Property Owners	(with Dates)	Date Connection Eliminated	Est. Cost of Removal	Estimated Volume Removed (gallons)	Assessment: Is the City in compliance with the schedule?
	UNK0955	10/14/2016	South Main St	Contaminated private line discharges to City line.											
	UNK1188	12/25/2012	34 Columbia Pk., 66 Columbia Pk., 74 Columbia Pk., 80 Columbia Pk., 90-92 Columbia Pk.	5 Single family		N/A	N/A	N/A	N/A	N/A	5-house sewer services through a drain pipe that were dripping. Install a PVC sleeve through drain	6/8/2016	\$ 13,000	26,481	City is in compliance. 60 day deadline was not applicable until November 2016.
Detention Pond Outlet	DPO0696	6/12/2015	Pamela Lane	Private drain and outfall DPI0697 that discharge to detention pond and not contaminated. Contaminated detention pond.											
¹ Type of Discharge									Current Report Period Total =		s -	-	,		

 Current Report Period Total =
 \$

 Grand Total =
 \$ 47,265
 112,858

3.1 SSO AND BUILDING/PRIVATE PARTY BACKUP EVENTS

A chronological list of the sanitary sewer overflows (SSO) and building/private party backup events that occurred during this Reporting Period (July through December 2019), are listed in Table 3-1 and shown in Figure 3-1.

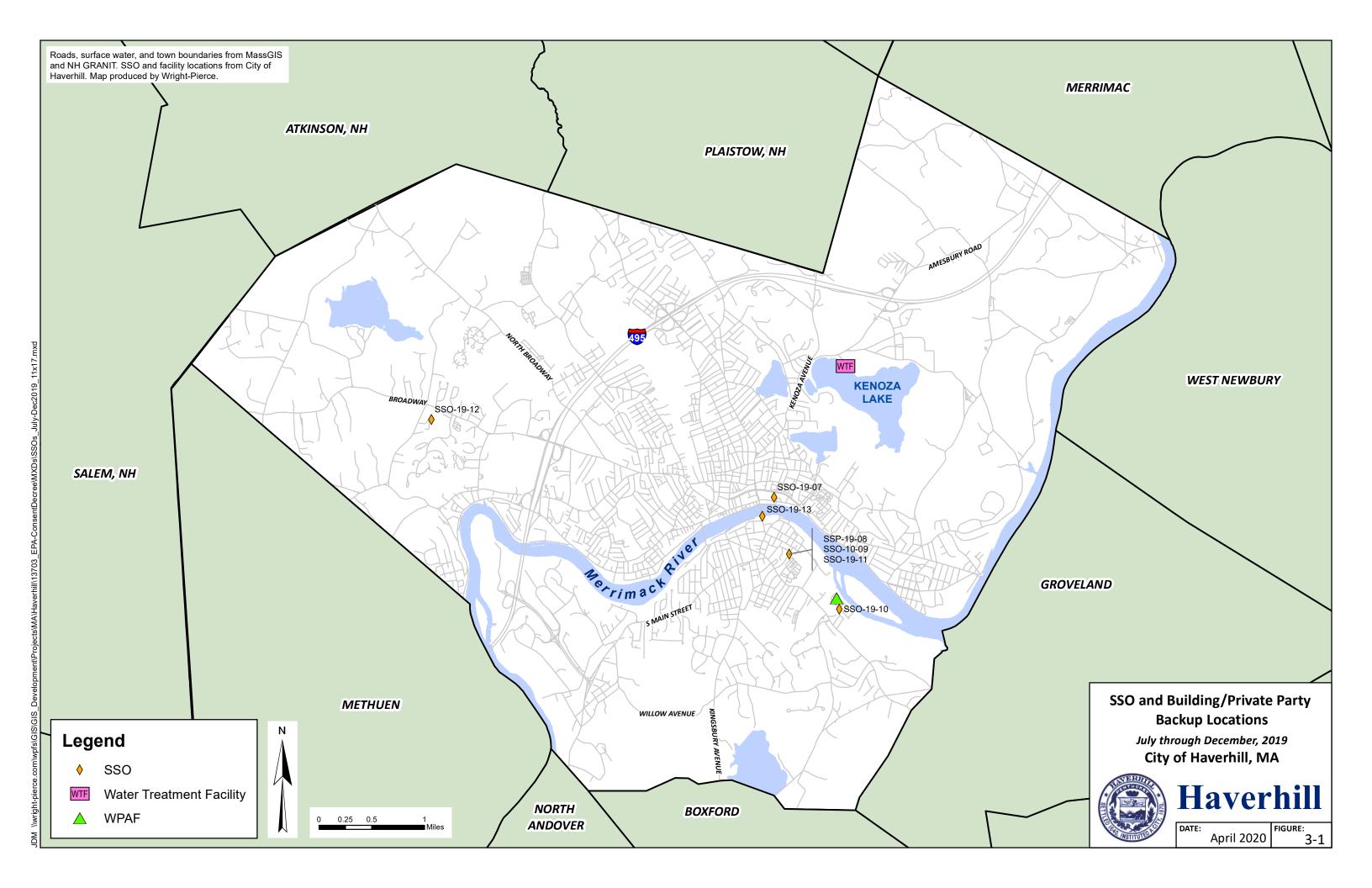
Over the Reporting Period, there were a total of seven reportable SSO events associated with the City's sewer collection system and are listed in Table 3-1. Six of the seven reported SSO's associated with the City occurred previously and was addressed as follows:

- SSO 19-7: Sewer line was flushed to relieve blockage; vac truck company scheduled to clean debris in SMH.
- SSO 19-8: Sewer line was flushed; SMH to be repaired.
- SSO 19-9: Sewer line was flushed; SMH to be repaired; additional CCTV.
- SSO 19-10: Solenoid valve was replaced on treatment plant ejector pumps.
- SSO 19-11: Sewer line to be CCTV'ed; bricks from SMH found in pipe.
- SSO 19-12: Bubbler control system air compressors were repaired. Backup floats to be installed at pump station.

It is important to note that the SSO's associated with the City's collection system operations continue to not be a result of pipe capacity deficiencies, and the City continues to make significant progress in reducing the number of SSOs that occur in the system attributed to City operations. For this six-month reporting period, the City had seven SSOs that were directly attributable to unanticipated collection system conditions. The EPA reported annual average SSOs in a typical nationwide system is about four SSOs per 100 miles. Accordingly, Haverhill continues to have fewer SSOs than the national average.

TABLE 3-1 SANITARY SEWER OVERFLOW EVENTS JULY THROUGH DECEMBER 2019

SSO Ownership City or Private	CITY	CITY	CITY	CITY	CITY	CITY
MaintStar Work Order	WW00001696		WW00001704	WW000024109	WW00001696	WW00001774
SSO ID	SSO-19-07	SSO-19-08	SSO-19-09	SSO-19-10	SSO-19-11	SSO-19-12
SSO Address	BETHANY AVE	SOUTH WEBSTER CSO	SOUTH WEBSTER CSO	40 SOUTH PORTER ST	SOUTH WEBSTER CSO	34 DANIELLE DR
Start Date/Time	7/23/19 7:10 AM	8/2/19 12:24 AM	8/5/19 9:54 PM	8/7/19 9:30 AM	8/30/19 5:30 AM	12/6/19 9:00 PM
End Date/Time	7/23/19 8:15 AM	8/2/19 12:33 AM	8/6/19 7:59 AM	8/7/19 9:40 AM	8/30/19 7:30 AM	12/6/19 11:00 PM
Date Reported EPA/DEP	7/23/2019	8/2/2019	8/6/2019	8/7/2019	8/30/2019	12/8/2019
Who notified	RESIDENT	FLOW METER EMAIL NOTIFICATION	FLOW METER EMAIL NOTIFICATION	OPERATIONS STAFF	FLOW METER EMAIL NOTIFICATION	RESIDENT
Reason for occurrence	SEWER SYSTEM BLOCKAGE	SEWER SYSTEM BLOCKAGE	SEWER SYSTEM BLOCKAGE	PUMP STATION FAILURE	SEWER SYSTEM BLOCKAGE	PUMP STATION FAILURE
Date of last SSO occurrence	6/6/2019	10/16/2018	8/2/2019	8/8/2018	8/5/2019	9/6/2015
SSO est. vol.	5,000	280	250	10	10,000	500
Receiving Waters if sewerage entered	MERRIMACK RIVER	MERRIMACK RIVER	MERRIMACK RIVER	NONE	MERRIMACK RIVER	WEST MEADOW BROOK
Method Use to Estimate volume	VISUAL	LEVEL METER/ FLOW OVER WEIR	LEVEL METER/ FLOW OVER WEIR	VISUAL	LEVEL METER/ FLOW OVER WEIR	VISUAL
Nearest CB location ID	CB-3358	N/A	N/A	CB-7980	N/A	CB-2182
Distance to Nearest CB (ft.)	138	N/A	N/A	63	N/A	11
Name of receive Water whether or not there was a release	MERRIMACK RIVER	MERRIMACK RIVER	MERRIMACK RIVER	MERRIMACK RIVER	MERRIMACK RIVER	WEST MEADOW BROOK
Entered CB Yes or No	YES	NO	NO	YES	NO	YES
Measure Taken to Stop SSO	FLUSHED CITY SEWER	BLOCKAGE RELIEVED ITSELF	FLUSHED CITY SEWER	EQUIPMENT WAS REPAIRED	REMOVED DEBRIS IN SEWER	PUT PUMPS IN MANUAL AND PUMPED DOWN STATION
Decontaminate	YES	NO	NO	YES	NO	YES
Measures taken to prevent future overflows	CITY SEWER FLUSHED TO RELIEVE BLOCKAGE, VAC TRUCK COMPANY SCHEDULED TO CLEAN DEBRIS IN SMH	SMH NEEDS TO BE REPAIRED. FLUSHED CITY LINE.	SMH NEEDS TO BE REPAIRED. FLUSHED CITY LINE. NEED TO CCTV LINE AGAIN.	REPLACED SOLENOID VALVE ON EJECTOR PUMPS	SEWER WILL BE CCTVd. FLOW METER COMPANY WAS ON SITE MOVING FLOW METER EQUIPMENT. FOUND BRICKS FROM SMH IN SEWER.	AIR COMPRESSORS WERE FIXED. PUMP STATION NEEDS BACKUP FLOATS.
SEWERAGE LOCATION INTO STREAM	MR1165	LR1743	LR1743	NONE	LR1743	UNK0667



4.1 CONSTRUCTION SITE INSPECTION AND ENFORCEMENT PROGRAM

At their June 26, 2018 Haverhill City Council meeting, the Council passed and adopted a Pre and Post Construction Stormwater Management Ordinance as required as part of the Consent Decree.

Currently, there are two projects within the City that are one acre or more of land disturbance, however both projects did not require an individual stormwater permit as they were exempt under Section 219-7H of the City Code. Stormwater discharges resulting from the activities that are wholly subject to jurisdiction under the Wetlands Protection Act and demonstrate compliance with the Massachusetts Stormwater Management Standards as reflected in an Order of Conditions issued by the Conservation Commission are exempt from obtaining a stormwater permit under Chapter 219.

GENERAL STATUS

5.1 INTRODUCTION

This section summarizes the actions taken by the City of Haverhill to achieve Consent Decree compliance within the Reporting Period.

For the seventh Reporting Period (July through December 2019) there were two deliverables and/or activities due within that timeframe to achieve compliance. Those two deliverables/activities are shown in Table 5-1 below.

The City has made progress related to their Combined Sewer Overflow Final Long-Term Control Plan. During the reporting period approximately 50,000 linear feet of both cleaning and CCTV inspection was performed on the four areas of the dry weather connector pipes, Bradford Interceptor, Locke Street area, and Middle Siphon, which represented approximately 90% of the pipelines to be inspected as part of the project. In addition, 90% design plans and specifications for the CSO Dry Weather Connector Pipe Improvements were submitted by the Engineer, with bidding anticipated to occur in Spring 2020 and construction completed by the end of 2021.

Construction continued on the Odor Control and Administration Building HVAC Improvements at the City's Water Pollution Abatement Facility.

Upgrades to the Carleton Street and North Avenue Pump Stations were complete and placed online.

Work orders generated from the City's computerized maintenance management system, MaintStar, for the outfall inspection (prefix STI) programs from July through December 2019 are attached to this Compliance Report in Appendix A. Work orders generated for outfall investigations (prefix ST) during this reporting period are attached in Appendix B.

TABLE 5-1
SUBMISSIONS WITHIN CURRENT REPORTING PERIOD

Part	Activity	Due Date	Submittal Date							
Effe	Effective Date of Consent Decree (11/10/2016)									
IX	Compliance Reporting									
	Compliance Report No. 6	10/31/2019	10/29/2019							
С	Illicit Discharge Prohibition and Removal from MS4 System									
	Eliminate all sources known as of Effective Date to cause pollutants in stormwater	Per letter to EPA dated 12/28/17, the City requested extension for all high, medium, and low areas to be complete by 12/31/19. The City requests an extension to complete all high, medium, and low areas to be completed by December 31, 2021. All remaining areas by 2023.	Refer to Section 2.3; the City requests additional extension for all high, medium, and low areas due to internal and external hardships.							

5.2 ISSUES OF NONCOMPLIANCE

The City is in compliance with the requirements of this Consent Decree.

5.3 LOOKING AHEAD - SIX MONTH FORECAST

The anticipated future deliverables required under the Consent Decree for the next Reporting Period, January to June 2020, are shown in Table 5-2.

TABLE 5-2 FUTURE DELIVERABLES DURING THE PROCEEDING REPORTING PERIOD (JANUARY THROUGH JUNE 2020)

Part	Activity	Trigger Event	# Days Due Post Trigger Event	Due Dates					
Effec	tive Date of Consent Decree	11/10/2016							
М	CSO Monitoring								
	Annual CSO Activation Report	4/30/20	Annually	5/1/2019					
IX	Compliance Reporting								
	Compliance Report No. 8	4/30/20	180	10/31/2020					

SECONDARY TREATMENT BYPASS

6.1 INTRODUCTION

The intent of this section is to summarize the secondary treatment bypass events that occurred at the City of Haverhill's Water Pollution Abatement Facility during the reporting period, July through December 2019.

6.2 BYPASS EVENTS

There were no secondary treatment bypass events that occurred during the reporting period. Particularly of note, this is the fourth consecutive reporting period (two years), that the secondary treatment bypass facilities have not been activated. They have not been activated since September 7, 2017.

SECTION 7

CMOM CORRECTIVE ACTION PLAN

7.1 INTRODUCTION

Pursuant to the Consent Decree, the City of Haverhill submitted the Capacity, Management, Operation, and Maintenance Program Assessment Corrective Action Plan (CMOM), dated February 22, 2017, to MassDEP and EPA. In their review letter dated August 3, 2017, MassDEP requested that a summary of the status of CMOM-Related corrective actions that occurred during the reporting period be included in the Compliance Reporting.

7.2 CMOM CORRECTIVE ACTIONS

The CMOM identified 27 deficiencies, their recommended corrective actions, and an implementation schedule, which are listed below in Table 7-1. Table 7-1 also provides an updated status for each corrective action.

7.3 ADDITIONAL CMOM-RELATED ACTIVITIES

In addition to the corrective activities, the City has also performed additional activities as outlined and recommended in the CMOM Program, which includes collection system maintenance and construction activities. The collection system maintenance activities that were performed from July through December 2019 (Reporting Period 7) and their associated costs are listed in Table 7-2 below.

Construction activities that occurred during the reporting period include sewer repair and replacement included under the Phase II Water Transmission Main and Distribution Improvements, DWSRF #4397. The total bid price for the sewer work within the contract was approximately \$2,000,000. Funds expended for calendar year 2019 is \$572,746, which represents approximately 29% of the work completed.

The City continues to install Mission Alarm and monitoring systems at its wastewater pump stations. Seven Mission Systems were installed last year at a cost of \$37,450 and two were included as part of the Carleton Street and North Avenue Pump Stations Upgrades. There are now sixteen wastewater pump stations equipped with Mission Systems.

As stated previously in Section 5, during the reporting period approximately 50,000 linear feet of both cleaning and CCTV inspection was performed on the four areas of the dry weather connector pipes, Bradford Interceptor, Locke Street area, and Middle Siphon, which represented approximately 90% of the pipelines to be inspected as part of the CSO Final Long Term Control Plan Project.

Maps showing areas within the City that CCTV work was performed is attached to this report in Appendix D.

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
1	The City does not have a formal long-term plan to mitigate SSO.	The recommendations in the Wastewater Treatment Plant & Collection System Staffing Analysis (Woodard & Curran, 2017), Collection System CIP and Sewer Inspection SOP (Appendices B and F), and the Pump Station Evaluation (Wright Pierce, 2016) will serve as a long term plan to reduce the causes of SSOs.	Ongoing	The City has a capital improvement plan which includes recommendations from the Wastewater Treatment Plant & Collection System Staffing Analysis, Collection System CIP and Sewer Inspection SOP, and the Pump Station Evaluation which is the long-term plan to reduce the causes of SSOs. A majority of SSO's are caused by unanticipated sewer blockages. Every effort is taken to minimize the overflow and to take corrective action to prevent reoccurrences. The City has made great strides in order to reduce the number of SSOs over the years, which has seen a downward trend in the annual total occurrences.
2	The City does not have a comprehensive system to prioritize investigations, repairs, and rehabilitation.	Use the risk-based methods described in Appendices B and F from Capacity, Management, Operations and Maintenance (CMOM), Program Assessment and Corrective Action Plan prepared by Woodard & Curran (February 2017) to prioritize investigations, repairs, and rehabilitation.	Ongoing	A PEF was submitted to complete planning and implementation of various CMOM corrective action plans including pipe inspections. The City has also began adding CCTV and LOF pipe ratings to their new CMMS software (Utility Cloud). The City has also added sewer rehab/repair work to the Water Departments Phase II water main replacement project. This included CCTV and inspection of about 19,000 ft of sewer, a sewer rehab recommendation technical memorandum from an Engineering firm, and design of all excavation sewer repairs. This investigation, recommendation, and design cost the City about \$134,000. This project began in September 2019 and is expected to cost about \$1.8 million.
3	The City does not have updated job descriptions that match technical requirements for a modern collection system utility.	Update job descriptions for the revised organizational structure proposed in the Wastewater Treatment Plant & Collection System Staffing Analysis (Woodard & Curran, 2017)	Within one year after EPA approves the CMOM Action Plan	Complete

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
4	Although the City training program includes some key safety training, staff would benefit from a formalized safety and technical training program.	Implement a staff training program using the guidelines outlined in Appendix C.	Within one year after EPA approves the CMOM Action Plan	The City is contact with innovative safety to put a training schedule in place. The city plans to get all necessary training done to be OSHA compliant
5	Although the City uses MaintStar to track customer complaints, they do not use the database to prioritize preventative maintenance.	Annually review customer complaint data using GIS to identify areas that may require further investigation.	Within one year after EPA approves the CMOM Action Plan	Complete - The city investigates customer complaints as they are received to determine appropriate action (i.e., schedule CCTV inspection, schedule further investigation, perform work to address issue, schedule preventative maintenance, add to capital improvements plan, etc.) A Preventative Maintenance schedule has been developed and tracked within MaintStar.
6	The City lacks a comprehensive, risk-based approach to maintenance planning.	Use the risk-based methods described in Appendices B and F from CMOM Program Assessment and Corrective Action Plan prepared by Woodard & Curran, February 2017 to prioritize investigations, repairs, and rehabilitation.	Ongoing	Complete. The City has been using GIS to analyze the current collection system and to prioritize investigations. The City will also be performing another assessment study of certain areas in the City. Also, the City has begun implementing a new CMMS software that is map based. This software will include easy access to CCTV, pipe ratings, CoF, and LoF. Collection System Personnel have been certified in NASSCO PACP. All CCTV vendors must submit video with PACP data, which is used for recommending spot repair locations.
7	Local limits need to be updated.	Perform a local limits study and update the limits table in the ordinance (per Appendix E, Sewer Ordinance Review from CMOM Program Assessment and Corrective Action Plan prepared by Woodard & Curran, February 2017).	Within one year after EPA approves the CMOM Action Plan	A draft of the local limits evaluation is complete. The City is expecting a new NPDES permit in the fall of 2019 which will impact the local limits evaluation. The evaluation will be finalized once the appeal of the NPDES permit is resolved.

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
8	The City needs to improve implementation and enforcement of their Sewer Use Ordinance (SUO).	Improve implementation and enforcement of the SUO. Begin mapping Food Service Establishments in GIS and building database of grease trap inspectional data.	Within one year after EPA approves the CMOM Action Plan	An excel database of all Food Service Establishments has been created. The City has hired an engineering firm to conduct all Food Service Establishment Inspections. Using the excel database, the City has begun implementing a new CMMS software (Utility Cloud) to manage FOG inspections. This is expected to go live in the near future.
9	The City should update recordkeeping pertaining to private systems.	Input private lift stations into CMMS to track issues & contact information.	Within three months after EPA approves the CMOM Action Plan	Complete
10	The City does not have a finalized version of their capital improvement plan – which will include pump station upgrades, collection system rehabilitation, and WWTP upgrades.	The City should finalize their CIP and appropriate funds as necessary.	Within three months after EPA approves the CMOM Action Plan	The CIP is complete. As part of the annual budget process, the city updates the CIP each year. The CIP is used to develop the wastewater 5-year financial plan to fund the CIP. The CIP includes pump station upgrades, collection system rehabilitation, and WWTP upgrades.
11	The City does not have a finalized version of their capital improvement plan – which will include pump station upgrades, collection system rehabilitation, and WWTP upgrades.	The City should finalize their CIP and appropriate funds as necessary.	Within three months after EPA approves the CMOM Action Plan	See status of Action #10.
12	The City has not verified that other air relief valves do not exist. Maintenance of air relief valves has not been performed historically.	Review record drawings and inspect force main routes to confirm location of air relief valves. If located, enter in GIS and schedule routine maintenance in CMMS.	Within one year after EPA approves the CMOM Action Plan	
13	The City does not have a standard procedure for maintaining safety training records.	The City will utilize their CMMS program to organize safety training records.	Within one year after EPA approves the CMOM Action Plan	Complete. The City is utilizing their MaintStar along with problem code training.
14	The City has a general emergency response plan (ERP). The Division recently completed an ERP for responding to SSOs. The Division lacks ERP for other collection system emergencies.	Develop ERP for collections-specific emergencies, in particular those affecting critical assets. For example, there should be an SOP for providing backup power to pump stations during a system-wide power outage.	Within one year after EPA approves the CMOM Action Plan	Complete.

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
15	The City does not have formal emergency response training.	Implement a program for training and practicing emergency response.	Within one year after EPA approves the CMOM Action Plan	The city is working with Innovative Safety to put a training schedule in place. The city plans to get all necessary training done to be OSHA compliant.
16	The City has a hydraulic model for interceptors and CSOs, but there is no city-wide hydraulic model.	Although developing a comprehensive hydraulic model is not a high priority, Woodard & Curran recommends building out the model as required to address capacity issues and plan for new development as the need arises.	As Needed	The City's GIS system is updated on an ongoing basis which will provide a good foundation for a future model.
17	The City does not have adequate staff to perform sufficient preventative maintenance on all 36 pump stations part of the collection system.	Follow the recommendations of the Wastewater Treatment Plant & Collection System Staffing Analysis (Woodard & Curran, 2017) to assign sufficient resources to keep up with required maintenance.	Within one year after EPA approves the CMOM Action Plan	The City developed a job description for a new Collection System MEO/laborer and hired a qualified candidate. The City outsources many tasks. See response to Item #19. The Mission Systems improve the monitoring of pump stations resulting in reduced staff time for routine inspections (weekly vs. daily) and more time on preventative maintenance
18	Although there is generally sufficient redundancy of pumps and level controls, some stations require specific upgrades related to redundancy.	The City will utilize the recommendations of the Pump Station Evaluation (Wright Pierce, 2016) to evaluate future rehabilitation. The City is planning for Carleton Street PS and North Ave PS to be in construction by EOY 2019.	Ongoing	The replacement/upgrades to the Carleton Street and North Avenue Pump Stations are complete and online. The City will be standardizing all their pump stations during upgrades and additional pump stations will be recommended for rehabilitation/upgrades.
19	Not all pump stations have communication ability. Lack of communication at pump stations has contributed to SSOs.	The City will utilize the recommendations of the SCADA Study (Woodard & Curran, 2011) and Pump Station Evaluation (Wright Pierce, 2016) to evaluate communication improvements.	Ongoing	All pumping stations have the ability to communicate alarms. City has selected the use of Mission Alarm and Monitoring Systems for communication. Currently, 16 out of the City's 36 pump stations have Mission Systems. The City has budgeted money to install Mission RTU alarms at 5+/- additional stations this fiscal year (the number of stations will depend on the bid price). The City will be continuing to install Mission Systems until all Collection System Assets are equipped, which is estimated to be complete within the next five years.

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
20	11 pump stations do not have working backup power, though most of these have connections for a portable generator or are small enough to pump out.	The City will utilize the recommendations of the SCADA Study (Woodard & Curran, 2011) and Pump Station Evaluation (Wright Pierce, 2016) to evaluate emergency power improvements. Develop an ERP to address a system-wide power outage including monitoring fuel supplies, mobilizing portable generators, and pumping out with trucks.	Ongoing ERP for system wide power outage will be developed within three months after EPA approves the CMOM Action Plan	Complete
21	There is currently no schedule for cleaning sewer lines on a system-wide basis.	The City will utilize a 20-year plan to inspect all sewer pipes calculated to have a consequence of failure value ≥ 3 (approximately 57% of system). See the Collection System CIP (Appendix B) for additional information.	Will begin to implement program within six months after EPA approves the CMOM Action Plan	The City has focused on cleaning major interceptors and siphons to increase capacity within the system and increase storage. The Middle Siphons, Middle Interceptor, Bradford Interceptor, and all the combined sewers in the Locke St CSO catchment area were cleaned in 2019. The City is also looking into purchasing their own vac truck.
22	The City does not have a dedicated location for offloading and dewatering sewer cleanings. The City does not have an enclosed location for storage of their sewer maintenance vehicles.	The City will purchase a dewatering dumpster for sewer cleanings. The City will construct a facility for storage of sewer maintenance vehicles.	Within three years after EPA approves the CMOM Action Plan	The City currently rents dumpsters and stores them at the Wastewater Treatment Plant. These dumpsters are watertight and covered. Cleaning debris is dewatered at the septage receiving area and then offloaded into the dumpsters.
23	The City does not have a list of assets located on right-of-ways. The City has also not developed an SOP for maintenance of right-of-ways and easements.	Identify off-street assets using GIS. Schedule preventative maintenance for maintaining accessibility in CMMS. Develop SOPs for specific easements as necessary, including contacting property owners to obtain keys, etc.	Within two years after EPA approves the CMOM Action Plan	The City has inputted easements into GIS. These assets will be populated, and SOPs will be made.

Table 7-1 CMOM Corrective Action Plans & Status

Action #	Deficiency	Recommended Corrective Action	Implementation Schedule	Status
24	There is no systematic program for uncovering manholes that have been paved over.	Develop an SOP which includes: • Identification of paved over manholes as part of routine inspections • Add paved-over manholes to GIS. • Adding work orders to CMMS for raising paved-over manholes.	Within two years after EPA approves the CMOM Action Plan	The City's highway department distributes a street paving list to each department. The engineering department investigates those streets and puts a list together of buried manholes. This list is then given to the contractor and the contractor raises the manholes. Paved over manholes are added to GIS on an ongoing basis as they are discovered.
25	Although the City has identified areas with high measured inflow, building inspections have not been performed.	The City will perform trial building inspections to a sample of 10% of buildings located in Areas 14 & 23 Infiltration and Inflow Report (CDM Smith, 2011). Sample brochures will be sent out to buildings where inspections are not successfully completed.	Within two years after EPA approves the CMOM Action Plan	The City is considering this as part of their Phase 3 CSO work.
26	The City lacks public education materials associated with roof leaders and sump pumps.	The City will consider using a public education campaign to inform residents of proper plumbing in areas of separated sewer.	Within one year after EPA approves the CMOM Action Plan	The City is considering this as part of their Phase 3 CSO work.
27	The City does not have a system-wide manhole inspection program.	Perform manhole inspections using NASSCO Level 1 MACP. Prioritize and schedule using the risk-based approach described in Appendices B and F rehabilitation. The City plans to complete manhole inspections while performing pipe inspections.	Will begin to implement program within six months a fter EPA approves the CMOM Action Plan	As the City contracts CCTV, they will contract manhole inspections. The City has implemented MACP whenever contractors are hired to inspect sewer manholes. In addition, MACP Level 1 form has been created in the City's CMMS Utility Cloud.

TABLE 7-2

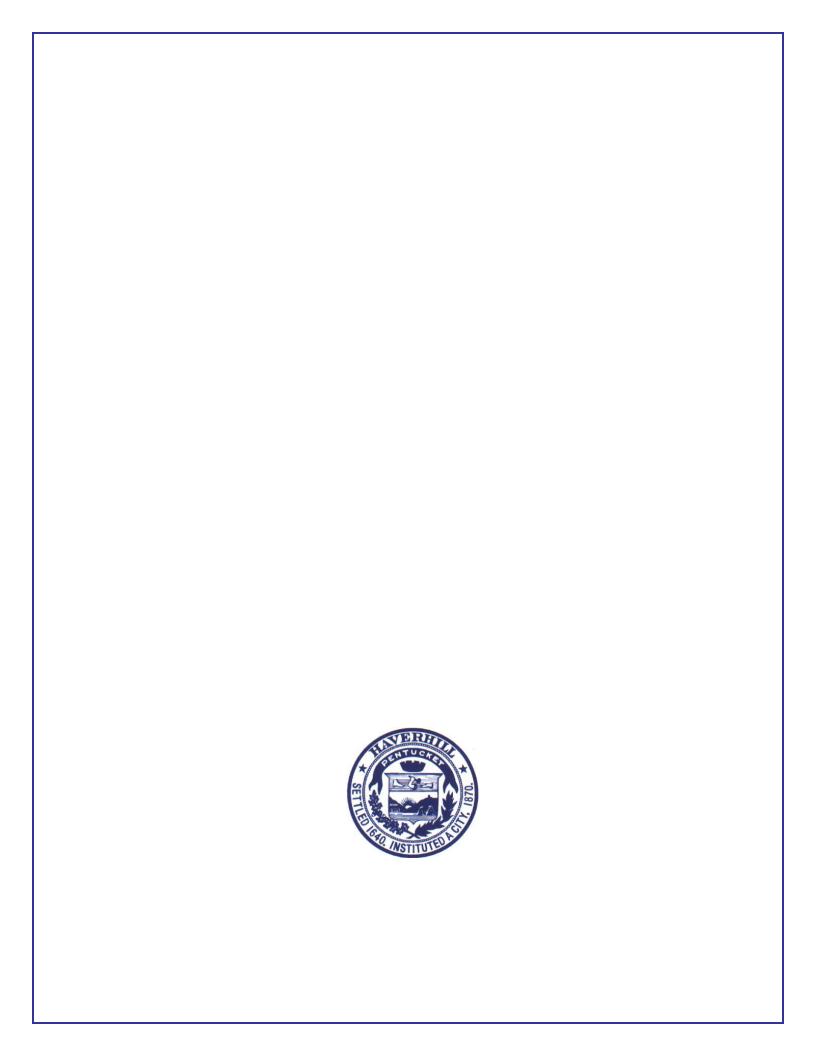
CMOM-RELATED ACTIVITIES THAT OCCURRED

DURING REPORTING PERIOD 7

(JULY THROUGH DECEMBER 2019)

Month	Project	Costs
	Equipment Maintenance	\$30
July	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$7,230
	Sewer & Drain Repairs, Replacement, and Materials	\$48,680
	Catch Basin Cleaning	\$20,800
	CMMS Software	\$11,400
	CSO Flow Metering	\$9,570
	Engineering Services for Sewer Rehab & Repair	\$860
	Pretreatment Local Limits	\$5,540
August	Pretreatment Sampling	\$2,100
	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$35,250
	Sewer & Drain Repairs, Replacement, and Materials	\$12,890
	Sewer Pump Station Generator Maintenance	\$3,070
	Street Sweeping	\$36,750
	CMMS Software	\$380
	CSO Flow Metering	\$4,790
	Easement Plan Review and Survey	
	Engineering Services for Sewer Rehab & Repair	\$3,130
September	Merrimack River Clean up	\$10,000
	MS4 Sampling,	\$2,630
	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$4,320
	Sewer Pump Station Operation & Maintenance	\$1,210
	Vehicle Repair maintenance	\$18,490

	CSO Flow Metering	\$4,790
	Engineering Services for Sewer Rehab & Repair	\$8,730
	MS4 Sampling,	\$240
	Pretreatment Local Limits	\$780
	Public Education	\$3,470
October	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$18,470
	Sewer & Drain Repairs, Replacement, and Materials	\$1,450
	Sewer Pump Station Generator Maintenance	\$240
	Sewer Pump Station Operation & Maintenance	\$890
	Street Sweeping	\$15,790
	Vehicle Repair maintenance	\$650
	CMMS Software	\$20,790
	CSO Flow Metering	\$4,790
	Engineering Services for Sewer Rehab & Repair	\$5,210
	Pretreatment Local Limits	\$140
November	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$15,040
	Sewer & Drain Repairs, Replacement, and Materials	\$4,120
	Sewer Pump Station Generator Maintenance	\$2,350
	Vehicle Repair maintenance	\$130
	CMMS Software	\$5,680
	CSO Flow Metering	\$4,790
	Engineering Services for Sewer Rehab & Repair	\$430
	Pretreatment Local Limits	\$280
December	Sewer & Drain Assessment, Inspection, Cleaning, and Maintenance	\$17,840
	Sewer & Drain Repairs, Replacement, and Materials	\$29,420
	Sewer Pump Station Operation & Maintenance	\$3,690
	Vehicle Repair maintenance	\$140
Total Spent	During Reporting Period	\$409,460





CITY OF HAVERHILL, MASSACHUSETTS NPDES PERMIT No. MA0101621 CONSENT DECREE

(Civil Action No. 16-11698-IT, 11/10/16)

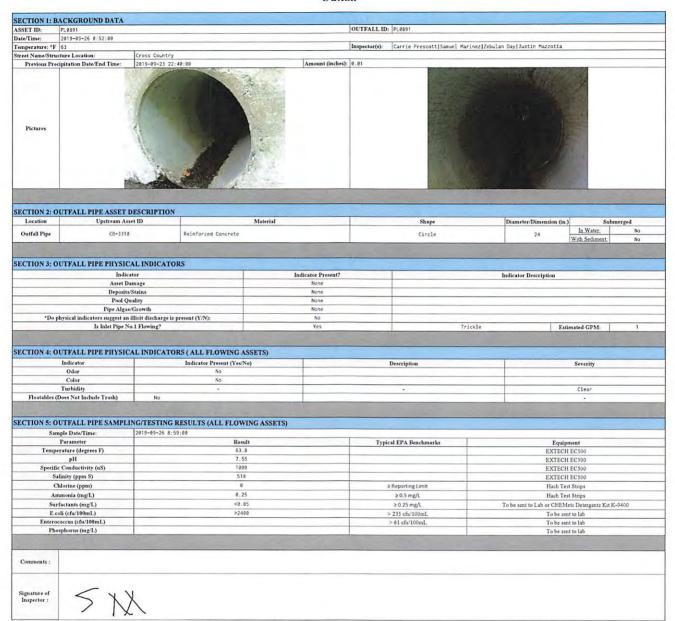
COMPLIANCE REPORT No. 7
JULY THROUGH DECEMBER 2019

APPENDICES

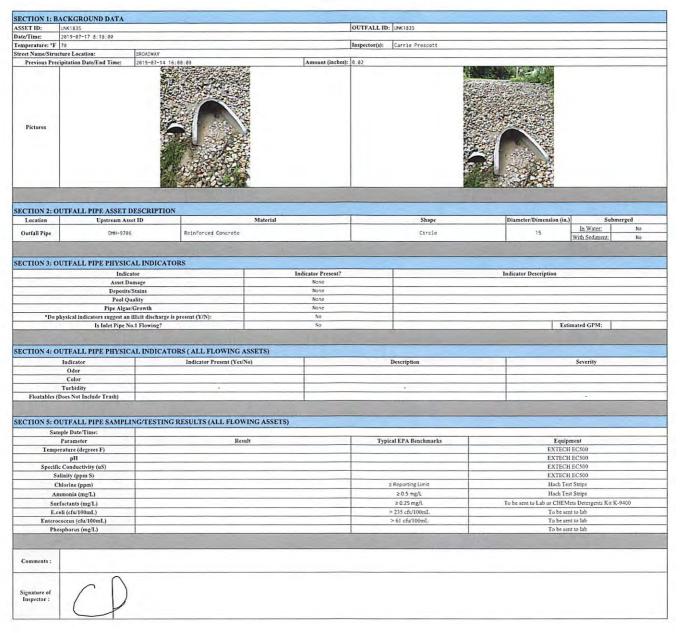
APRIL 2020

APPENDIX A

CMMS GENERATED WORK ORDERS – OUTFALL INSPECTIONS



SECTION 1: B	BACKGROUND DATA									
ASSET ID:	FB0723				OUTFALL ID:	FB0723				
Date/Time:	2019-07-31 9:29:00									
Temperature: °F	80				Inspector(s):	Carrie Prescott Erin McC	Guire			
Street Name/Stru		Cross Country								
Previous Pre	cipitation Date/End Time:	2019-07-23 10:4	5:00	Amount (inches):	1.2					
Pictures			6							
	OUTFALL PIPE ASSET D							las as		
Location	Upstream Asse	et ID		Material		Shape		Diameter/Dimension (in.)	Submerged	
Outfall Pipe	DMH-59		Reinforced Concrete			Circle		24	In Water; No With Sediment: No	
									With Seguirent 10	
SECTION 3: C	OUTFALL PIPE PHYSIC.	AL INDICATOR	IS							
	Indica	tor		Indicator Present?			-	Indicator Description		
	Asset Da			None						
	Deposits/			Flow Line						
	Pool Qu			None Green						
40.	Pipe Algae physical indicators suggest an		named (V/DI).	No No						
-De	Is Inlet Pipe No		resem (17.4):	Yes			Moderate	Esti	mated GPM; 3	
	13 tillet i spe i ve	2.1 Flowing.								
L. C.				-						
SECTION 4: C	OUTFALL PIPE PHYSIC.	AL INDICATOR			Live Control		1000			
-	Indicator		Indicator Present (Yes	No)		Description		Severity		
	Odor		No							
	Color		No				Class		Clase	
	Turbidity (Does Not Include Trash)	No	-			•		Clear		
Floatables	(Does Not Include 1 rash)	No			-					
						75-7				
	OUTFALL PIPE SAMPLI	NG/TESTING R	ESULTS (ALL FLOV	VING ASSETS)						
Sa	imple Date/Time:	2019-07-31 9:32			_					
	Parameter		Re		Typic	Typical EPA Benchmarks		Equipment EXTECH EC500		
Temp	perature (degrees F)		76 7.				-	EXTECH		
Specif	pH fic Conductivity (uS)		4					EXTECH		
	Salinity (ppm S)		2:					EXTECH		
	Chlorine (ppm)		4		2	Reporting Limit		Hach Tes	t Strips	
	Ammonia (mg/L)					≥ 0.5 mg/L	Hach T		t Strips	
	urfactants (mg/L)		<0	.05		≥ 0.25 mg/L		To be sent to Lab or CHEM	ets Detergents Kit K-9400	
	.coli (cfu/100mL)		8	5		- 235 cfw100mL	cfu/100mL		t to lab	
	ococcus (cfu/100mL)					> 61 cfu/100mL		To be sen		
Ph	hosphorus (mg/L)							To be sen	it to lab	
4										
Comments :										
Signature of Inspector :	C	R								



SECTION 1: B	BACKGROUND DATA										
ASSET ID:	UNK0848				OUTFALL ID:	UNK8848					
Date/Time:	2019-09-26 9:15:00										
Temperature: °F	75				Inspector(s):	Carrie Prescott Samuel	Marinez Zebula	n Day			
Street Name/Stru											
Previous Pre	ecipitation Date/End Time: 2019-09-11 15:	:00:00		Amount (inches):	0.02						
Pictures											
SECTION 2: C	OUTFALL PIPE ASSET DESCRIPTION										
Location	Upstream Asset ID		Material			Shape		Diameter/Dimension (in.)		Submerge	d
Outfall Pipe	unknown	Reinforced Concrete	· · · · · · · · · · · · · · · · · · ·			Circle		18	In Water: With Sedimen		No No
								-	with Sedimen	-	No
SECTION 3: C	OUTFALL PIPE PHYSICAL INDICATO	ORS									
	Indicator		1	ndicator Present?				Indicator Description			
	Asset Damage			None							
	Deposits/Stains			None None							
	Pool Quality			None None							
*n	Pipe Algae/Growth physical indicators suggest an illicit discharge is			None No							
-100	Is Inlet Pipe No.1 Flowing?	present (1/N):		No No				Estimated GPM:			
	ts intersperson rowing.				-			Esti	mateu Gr.M.		
SECTION 4: C	OUTFALL PIPE PHYSICAL INDICATO	RS (ALL FLOWING	ASSETS)								
	Indicator	Indicator Present (Yes/	The second secon			Description		1	Severity		
	Odor				Description				Serency		
	Color										
	Turbidity										
Floatables ((Does Not Include Trash)										
	OUTFALL PIPE SAMPLING/TESTING	RESULTS (ALL FLOV	VING ASSETS)								
Sar	mple Date/Time:					1884 B			157		
T	Parameter erature (degrees F)	Res	uit		Typic	al EPA Benchmarks		Equip			
Temp	pH						-	EXTECH EXTECH			
Specifi	ic Conductivity (uS)							EXTECH			
	alinity (ppm S)							EXTECH			
	Chlorine (ppm)				2	Reporting Limit		Hach Tes			
	mmonia (mg/L)					≥ 0.5 mg/L		Hach Tes			
	rfactants (mg/L)					≥ 0.25 mg/L		To be sent to Lab or CHEMe		Cit K-9400	
E.c	coli (cfu/100mL)					235 cfu/100mL	1	To be sen			
	ococcus (cfu/100mL)					> 61 cfu/100mL		To be sen			
Pho	osphorus (mg/L)							To be sen	t to lab		
									-		
Comments:											
Signature of Inspector :	SM										

SECTION 1: B	SACKGROUND DATA									
ASSET ID:	UNK1188				OUTFALL ID:	UNK1188				
Date/Time:	2019-07-16 9:29:00									
Temperature: °F		,			Inspector(s):	Carrie Prescott Evely	ynn Cousey			
Street Name/Strue		Cross Country			- I					
Previous Pred	cipitation Date/End Time:	2019-07-12 20:4	5:00	Amount (inche	s): 0.45					
Pictures										
SECTION 2: O	OUTFALL PIPE ASSET D	ESCRIPTION								
Location	Upstream Asso	et ID		Material		Shape		Diameter/Dimension (in.)	Submerged	
Outfall Pipe	C3-6070		Reinforced Concrete			Circle		36	In Water: Partial!	
									With Sediment: No	
	Library .									
SECTION 3: O	OUTFALL PIPE PHYSIC	AL INDICATOR	S							
	Indica	tor		Indicator Present?			1	ndicator Description		
	Asset Da			None						
	Deposits/			None						
	Pool Qu			None						
	Pipe Algae/				None					
*Do p	physical indicators suggest an i		esent (Y/N):	No Yes		Trickle		1		
	Is Inlet Pipe No	.1 Flowing?	-	Yes			Trickle	Estir	nated GPM: 2	
SECTION 4: O	OUTFALL PIPE PHYSICA	AL INDICATOR	S (ALL FLOWING A	SSETS)						
	Indicator		Indicator Present (Yes/			Description			Severity	
	Odor		No							
	Color		No							
	Turbidity							Clear		
Floatables (Does Not Include Trash)	No							•	
SECTION 5: O	OUTFALL PIPE SAMPLI	NG/TESTING R	ESULTS (ALL FLOY	ING ASSETS)						
	mple Date/Time:	2019-07-16 9:30								
-	Parameter		Res	ılt	Typic	l EPA Benchmarks		Equipn	ent	
Tempe	erature (degrees F)		73					EXTECH		
	pH		7.4	8				EXTECH		
	ic Conductivity (uS)		85					EXTECH	EC500	
Sa	alinity (ppm S)		46					EXTECH	EC500	
C	Chlorine (ppm)		0		2	Reporting Limit		Hach Test	Strips	
	mmonia (mg/L)		θ.			≥ 0.5 mg/L		Hach Test	Strips	
	rfactants (mg/L)		<0.			≥ 0.25 mg/L	7	To be sent to Lab or CHEMe		
	coli (cfu/100mL)		778	.1		235 cfu/100mL		To be sent		
	coccus (cfu/100mL)					61 cfu/100mL		To be sent		
Pho	osphorus (mg/L)	1						To be sent	to lab	
Comments:										
Signature of Inspector:	(F)								

SECTION 1: B	BACKGROUND DATA			_			3.99
ASSET ID:	LR39512			OUTFALL ID	: LR39512		
Date/Time:	2019-07-31 9:04			Incompany to	Touris assessment of the		
Temperature: °F	80	coass colarmy		Inspector(s):	Carrie Prescott Erin McG	oute	-
Street Name/Stru	ecipitation Date/End Time:	CROSS COUNTRY 2019-07-23 10:45:00	Amount (inches)	1 2			
Pictures	Spirito Date Zile Tim.						
				1			
SECTION 2: C	OUTFALL PIPE ASSET	DESCRIPTION					
Location	Upstream A		Material		Shape	Diameter/Dimension (in.) Submerged	
		Other	Barrel block		Square	in Water: No	
Outfall Pipe		Other	parter block		squar e	With Sediment: No	
							- 1
SECTION 3: C	OUTFALL PIPE PHYSIC	CARL STREET, S					
		cator Damage	Indicator Present?			Indicator Description	
		ts/Stains	None				
		Quality	None				
		ne/Growth	None				
*Do		n illicit discharge is present (Y/N):	No				
	Is Inlet Pipe !	No.1 Flowing?	No			Estimated GPM:	-
							101
SECTION 4: O		CAL INDICATORS (ALL FLOWING					
	Indicator	Indicator Present (Yes	/No)		Description	Severity	
	Odor						_
	Color Turbidity						_
Floatables	(Does Not Include Trash)						
Figatables	(Does (vot include 1145b)			1 E 3 F 1			8 956
					All the second	The state of the s	100
SECTION 5: 0	OUTFALL PIPE SAMPI	LING/TESTING RESULTS (ALL FLO	WING ASSETS)				
Sa	ample Date/Time:			-			
-	Parameter	Re	sult	Тур	ical EPA Benchmarks	Equipment EXTECH EC500	_
Temp	perature (degrees F) pH			-		EXTECH EC500	_
Specif	fic Conductivity (uS)					EXTECH EC500	
	Salinity (ppm S)					EXTECH EC500	
	Chlorine (ppm)				≥ Reporting Limit	Hach Test Strips	
A	Ammonia (mg/L)				≥ 0.5 mg/L	Hach Test Strips	
	arfactants (mg/L)				≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400	
	.coli (cfu/100mL)				> 235 cfu/100mL	To be sent to lab	
	ococcus (cfu/100mL)				>61 cfu/100mL	To be sent to lab	
Ph	hosphorus (mg/L)			A TIME		To be sent to lab	-
Comments :					Hallai		
Signature of Inspector :	C	7					



APPENDIX B

CMMS GENERATED WORK ORDERS – OUTFALL INVESTIGATIONS

SET ID:	PL1222				OUTFALL II): PL1222			
te/Time:	2019-08-21 7:37:00				1		rtado Samuel Marinez Zebula	2 12 1	
mperature: °F	66				Inspector(s):	Beckworth Erin McGuire Eve	rtadojsatuel marinezjzebula elynn Cousey	in Daylberek	
reet Name/Stru		Cross Country							
Previous Pre	ecipitation Date/End Time:	2019-08-18 22:1	15:00	Amount (inches): 0.37				
Pictures									
	OUTFALL PIPE ASSET DE					61	Disaste Disaste	arian Ga N	Submarad
Location	Upstream Asset	ID		Material		Shape	Diameter/Dime	nsion (in.)	Submerged III No
Outfall Pipe	DMH-5693		Reinforced Concrete			Circle	43	With Sedin	
									_
CTION 3: C	OUTFALL PIPE PHYSICAL	The second second	RS						
	Indicato			Indicator Present?			Indicator Descri	ption	
	Asset Dam Deposits/St			None					
	Pool Qual			None					
	Pipe Algae/G			None					
*Do	physical indicators suggest an illi		resent (Y/N):	No				2,	
	Is Inlet Pipe No.1	Flowing?		Yes		Mox	derate	Estimated GPN	d: 10
ECTION 4: C	OUTFALL PIPE PHYSICAI Indicator Odor Color		Indicator Present (Ye No Yes	ASSETS)	Clear	Description	derate	Severity Faint	
	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity	L INDICATOR	Indicator Present (Ye	ASSETS)	Clear		derate	Severity	
	OUTFALL PIPE PHYSICAI Indicator Odor Color		Indicator Present (Ye No Yes	ASSETS)	Clear	Description	derate	Severity Faint Slight Cloud	
Floatables	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash)	L INDICATOR	Indicator Present (Ye	ASSETS) //No)	Clear	Description	derate	Severity Faint Slight Cloud	
Floatables	DUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLING	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes	ASSETS) //No)	Clear	Description	derate	Severity Faint Slight Cloud	
Floatables	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN umple Date/Time:	L INDICATOR	Indicator Present (Ve No Yes	ASSETS) VNo) WING ASSETS)		Description	derate	Severity Faint Slight Cloud	
Floatables CCTION 5: C	DUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) DUTFALL PIPE SAMPLIN imple Date/Time: Parameter	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes - RESULTS (ALL FLO	ASSETS) WING ASSETS)		Description	derate	Severity Faint Slight Cloud	
Floatables ECTION 5: C	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Dato/Time: Parameter perature (degrees F)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes RESULTS (ALL FLO 5:80 R 6	ASSETS) VNo) WING ASSETS)		Description	derate	Severity Faint Slight Cloud	
Floatables ECTION 5: C Sa Temp	DUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) DUTFALL PIPE SAMPLIN imple Date/Time: Parameter	L INDICATOR No G/TESTING F	Indicator Present (Ye	ASSETS) WING ASSETS) switt 9. 2 .41 .41 .45		Description	derate	Severity Faint Slight Cloud Slight Cloud Equipment EXTECH ECS00 EXTECH ECS00	
Floatables ECTION 5: C Sa Temp Specif	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter Perature (degrees F) pII file Conductivity (uS) Salinity (pm S)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes RESULTS (ALL FLO 5: 80 R 6 7 7	ASSETS) WING ASSETS) soult 9, 2 41 41 45 110	Тур	Description	derate	Severity Faint Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500	
Floatables ECTION 5: C Sa Temp Specif	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter perature (degrees F) pil file Conductivity (uS) Salinity (ppm S) Chlorine (ppm)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes - RESULTS (ALL FLO 5: 20 R 6 7 6	ASSETS) WING ASSETS) wing ASSETS) 2 4.41 45 5 100 6	Тур	Description ofical EPA Benchmarks ≥ Reporting Limit	derate	Severity Faint Slight Cloud Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips	
Floatables ECTION 5: C Sa Temp Speciff S A	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter Parameter pill file Conductivity (uS) Sallnity (ppm S) Collorine (ppm) Immonia (mg/L)	L INDICATOR No G/TESTING F	Indicator Present (Ye	ASSETS) WING ASSETS) wulk 9, 2, 4, 41 445 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Тур	Description Description Description Description Description Description Description Description Description Description		Severity Faint Slight Cloud Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500	iness
Floatables Sa Temp Specif	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter Perature (degrees F) pil file Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Aumonia (mg/L) urfactenate (mg/L)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes RESULTS (ALL FLO 5: 80 R. 6 6 7 7	ASSETS) WING ASSETS) ***unit* 9, 2 4, 41 45 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Тур	Description Description Each EpA Benchmarks Reporting timit 2.0.5 mg/L 2.0.25 mg/L		Severity Faint Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hash Test Surja Hach Test Surja or CHEMets Detergen	iness
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Floatables ECTION 5: 6 Sa Temp Specifi S G A Su Enter-	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter perature (degrees F) pII file Conductivity (uS) Sallnity (ppm S) Collorine (ppm) Immonia (mg/L) Infactants (mg/L) .coli (cfu/100mL)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes RESULTS (ALL FLO 5: 80 R. 6 6 7 7	ASSETS) WING ASSETS) ***unit* 9, 2 4, 41 45 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Тур	Description bited EPA Benchmarks ≥ Reporting Limit ≥ 0.25 mg/L > 2.25 cfu/100mL		Severity Faint Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 extent Company factor for the company factor for the company for CHEMets Deterger To be sent to lab	iness
Floatables ECTION 5: C Sa Temp Specifi S A Su Su E Enter	OUTFALL PIPE PHYSICAI Indicator Odor Color Turbidity (Does Not Include Trash) OUTFALL PIPE SAMPLIN Imple Date/Time: Parameter perature (degrees F) pII file Conductivity (uS) Sallnity (ppm S) Collorine (ppm) Immonia (mg/L) Infactants (mg/L) .coli (cfu/100mL)	L INDICATOR No G/TESTING F	Indicator Present (Ye No Yes RESULTS (ALL FLO 5: 80 R. 6 6 7 7	ASSETS) WING ASSETS) ***unit* 9, 2 4, 41 45 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Тур	Description bited EPA Benchmarks ≥ Reporting Limit ≥ 0.25 mg/L > 2.25 cfu/100mL		Severity Faint Slight Cloud Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 extent Company factor for the company factor for the company for CHEMets Deterger To be sent to lab	iness
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Haverhill IDDE Inspection Form Drain Manhole

SSET ID:	ACKGROUND DATA			To the second	lot	TFALL ID:					
	2019-08-21 7:43:00										
	77				Ins	pector(s):	arrie Prescott Andres Ho losario Erin McGuire Eve	rtado Samuel Mar	inez Zebulan Day	[Pedro	
mperature: °F reet Name/Struc		Cross Countty			1	1		,,,,,			
	cipitation Date/End Time:	2019-08-18 22:15:00			Amount (inches): 0.	37				LITT COMM	
Pictures								ļ	ell		
		A PROPERTY OF THE		04(0/2/08/07/20					5000		
ECTION 2: O	OUTLET PIPE ASSET DE	SCRIPTION									
Location	DMH Interior Co			Material			Shape	Diameter/	Dimension (in.)		merged
MH Outlet Pipe			Reinforced				Circle		48		artially
Junet ripe	Excellent		meaning cec						W. 1	With Sediment: N	lo
ECTION 14	INLET PIPE NO. 1 ASSE	T DESCRIPTION				"		HANNIE TO			
Location	Upstream Asset ID	Mate	rial	Clock Postion (Outl	et Pine at 6:00)		Shape	ni	meter/Dimension	(in.) Sub	merged
Transported to		Reinforced			The meson			D.	30	In Water:	No
Inlet Pipe No. 1	DMH-538	Concrete		9:00			Circle		30	With Sediment:	No
ECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATOR	RS								
	Indica			Ind	icator Present?			Indi	cator Description		
	Asset Da Deposits/				None						
	Pool Qu				None						
	Pipe Algae/	Growth			None						
*Do p	physical indicators suggest an i		nt (Y/N):		No. Yes			oderate		Estimated GPM:	10
PCTION 21	Is Inlet Pipe No.		OS / ALL PLONG	NC ASSETS	162		М	net and		Estimated GPM:	10
ECTION 3A:	INLET PIPE NO. 1 PHYS		CONTRACTOR OF THE PARTY OF THE				escription	-		Severity	
	Indicator	Ir	dicator Present (Yes	(10)		D	escription			severity	
	Color		No								
	Turbidity (Does Not Include Trash)	No					760 - 5			Clear	
	mple Date/Time: Parameter perature (degrees F) pH	2019-08-21 7:50:00	Re: 68			Typica	EPA Benchmarks		EXT	uipment ECH EC500 ECH EC500	
Specific	ic Conductivity (uS)		5							ECH EC500	
	alinity (ppm S)			52						ECH EC500	
	Chlorine (ppm)			0		21	teporting Limit			Test Strips	
	mmonia (mg/L) rfactants (mg/L)	-		.05			≥ 0.5 mg/L ≥ 0.25 mg/L	Tol		EMets Detergents Kit	K-9400
	coli (cfu/100mL)		68				235 cfu/100mL		Tob	e sent to lab	
Entero	ococcus (cfu/100mL)						61 cfu/100mL		Tob	e sent to lab	
Pho	osphorus (mg/L)								Tob	e sent to lab	
ECTION 2P.	INLET PIPE NO. 2 ASSE	T DESCRIPTION									
ECTION SB:	The same of the sa	Mate	vrial	Clock Postion (Out)	et Pine at 6:00)		Shape	ni	ameter/Dimension	(in.) Sub	merged
Location	Unstream Asset ID		a and	Circa - Usubii (Olli)			vadpe	D.	12	In Water:	No
Location	Upstream Asset ID	Reinforced					Circle				No
Inlet Pipe No. 2	CB-7356	Concrete		3:00			Circle		12	With Sediment:	
Inlet Pipe No. 2		Concrete	RS	3:00			Circle		12	With Sediment:	
Inlet Pipe No. 2	CB-7356 INLET PIPE NO. 2 PHYS Indica	Concrete SICAL INDICATOR tor	RS .		licator Present?		Circle	Indi	cator Description	With Sediment:	
Inlet Pipe No. 2	C8-7356 INLET PIPE NO. 2 PHYS Indica Asset Da	Concrete SICAL INDICATOR tor mage	RS		licator Present?		Circle	Indi	cator Description	With Sediment:	
Inlet Pipe No. 2	CB-7356 INLET PIPE NO. 2 PHYS Indica	Concrete SICAL INDICATOR tor mage Stains	RS		licator Present?	7	Circle	Indi	cator Description	With Sediment:	
Inlet Pipe No. 2	CB-7356 INLET PIPE NO. 2 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae/	Concrete SICAL INDICATOR tor mage Stains ality Growth			None None None None	72.5	Circle	Indi	cator Description	With Sediment:	
Inlet Pipe No. 2	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an	Concrete SICAL INDICATOR tor mage Stains ality Growth Ilicit discharge is prese			None None None None None		Circle	Indi	cator Description		
Inlet Pipe No. 2 ECTION 3B: *Do p	CB-7356 INLET PIPE NO. 2 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an it	Concrete SICAL INDICATOR tor mage Stains ality Growth Ilicit discharge is prese 22 Flowing?	nt (Y/N):	Ind	None None None None		Circle	Indi	cator Description	With Sediment:	
Inlet Pipe No. 2 ECTION 3B: *Do p	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an	Concrete SICAL INDICATOR tor mage Stains ality Growth Blieft discharge is prese 2 Flowing? SICAL INDICATOR	nt (Y/N):	Inc	None None None None None	В	Circle	Indi	cator Description		
Inlet Pipe No. 2 ECTION 3B: *Do p	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an Intel Pipe No. 2 PHY: Indicator Odor	Concrete SICAL INDICATOR tor mage Stains ality Growth Blieft discharge is prese 2 Flowing? SICAL INDICATOR	nt (V/N):	Inc	None None None None None	В		Indi	cator Description	Estimated GPM:	
Inlet Pipe No. 2 ECTION 3B: *Do p	CB-7356 INLET PIPE NO. 2 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor Color	Concrete SICAL INDICATOR tor mage Stains ality Growth Blieft discharge is prese 2 Flowing? SICAL INDICATOR	nt (Y/N): RS (ALL FLOWI ndicator Present (Yes	Inc	None None None None None	B	escription	Indi	cator Description	Estimated GPM:	
*Do p	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits, Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe NO. 2 PHY: Indicator Oder Color Turbidity	Concrete SICAL INDICATOR tor mage Stains ality Growth Blieft discharge is prese 2 Flowing? SICAL INDICATOR	nt (V/N):	Inc	None None None None None	D		Indi	cator Description	Estimated GPM:	
*Do p ECTION 3B: *Do p ECTION 3B:	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits, Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	at (V/N): RS (ALL FLOWI dicator Present (Yes	Incompany Incomp	None None None None None	D	escription	Indi	cator Description	Estimated GPM: Severity	
*Do p ECTION 3B: *Do p ECTION 3B:	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits, Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe NO. 2 PHY: Indicator Oder Color Turbidity	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	at (V/N): RS (ALL FLOWI dicator Present (Yes	Incompany Incomp	None None None None None	D	escription	Indi	cator Description	Estimated GPM: Severity	
*Do p ECTION 3B: *Do p Floatables (ECTION 3B: Floatables (San	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	Inc	None None None None None		escription	Indi	cator Description	Estimated GPM: Severity	
*Do p ECTION 3B: *Do p Floatables (ECTION 3B: Floatables (San	CB-7356 INLET PIPE NO. 2 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an in Is inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter perature (degrees F)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None		escription	Indi	Ed	Estimated GPM: Severity Severity Julipment ECH EC500	
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Inlet Pipe No. 2 Inlet	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM miple Date/Time: Parameter Parameter Perature (degrees F) pH fit Conductivity (uS)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica	escription . IEPA Benchmarks	Indi	EXT	Severity Severity guipment ECH EC500 ECH EC500	
Inlet Pipe No. 2 *Do p *Do p Floatables (SECTION 3B: Floatables (SECTION 3B: Sam Temppes Specific	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deponits/ Pool Qu Pipe Algae/ physical indicators suggest an in Is inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter Perature (degrees F) pH R Conductivity (uS) Salinity (ppm S)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica	escription I EPA Benchmarks	Indi	EAT EXT	Severity Severity Severity Quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500	
Inlet Pipe No. 2 ECTION 3B: *Do p ECTION 3B: Floatables (ECTION 3B: San Tempp Specifi Si C C	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits, Pool Qu Pipe Algae physical indicators suggest an is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) ENLET PIPE NO. 2 SAM mple Date/Time: Parameter Derature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica	escription . IEPA Benchmarks	Indi	Ed EXT EXT EXT Had	Severity Severity guipment ECH EC500 ECH EC500	
*Do p *Do p *ECTION 3B: *Do p SECTION 3B: Floatables (SECTION 3B: San Temps Specifi Si C Ar	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deponits/ Pool Qu Pipe Algae/ physical indicators suggest an in Is inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter Perature (degrees F) pH R Conductivity (uS) Salinity (ppm S)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica 21	escription I EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L 2.0.25 mg/L	Indi	EXT EXT EXT Hade	Severity Severity Severity Quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips IEMSTORES EMSTORES	K-9400
*Do p SECTION 3B: *Do p SECTION 3B: Floatables (SECTION 3B: San Tempi Specifi Si C Ar Su E.e.	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) (Does Not Include Trash) Pool Qu Pipe Algae' Parameter Parameter Parameter Parameter Parameter Parameter Pool Qu Pipe No. 2 SAM Pipe Date/Time: Parameter Parameter Pool Qu Pipe No. 2 SAM Pipe Conductivity (uS) Sainlinty (ppm S) Chlorine (ppm)mmonla (mg/L)mmonla (mg/L)minotatants (mg/L)coli (cfu/100mL)	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica 21 21	escription I EPA Benchmarks Reporting Limit Reporting Limit Reporting Limit 20.5 mg/L 20.25 mg/L 235 cfur 100mL	Indi	Ed EXT EXT Hada Hacket Lab or Ch	Severity Severity Severity GUIDMENT SEVERITY SEVERIT	K-9400
Inlet Pipe No. 2 *Do p *Do p *ECTION 3B: Floatables (*ECTION 3B: San Tempel Specifi Si C At Su E.e. Entercompanies of the second secon	CB-7356 INLET PIPE NO. 2 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae/ Physical indicators suggest an is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter Derature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Chlorine (ppm) Incompany (up file of particular properties) Chlorine (ppm) Incompany (up file of particular properties) Chlorine (ppm) Incompany (up file of particular properties) Incompany (up file of particular properties) Chlorine (up file of particular properties) Incompany (up	Concrete SICAL INDICATO tor mage Stains ality Growth High discharge is prese 2. Flowing? SICAL INDICATO	nt (V/N): RS (ALL FLOW!) dicator Present (Ves	NG ASSETS) (No) LOWING ASSETS)	None None None None None	Typica 21 21	escription I EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L 2.0.25 mg/L	Indi	EAT EXT EXT Hade be sent to Lab or Ch	Severity Severity Severity Quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips IEMSTORES EMSTORES	K-9400

SECTION 3C:	INLET PIPE NO. 3 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
let Pipe No. 3	Unknown	PVC	4:00	Circle	4 In Water: No With Sediment: No
CTION 3C:	INLET PIPE NO. 3 PHYS	SICAL INDICATORS	Version and the second		J. Line Deministra
	Indicat	COLUMN THE PROPERTY OF	Indicator Present?		Indicator Description
	Asset Dan	mage	None		
	Deposits/S		None		
	Pool Qua Pipe Algae/G		None None		
*Do p		llicit discharge is present (Y/N):	No		
	Is Inlet Pipe No.		No		Estimated GPM:
CTION 3C:	INLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLOW)	ING ASSETS)		
	Indicator	Indicator Present (Yes	s/No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables ((Does Not Include Trash)				
CTION 3C:	INLET PIPE NO. 3 SAMI	PLING/TESTING RESULTS (ALL I	FLOWING ASSETS)		
San	mple Date/Time;				
	Parameter	Re	esult	Typical EPA Benchmarks	Equipment
Tempe	perature (degrees F)				EXTECH EC500 EXTECH EC500
Specifi	pH fic Conductivity (uS)				EXTECH EC500
	Salinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
Ar	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)			> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab
	ococcus (cfu/100mL)			- or constroints	To be sent to lab
CTION 3D:	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
et Pipe No. 4					In Water:
CTION IN	DULET DIDE NO CRITICA	SIGHT DIDICATIONS			With Sediment:
CTION 3D:	INLET PIPE NO. 4 PHYS		Indicator Present?		Indicator Description
	Indicat Asset Dar		Indicator Present?		indicator Description
	Deposits/S				
	Pool Qua				
40	Pipe Algae/	Growth Illicit discharge is present (Y/N):			
-100	Is Inlet Pipe No.				Estimated GPM:
CTION 3D:	The second secon	SICAL INDICATORS (ALL FLOW	ING ASSETS)		
	Indicator	Indicator Present (Ye		Description	Severity
	Odor				
	Color				
PH	Turbidity	-		*	
	(Does Not Include Trash)	BUILDING PROTECTION	ET OWING A COPTE		
		PLING/TESTING RESULTS (ALL I	LOWING ASSETS)		
Sat	mple Date/Time:	R	esult	Typical EPA Benchmarks	Equipment
Temp	perature (degrees F)				EXTECH EC500
	pH				EXTECH EC500
	fic Conductivity (uS) Salinity (ppm S)				EXTECH EC500 EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	urfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	.coli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	ococcus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab To be sent to lab
rne	nosphorus (mg/L)				TO be sent to lad
CTION 3E	INLET PIPE NO. 5 ASSE	T DESCRIPTION		Description of the second	THE RESIDENCE OF THE PARTY OF T
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
let Pipe No. 5					In Water:
					With Sediment.
CTION 3E:	INLET PIPE NO. 5 PHYS				the second secon
	Indicat		Indicator Present?		Indicator Description
	Asset Date Deposits/5		-		
	Pool Qu				
	Pipe Algae/	Growth			
*Do j	physical indicators suggest an i Is Inlet Pipe No	illicit discharge is present (Y/N):	1		Estimated GPM:
CTION 3F.		SICAL INDICATORS (ALL FLOW	ING ASSETS)		Leanness OLAL
- HOLISE!	Indicator	Indicator Present (Ye		Description	Severity
	Odor	indicator Trestal (16			
	Color				
Ele	Turbidity (Dear Not Include Treeb)				
	(Does Not Include Trash)	DI INCATESTING PERM TO ALL	ELOWING ASSETS		
COLUMN TO SERVICE	CONTRACTOR OF THE PARTY OF THE	PLING/TESTING RESULTS (ALL I	LOWING ASSETS)		
Sai	ample Date/Time: Parameter	R	lesult	Typical EPA Benchmarks	Equipment
	perature (degrees F)	*			EXTECH EC500
Temp	рН				EXTECH EC500
					EXTECH ECS00
Specifi	fic Conductivity (uS)				EXTECH EC500
Specifi S	Salinity (ppm S)			> Reporting Limit	
Specifi S.	Salinity (ppm S) Chlorine (ppm)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
Specifi Si C	Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Specifi S. C An Sur E.s	Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L) .coli (cfu/100mL)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
Specific S. C. A. Sur E. c. Entero	Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	
Inlet Pipe No. 6						In Water:
Inlet Pipe No. 6						With Sediment:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICA	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Grow					
*Do ph	ysical indicators suggest an illicit o					
	Is Inlet Pipe No.6 Flo	wing?	A STATE OF THE PARTY OF THE PAR		Esti	mated GPM:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FLO	OWING ASSETS)			
	Indicator	Indicator Present	t (Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
	oes Not Include Trash)					
Floatables (De		G/TESTING RESULTS (AL	LL FLOWING ASSETS)			,
Floatables (De SECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time:	G/TESTING RESULTS (AL				
Floatables (De SECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: Parameter	G/TESTING RESULTS (AL	LL FLOWING ASSETS) Result	Typical EPA Benchmarks	Equip	ment
Floatables (De SECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: Parameter ature (degrees F)	G/TESTING RESULTS (AL		Typical EPA Benchmarks	EXTECH	ment I EC500
Floatables (Do SECTION 3F: IN Samp F Temper	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: Parameter ature (degrees F) pH	G/TESTING RESULTS (AI		Typical EPA Benchmarks	EXTECH EXTECH	ment I EC500 I EC500
Floatables (De SECTION 3F: IN Samp F Temper	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN Die Date/Time: Parameter ature (degrees F) pH Conductivity (uS)	G/TESTING RESULTS (AI		Typical EPA Benchmarks	EXTECH EXTECH EXTECH	ment EC500 EC500 EC500
Floatables (Do SECTION 3F: IN Samp F Temper: Specific Sali	oes Not Include Trash) NEET PIPE NO. 6 SAMPLIN ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S)	IG/TESTING RESULTS (AI			EXTECH EXTECH EXTECH EXTECH	ment EC500 EC500 EC500
Floatables (Do SECTION 3F: IN Samp F Temper: Specific of Salin Chl	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN Parameter ature (degrees F) pH Conductivity (uS) Inity (ppm S) lorine (ppm)	ig/testing results (AI		≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Ter	ment IEC500 IEC500 IEC500 IEC500 IEC500 tt Strips
Floatables (De SECTION 3F: IN Samp F Temper: Specific of Sali Chl	oes Not Include Trash) VLET PIPE NO. 6 SAMPLIN oble Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) lotine (ppm) monia (mg/L)	IG/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tel Hach Tel	ment 1 EC500 1 EC500 1 EC500 1 EC500 1 EC500 8 Strips
Floatables (De SECTION 3F: IN Samp F Temper Specific (Salii Chi	oes Not Include Trash) NET PIPE NO. 6 SAMPLIN De Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)	IG/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Te To be sent to Lab or CHEM	meot LEC500 LEC500 LEC500 LEC500 tEC500 t Strips st Strips ets Detergents Kit K-9400
Floatables (De SECTION 3F: IN Samp F Temper Specific Sali Chi Amm Surfa	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN Die Date/Time: Parameter ature (degrees F) pH Conductivity (uS) Inity (ppm S) Iorine (ppm) monia (mg/L) actants (mg/L) ii (cfw/100mL)	ig/testing results (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH Hach Te Hach Te To be sent to Lab or CHEM To be sent to Lab	ment LECS00 LECS00 LECS00 LECS00 LECS00 tt Strips 1 Strips 1 Strips tt ol bb Tetragents Kit K-9400 tt to lab
Floatables (De SECTION 3F: IN Samp F Temper Specific Sali Chi Amr Surfa E.cel	oes Not Include Trash) NET PIPE NO. 6 SAMPLIN De Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)	IG/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Te To be sent to Lab or CHEM	meet 1 EC500 1 EC500 1 EC500 1 EC500 1 EC500 1 EC500 1 Strips 1 Strips 1 Strips 1 Strips 1 Uo Lab 1 to Lab 1 to Lab

Haverhill IDDE Inspection Form Drain Manhole

	CKGROUND DATA			Ot	TFALL ID:				
	2019-08-21 8:00:00							10 1	
emperature: °F 7				In	Carrie Prescott Andre Beckworth Erin McGuir	e Evelynn Cousey	nez [Zebulan Day	/ Derek	
Previous Precin	ure Location: pitation Date/End Time:	NORTH AVE 2019-08-18 22:15:00		Amount (inches): 0.	37				
Pictures									
ECTION 2: OU	UTLET PIPE ASSET DE	SCRIPTION							
Location	DMH Interior Co		Material		Shape	Diameter/I	imension (in.)		merged
MH Outlet Pipe	Poor		Reinforced Concrete		Circle		48	In Water: N	
The same								Trial Seament	
	NLET PIPE NO. 1 ASSE	The state of the s						a al	
Location	Upstream Asset ID	Material Reinforced		Outlet Pipe at 6:00)	Shape	Dia	meter/Dimension	(in.) Sub	merged No
Inlet Pipe No. 1	CB-7355	Concrete	1	2:00	Circle		48	With Sediment:	No
ECTION 3A; II	NLET PIPE NO. 1 PHYS								
	Indicat Asset Dat			Indicator Present?		Indic	ator Description		
	Asset Dar Deposits/S			None					
	Pool Qu	dity		None					
*Do nh	Pipe Algae/	Growth licit discharge is present (Y/N):		None No					_
-Do pa	Is Inlet Pipe No			Yes		Moderate		Estimated GPM:	10
ECTION 3A: II	NLET PIPE NO. 1 PHYS	ICAL INDICATORS (AL							
	Indicator	Indicator I	Present (Yes/No)		Description			Severity	
	Odor Color		No No						
	Turbidity							Clear	
	Does Not Include Trash)	No	CO CALL PROMPTION ACCEPT	nes			_	-	
	ple Date/Time:	2019-08-21 8:00:00	S (ALL FLOWING ASSET	(8)					
	Parameter	2015 00 21 0100100	Result		Typical EPA Benchmarks			quipment	
Temper	rature (degrees F)		70.5					ECH EC500 ECH EC500	
Specific	pH Conductivity (uS)		7.18 355					ECH EC500	
	linity (ppm S)		181					ECH EC500	
	nlorine (ppm)		0		≥ Reporting Limit			h Test Strips	
	monia (mg/L)		0.5 <0.05		≥ 0.5 mg/L ≥ 0.25 mg/L	Tob		h Test Strips HEMets Detergents Kit l	K-9400
	factants (mg/L) oli (cfu/100mL)		<1		> 235 cfu/100mL	100		be sent to lab	K-2,100
Enteroce	occus (cfu/100mL)				> 61 cfu/100mL			e sent to lab	
Phos	sphorus (mg/L)						Tob	e sent to lab	
ECTION 3B: I	NLET PIPE NO. 2 ASSE	T DESCRIPTION				The second			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Dia	meter/Dimension	(in.) Sub	merged
Inlet Pipe No. 2	DMH-8495	PVC		3:00	Circle		8	In Water;	No No
		TOAT PURICATORS						With Sediment:	NO
ECTION 3B: I	NLET PIPE NO. 2 PHYS			Indicator Present?		India	ator Description		
				None		- 300			
	Asset Da								
	Deposits/	Stains		None					
	Deposits/: Pool Qu	Stains ality							
*Do pl	Deposits/! Pool Qu Pipe Algae/ bysical indicators suggest an i	Stains ality Growth Ilicit discharge is present (Y/N):		None None None					
	Deposits/ Pool Qu Pipe Algae/ bysical indicators suggest an i Is Inlet Pipe No	Stains ality Growth Ilicit discharge is present (Y/N): -2 Flowing?		None None		Moderate		Estimated GPM:	10
ECTION 3B: I	Deposits/ Pool Qu Pipe Algae/ hysical indicators suggest an i Is Inlet Pipe No INLET PIPE NO. 2 PHYS	Stains ality Growth Ilicit discharge is present (Y/N): 2 Flowing? SICAL INDICATORS (AL	L FLOWING ASSETS)	None None None	Description	Moderate			10
ECTION 3B: I	Deposits.' Pool Qu Pipe Algae' hysical indicators suggest an i Is Inlet Pipe NO. 2 PHYS Indicator Odor	Stains ality Growth Ilicit discharge is present (Y/N): 2 Flowing? SICAL INDICATORS (AL	L FLOWING ASSETS) Present (Yes/No) No	None None None	Description	Moderate		Estimated GPM: Severity	10
ECTION 3B: I	Deposits." Pool Qu Pipe Algae/ hysical indicators suggest an Is Inlet Pipe No NLET PIPE NO. 2 PHYS Indicator Odor Color	Stains ality Growth Ilicit discharge is present (Y/N): 2 Flowing? SICAL INDICATORS (AL	L FLOWING ASSETS) Present (Yes/No) No	None None None	Description	Moderate		Severity	10
ECTION 3B: I	Deposits.' Pool Qu Pipe Algae' hysical indicators suggest an i Is Inlet Pipe NO. 2 PHYS Indicator Odor	Stains ality Growth Ilicit discharge is present (Y/N): 2 Flowing? SICAL INDICATORS (AL	L FLOWING ASSETS) Present (Yes/No) No	None None None		Moderate			10
ECTION 3B; I	Deposits." Pool Qu Pipe Algac's hysical indicators suggest an i Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No	None None None No Yes		Moderate		Severity Clear	10
Floatables (D ECTION 3B: I Sam	Deposits." Pool Qu Pipe Algaeth hysical indicators suggest an i Is Inict Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time:	stains ality Growth Hieli discharge is present (V/N): 2 Flowing? SICAL INDICATORS (AL Indicator i	L FLOWING ASSETS) Present (Yes/No) No No No TS (ALL FLOWING ASSET)	None None None No Yes	·	Moderate		Severity	10
Floatables (D ECTION 3B; I Sam	Deposits." Pool Qu Pipe Algae'h hysical indicators suggest an i Is Iniet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM pople Date/Time: Parameter	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No	None None None No Yes		Moderate		Severity Clear	10
Floatables (D ECTION 3B: I Sam Temper	Deposits." Pool Qu Pipe Algae'h sysical indicators suggest an i Is Inlet Pipe No. Indicator Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM upte Date/Time: Parameter rature (degrees F) pH	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No Result 71.4 7.47	None None None No Yes	·	Moderate	EXT	Severity Clear Cquipment FECH EC500	10
Floatables (D ECTION 3B: I Sam Temper	Deposits." Pool Qu Pipe Algae' hysical indicators suggest an i Is Inter Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM upple Date/Time: Parameter rature (degrees F) pH C Conductivity (uS)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No - TS (ALL FLOWING ASSET) Result 71.4 7.47 718	None None None No Yes	. Typical EPA Benchmarks	Moderate	EXT EXT	Clear	10
Floatables (D ECTION 3B: I Sam Temper Specific Sal	Deposits? Pool Qu Pipe Algaet hysical indicators suggest an in Is Inder Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) liaity (ppm S)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No Result 71.4 7,47 7118 257	None None None No Yes	Typical EPA Benchmarks ≥ Reporting Limit	Moderate	EXT EXT EXT	Clear Cquipment TECH EC500 TECH EC500 TECH EC500 TECH EC500	10
Floatables (D ECTION 3B: 1 Sam Temper Specific Sal	Deposits." Pool Qu Pipe Algaet hysical indicators suggest an i Is Iniet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM sple Date/Time: Parameter rature (degrees F) pH linity (pm) S lolorine (ppm)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No - TS (ALL FLOWING ASSET) Result 71.4 7.47 718	None None None No Yes	. Typical EPA Benchmarks	Moderate	EXT EXT EXT EXT	Clear	10
Floatables (U ECTION 3B: I Sam Temper Specific Sal Ch Am	Deposits? Pool Qu Pipe Algaet hysical indicators suggest an in Is Inder Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) liaity (ppm S)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No (S (ALL FLOWING ASSET) Result 71, 4 7, 47 718 257 6 8 <0.05	None None None No Yes	Typical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.25 mg/L ≥ 0.25 mg/L		EXT EXT EXT EXT Hac	Clear Clear Clupment ECCH EC500 ECCH EC500 ECCH EC500 ECCH EC500 TECH EC500 TECH EC500 H Test Strips HEMets Detergents Kit	
Floatables (D SECTION 3B: I Sam Temper Specific Sal Ch Am	Deposits." Pool Qu Pipe Algaet hysical indicators suggest an i Is Intel Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NILET PIPE NO. 2 SAM sple Date/Time: Parameter reture (degrees F) pH linity (pm S) holoriae (ppm) amonia (mg/L) factants (mg/L) oli (cfu/100mL)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No FS (ALL FLOWING ASSET) Result 71.4 71.4 71.8 257 0 0	None None None No Yes	Typical EPA Benchmarks 2 Reporting Limit 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L 2 235 cfw100mL		EXT EXT EXT EXT Hac Hac Face sent to Lab or Cl To b	Severity Clear Quipment TECH EC500 TECH EC500 TECH EC500 h Test Strips th Test Strips the Severit to lab	
Floatables (D SECTION 3B: I Sam Temper Specific Sal Ch Am Surt	Deposits." Pool Qu Pipe Algaet hysical indicators suggest an in Is Inder Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) liaity (ppm S) holoriae (ppm) amonia (mg/L) factants (mg/L)	stains ality Growth Hild discharge is present (Y/N): 2 Plowing? HCAL INDICATORS (AL Indicator i No PLING/TESTING RESUL?	L FLOWING ASSETS) Present (Yes/No) No No (S (ALL FLOWING ASSET) Result 71, 4 7, 47 718 257 6 8 <0.05	None None None No Yes	Typical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.25 mg/L ≥ 0.25 mg/L		EXT EXT EXT EXT Hac Hac To t	Clear Clear Clupment ECCH EC500 ECCH EC500 ECCH EC500 ECCH EC500 TECH EC500 TECH EC500 H Test Strips HEMets Detergents Kit	

Location		T DESCRIPTION			
	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:
et Pipe No. 3		Section 2011			With Sediment:
CTION 3C: II	NLET PIPE NO. 3 PHYS	A STATE OF THE A STATE OF THE S	Indicator Present?		Indicator Description
	Asset Dan		Indicator Present:		markator Description
	Deposits/S Pool Qua				
	Pipe Algae/G		7		
*Do ph		licit discharge is present (Y/N):			Estimated GPM:
TION 3C: I	Is Inlet Pipe No.	ICAL INDICATORS (ALL FLOW	ING ASSETS)		Estimated O.St.
	Indicator	Indicator Present (Ye		Description	Severity
	Odor Coler				
	Turbidity				
The second second	Does Not Include Trash)		A 1000/00/00/00/00		
AND DESCRIPTION OF THE PERSON	NLET PIPE NO. 3 SAMP ple Date/Time:	PLING/TESTING RESULTS (ALL I	LOWING ASSETS)		
	Parameter	R	esult	Typical EPA Benchmarks	Equipment
Temper	rature (degrees F) pH				EXTECH EC500 EXTECH EC500
Specific	Conductivity (uS)				EXTECH EC500
	linity (ppm S)			≥ Reporting Limit	EXTECH EC500 Hach Test Strips
	hlorine (ppm) nmonia (mg/L)			≥ Neporting Limit ≥ 0.5 mg/L	Hach Test Strips
Surf	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL) coccus (cfu/100mL)			> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab.
	sphorus (mg/L)				To be sent to lab
TTON ID.	INI ET DIDE NO. 4 ACCO	T DESCRIPTION			
Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
t Pipe No. 4	Cpartean Assets				In Water;
		TO LE DIDUCTIONS			With Sediment:
TION 3D: 1	INLET PIPE NO. 4 PHYS Indicate		Indicator Present?		Indicator Description
	Asset Dan	nage			
	Deposits/S Pool Qua				
	Pipe Algae/C	Growth			
*Do ph	hysical indicators suggest an il Is Inlet Pipe No.	licit discharge is present (Y/N):			Estimated GPM:
CTION 3D: I		SICAL INDICATORS (ALL FLOW	ING ASSETS)		
	Indicator	Indicator Present (Ye	2/48/HEILERDON -	Description	Severity
	Odor Color				
	Turbidity				
	Does Not Include Trash)	PLING/TESTING RESULTS (ALL	ELOWING ASSETS)		
	iple Date/Time:	LINO/TESTINO RESCRITO (ALIE	no mino Adodroj		
	Parameter	R	esult	Typical EPA Benchmarks	Equipment EXTECH EC500
Temper	pH				EXTECH EC500
	Conductivity (uS)				EXTECH EC500 EXTECH EC500
	linity (ppm S)			≥ Reporting Limit	Hach Test Strips
	hlorine (ppm)			≥ 0.5 mg/L	
	hlorine (ppm) nmonia (mg/L)				Hach Test Strips
Am Surf	nmonia (mg/L) factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
Am Surf E.co	nmonia (mg/L)				
Am Surf E.co Enteroc	nmonia (mg/L) factants (mg/L) oli (cfu/100mL)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
Am Surf E.co Enteroc Phos	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) ssphorus (mg/L)	I DESCRIPTION		≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
Am Surf E.co Enteroc Phos	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)	T DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged
Am Surf E.co Enteroc Phos	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) ssphorus (mg/L) INLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at 6:00)	> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In.Water:
Am Surf E.co Enteroc Phos CTION 3E: I Location et Pipe No. 5	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged
Am Surf E.co Enteroc Phos CTION 3E: I Location et Pipe No. 5	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) ssphorus (mg/L) INLET PIPE NO. 5 ASSE	Material SICAL INDICATORS	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In.Water:
Am Surf E.co Enteroc Phos CTION 3E: I Location et Pipe No. 5	nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS INLET ASSET Date Date Asset Date Date Asset Date Date Date Date Date Date Date Da	Material SICAL INDICATORS For		> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In Water: With Sediment.
Am Surf E.co Enteroc Phos CTION 3E: I Location let Pipe No. 5	nmonia (mg/L) factants (mg/L) foctus (cfu/100mL) toccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat	Material SICAL INDICATORS for mage		> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In Water: With Sediment.
Am Surf E.co Enteroc Phos CTION 3E: I Location et Pipe No. 5 CTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) loccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Data Deposits/S Pool Qu Pipe Algach	Material SICAL INDICATORS for mage stains ality Growth		> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In Water: With Sediment.
Am Surf E.co Enteroc Phos CTION 3E: I Location let Pipe No. 5 CTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) loccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Data Deposits/S Pool Qu Pipe Algach	Material SICAL INDICATORS tor mage Stains ality Growth Illict discharge is present (Y/N):		> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In Water: With Sediment.
Am Surf E.co Enteroco Phos CTION 3E: I Location et Pipe No. 5 CTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) (ccus) (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositus Pipe Algaet obysical indicators suggest an il Is Inlet Pipe NO. 5 PHYS INLET PIPE NO. 5 PHYS Indicators suggest an il Is Inlet Pipe No. 5 PHYS INLET PIPE NO. 5 PHYS	Material SICAL INDICATORS tor mage Stains ality Growth licit discharge is present (Y/N): -5 Flowing? SICAL INDICATORS (ALL FLOW	Indicator Present?	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Observed to lab Diameter/Dimension (in.) In.Water: With Sediment. Indicator Description Estimated GPM:
Am Surf E.co Enteroco Phos CTION 3E: I Location et Pipe No. 5 CTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Da Deposits/S Pool Qu Ippe Algach obysical indicators suggest an ii Is Inlet Pipe No. 5 PHYS Indicator	Material SICAL INDICATORS tor mage Stalins ality Growth Blict discharge is present (Y/N): -5 Flowing?	Indicator Present?	> 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged In Water: With Sediment:
Am Surf Ecco Enteroc Phos TTION 3E: I Location rt Pipe No. 5 TTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) (lefu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Data Depositus Fool Qui Pipe Algaed obtysical indicators suggest an ii Is latel Fipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color	Material SICAL INDICATORS tor mage Stalax ality Growth Bicti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N)	Indicator Present?	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Observed to lab Diameter/Dimension (in.) In.Water: With Sediment. Indicator Description Estimated GPM:
Am Surf Execo Enteroc Phos THON 3E: I Location et Pipe No. 5 THON 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Depositors Pool Qui Pipe Algae/ obsysical indicators suggest and Is Inlet Pipe No. 5 PHYS Indicators suggest and Is Inlet Pipe No. S PHYS Indicator Odor Color Color	Material SICAL INDICATORS tor mage Stains ality Growth licit discharge is present (Y/N): -5 Flowing? SICAL INDICATORS (ALL FLOW	Indicator Present?	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Observed to lab Diameter/Dimension (in.) In.Water: With Sediment. Indicator Description Estimated GPM:
Am Surf Ecco. Enteroco Enteroco Phos CTION 3E: I Location et Pipe No. 5 CTION 3E: I *Dopl CTION 3E: I	nmonia (mg/L) factants (mg/L) factants (mg/L) in (efu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Depositus Piol Quu Pipe Algae't bysical indicators suggest an ii Is later Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash)	Material SICAL INDICATORS tor mage Stalax ality Growth Bicti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N)	Indicator Present? ING ASSETS) es/No)	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Observed to lab Diameter/Dimension (in.) In.Water: With Sediment. Indicator Description Estimated GPM:
Am Surf Exec Enteroc Phos CTION 3E: I Location et Pipe No. 5 CTION 3E: I *Do pi Floatables (E CTION 3E: I Sam	nmonia (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits/S Pool Qui Pipe Algach/ obysical indicators suggest an ii Is Intel PiPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI nple Date/Time:	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100m1. > 61 cfu/100m1. Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab Biameter/Dimension (in.) Submerged
Am Surf Ecco Enteroco	nmonia (mg/L) factants (mg/L) factants (mg/L) in (tefu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Depositor's Pool Quu Pipe Algae/ shysical indicators suggest an it Is Inlet PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI nple Date/Time: Parameter	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? ING ASSETS) es/No)	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Observed to lab Diameter/Dimension (in.) In.Water: With Sediment. Indicator Description Estimated GPM:
Am Surf Ecco Enteroc Phost CTION 3E: I Location et Pipe No. 5 CTION 3E: I *Do pl CTION 3E: I Floatables (I CTION 3E: I Sam Tempe	nmonia (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Deposits/S Pool Que Pipe Aligae/h obysical indicators suggest an ii Is inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI apple Date/Time: Parameter erature (degrees F) pH	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100m1. > 61 cfu/100m1. Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab Submerged In Water: With Sediment: Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500
Am Surf Ecco Enteroco Enteroco Fhos CTION 3E: I Location et Pipe No. 5 CTION 3E: I *Do pl CTION 3E: I Floatables (C CTION 3E: I Sam Tempe	nmonia (mg/L) factants (mg/L) factants (mg/L) in (efu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Depositus Pipe Algae® obysical indicators suggest an it Is later Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pipe Date/Time: Parameter Paramete	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100m1. > 61 cfu/100m1. Shape Description	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Biameter/Dimension (in.) Submerged In.Water: With Sediment Indicator Description Estimated GPM: Severity Equipment EXTECH EC500
Am Surf Ecco Enteroc Phos CTION 3E: I Location tt Pipe No. 5 CTION 3E: I Floatables (I CTION 3E: I Sam Tempe Specific	nmonia (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Deposits/S Pool Que Pipe Aligae/h obysical indicators suggest an ii Is inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI apple Date/Time: Parameter erature (degrees F) pH	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Beachmarks ≥ Reporting Umit	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment: Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Am Surf Ecco Enteroco Enteroco Fhos CTION 3E: I Location et Pipe No. 5 CTION 3E: I *Do pl CTION 3E: I Sam Tempe Specific Sa CI Au	nmonia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L)	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks ≥ Reporting Umit ≥ 0.5 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment: Indicator Description Estimated GPM: Severity Equipment ENTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Am Surf Ecco Enteroc Phos *Do pl *To pl	nmonia (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) spaceus (mg/L) INLET PIPE NO. 5 PHVS Indicat Asset Da Deposits/S Pool Qui Pipe Alizach object (mg/L) spaceus (mg/L)	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Y/N) PLING/TESTING RESULTS (ALL	Indicator Present? VING ASSETS) es/No) FLOWING ASSETS)	≥ 0.25 mg/l > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Beachmarks ≥ Reporting Umit	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment: Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips

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3

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 6						In Water:
iniet ripe No. 6						With Sediment:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICA	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do ph	nysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flo	wing?			Esti	mated GPM:
SECTION 3F: I	NLET PIPE NO. 6 PHYSICA	LINDICATORS (ALL FLO	WING ASSETS)			
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor					
	Color				7	
	Turbidity	*		*		
Floatables (D	loes Not Include Trash)					
SECTION 3F: I	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (AL	L FLOWING ASSETS)			
Samp	ple Date/Time:					
	Parameter		Result	Typical EPA Benchmarks	Equip	
Temper	rature (degrees F)				EXTECH	
	pH				EXTECH	
	Conductivity (uS)				EXTECH	
Sal	linity (ppm S)				EXTECH	
Ch	nlorine (ppm)			≥ Reporting Limit	Hach Tes	
Am	monia (mg/L)			≥ 0.5 mg/L	Hach Tes	
Surf	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEM	
E.co	oli (cfu/100mL)			> 235 cfu/100mL	To be ser	
Enteroco	occus (cfu/100mL)			> 61 cfu/100mL	To be set	
Phos	sphorus (mg/L)				To be ser	nt to lab
7100						
Comments:						
	~ 1/					
Signature of						
Signature of Inspector :	1 + 1					

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Haverhill IDDE Inspection Form Catch Basin

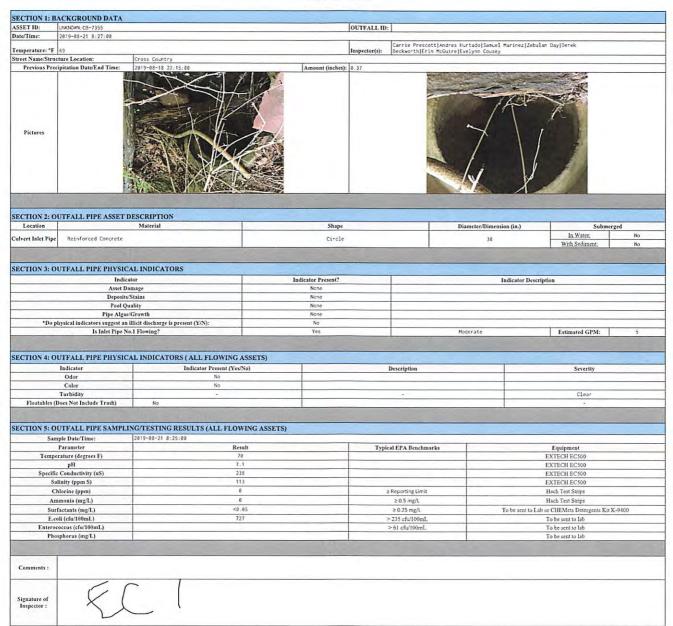
SECTION 1: BA	CKGROUND DATA					Maria and American				
	CB-7355				OUTFALL ID:					
ate/Time:	2019-08-21 8:02:00					Carrie Prescott Andres H	etadalEan al Nac	inextZebulan Day	I Darate	
emperature: °F	75				Inspector(s):	Beckworth Erin McGuire E	velynn Cousey	inezizebulan bay	(Derek	
reet Name/Struct		GILE ST								
Previous Precip	pitation Date/End Time:	2019-08-18 22:15:00	V 200 200 200 200 200 200 200 200 200 20	Amount (inches):	0.37			SHW	GP 100	
Pictures										
ECTION 2: OU	UTLET PIPE ASSET DE		Material			Shape	Diameter/	Dimension (in.)		Submerged
CB Outlet Pipe	Fair		orced Concrete			Circle		36	In Water:	No
CB Outlet Fipe	1011	INC. INC.		4					With Sedime	nt: No
					-					
Location	NLET PIPE NO. 1 ASSI Upstream Asset ID	ET DESCRIPTION Material	Clock Postion (Ox	atlet Pipe at 6:00)		Shape	Di	ameter/Dimension	(in.)	Submerged
- 12 Dec 18	unknown	Vitrified Clay	11:			Circle		10	In Water:	No
Inlet Pipe No. 1			- 0:			civere		10	With Sedime	nt: No
ECTION 3A: I	NLET PIPE NO. 1 PHY									
	Indica Asset Da		I I	ndicator Present? Cracking			Indi	cator Description		
	Asset Da Deposits			Oily						
	Pool Qu	iality	-5	None						
	Pipe Algae			None						
*Do ph	aysical indicators suggest an Is Inlet Pipe N	illicit discharge is present (Y/N):		No Yes			rickle	Es	timated GPM:	11
ECTION 24. E		SICAL INDICATORS (ALL FLO	WING ASSETS)				70.00			
	Indicator	Indicator Present				Description			Severity	
	Odor	No								
	Color	No							-	
	Turbidity Joes Not Include Trash)	No.		-		•			Clear	
		PLING/TESTING RESULTS (AI	I ELOWING ASSETS							
	ple Date/Time:	2019-08-28 8:07:00	LI LOWING ASSETS	,,						
	Parameter		Result		Турі	cal EPA Benchmarks			quipment	
Temper	rature (degrees F)		68.7						ECH EC500	
Caratra	pH Conductivity (uS)		6.29						ECH EC500 ECH EC500	
	linity (ppm S)		45.5						ECH EC500	
	dorine (ppm)		0			≥ Reporting Limit			n Test Strips	
	monia (mg/L)		6			≥ 0.5 mg/L			h Test Strips	
	factants (mg/L)		<0.05 770.1			≥ 0.25 mg/L > 235 cfu/100mL	То	be sent to Lab or CF	EMets Detergents e sent to lab	Kit K-9400
	oli (cfu/100mL) occus (cfu/100mL)		778.1			> 61 cfu/100mL			e sent to lab	
	sphorus (mg/L)							Tob	e sent to lab	
ECTION 3B: I	NLET PIPE NO. 2 ASS									
Location	Upstream Asset ID	Material	Clock Postion (O	utlet Pipe at 6:00)		Shape	Di	ameter/Dimension	(in.) In Water	Submerged
Inlet Pipe No. 2	culvert inlet	Reinforced Concrete	3:	00		Circle		24	With Sedime	
ECTION 3R- I	NLET PIPE NO. 2 PHY	The second secon								
	Indic	ator	1	Indicator Present?			Ind	icator Description		
	Asset D			None						
	Deposits Pool Q			None None						
	Pipe Algae			None						
*Do pl	hysical indicators suggest an	illicit discharge is present (Y/N):	2	No				T _m	dimental Cross	
	Is Inlet Pipe N			Yes			loderate	E.	stimated GPM:	5
	NLET PIPE NO. 2 PHY Indicator	SICAL INDICATORS (ALL FLO Indicator Present		-		Description			Severity	
	Odor	No	(
	Color	No								
	Turbidity Does Not Include Trash)	No							Clear	
		IPLING/TESTING RESULTS (A)	I. FLOWING ASSETS	3)						
	ple Date/Time:	2019-08-21 8:07:00	L. LOTTING ASSETS							
	Parameter		Result		Турі	cal EPA Benchmarks			quipment	
Тетре	rature (degrees F)		72.6						ECH EC500	
	pH Conductivity (uS)		7.2						ECH EC500	
Specific			195			≥ Reporting Limit			ECH EC500	
	linity (ppm S)		0			≥ Reporting Limit			h Test Strips	
Sal	linity (ppm S) blorine (ppm)							Hac	h Test Strips	
Sal Cl			0			≥ 0.5 mg/L				775700000000000000000000000000000000000
Sal Ct Am Suri	hlorine (ppm) nmonia (mg/L) factants (mg/L)		e <0.05			≥ 0.25 mg/L	То	be sent to Lab or Cl	HEMets Detergent	Kit K-9400
Sal Ct Am Suri E.ce	hlorine (ppm) nmonia (mg/L) factants (mg/L) oli (cfu/100mL)		0			≥ 0.25 mg/L > 235 cfu/100mL	То	be sent to Lab or Ci To b	HEMets Detergent be sent to lab	s Kit K-9400
Sal Ch Am Suri E.ce Enteroc	hlorine (ppm) nmonia (mg/L) factants (mg/L)		e <0.05			≥ 0.25 mg/L	То	be sent to Lab or CI To b To b	HEMets Detergent	s Kit K-9400

	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3					In Water:
					With Sediment:
SECTION 3C:	INLET PIPE NO. 3 PHYS Indicat		Indicator Present?		Indicator Description
	Asset Dar	mage	indicator i resear.		andrew occupant
	Deposits/S				
	Pool Qu: Pipe Algae/				
*Do p		llicit discharge is present (Y/N):			
	Is Inlet Pipe No.	.3 Flowing?			Estimated GPM:
SECTION 3C: 1		SICAL INDICATORS (ALL FLOW)			
	Indicator	Indicator Present (Yes	/No)	Description	Severity
	Odor Color				
	Turbidity				
Floatables (I	Does Not Include Trash)				
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
	nple Date/Time: Parameter	Po	sult	Typical EPA Benchmarks	Postonica
	erature (degrees F)	Re	suit	Typical EPA Benchmarks	Equipment EXTECH EC500
	pН				EXTECH EC500
	c Conductivity (uS)				EXTECH EC500
	dinity (ppm S) hlorine (ppm)			≥ Reporting Limit	EXTECH EC500 Hach Test Strips
	nmonia (mg/L)			≥ Neporting Limit ≥ 0.5 mg/L	Hach Test Strips
Sur	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	coccus (cfu/100mL) esphorus (mg/L)			> 61 cfu/100mL	To be sent to lab To be sent to lab
. 110					TO DE SOIR OF IND
	INLET PIPE NO. 4 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water: With Sediment:
SECTION 3D-1	INLET PIPE NO. 4 PHYS	SICAL INDICATORS			[25 ht 25 wanted].
SECTION SD.	Indicat		Indicator Present?		Indicator Description
	Asset Dar				
	Deposits/S Pool Qua				
	Pipe Algae/G				
*Do p		llicit discharge is present (Y/N):			
	Is Inlet Pipe No.	4 Flowing?			Estimated GPM:
		ICAL INDICATORS (ALL FLOWI			
	Indicator Odor	Indicator Present (Yes	/No)	Description	Severity
	Color				
	Turbidity	· ·		•	
Floatables (I	Does Not Include Trash)				•
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
	pple Date/Time: Parameter	Pa	sult	Typical EPA Benchmarks	P
	rature (degrees F)	, and	Sult.	Typical Er & Bellelimarks	Equipment EXTECH EC500
	pН				EXTECH ECS00
	Conductivity (uS)				EXTECH ECSOO
	dinity (ppm S) hlorine (ppm)			≥ Reporting Limit	EXTECH EC500 Hach Test Strips
	nmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
Surf	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	sphorus (mg/L)			> 61 cfu/100mL	To be sent to lab
1 40	- F-At us (mill ri)				To be sent to lab
SECTION 3E: I	INLET PIPE NO. 5 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 5					In Water: With Sediment:
SECTION 45-1	INLET PIPE NO. 5 PHYS	ICAL INDICATORS			[With Seament]
The second second	Indicat		Indicator Present?		Indicator Description
					10000 1000 TOE21 (ALIZ
	Asset Dar				
	Asset Dar Deposits/S	tains			
	Asset Dar	itains ality			
*Do pl	Asset Dar Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an il	itains ality Growth licit discharge is present (Y/N):			
	Asset Dar Deposits/S Pool Qua Pipe Algae/G bysical indicators suggest an il Is Inlet Pipe No.	itains ality Growth licit discharge is présent (Y/N): 5 Flowing?			Estimated GPM:
SECTION 3E: 1	Asset Dar Deposits/S Pool Quz Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. INLET PIPE NO. 5 PHYS	stains Lity Growth Licit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI			
SECTION 3E: 1	Asset Dar Deposits/S Pool Qu Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator	itains ality Growth licit discharge is présent (Y/N): 5 Flowing?		Description	Estimated GPM: Severity
SECTION 3E: 1	Asset Dar Depositus's Pool Quu Pipe Algae's hysical indicators suggest an il- Is later Fipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color	stains Lity Growth Licit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI		Description	
SECTION 3E: 1	Asset Dar Deposits/S Pool Quar Pipe Algae/c hysical indicators suggest an il Is Intelled Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity	stains Lity Growth Licit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI		Description -	Severity
SECTION 3E: 1	Asset Dar DepositorS Pool Qui Pipe Algae/f hysical indicators suggest an il Is Inlet Pipe No. NNLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash)	stains lity Trowth licit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	(No)	Description	
SECTION 3E: I Floatables (I SECTION 3E: I	Asset Dar Depositu/S Pool Quu Pipe Algae/6 hysical indicators suggest an il B Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAME	stains Lity Growth Licit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI	(No)	Description	Severity
Floatables (E SECTION 3E: 1 SECTION 3E: 1	Asset Dar Depositus's Pool Quu Pipe Algae's hysical indicators suggest an il Is later Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAME pipe Date/Time:	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)		Severity
Floatables (I SECTION 3E: I Sam	Asset Dar Depositu/S Pool Quu Pipe Algae/6 hysical indicators suggest an il B Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAME	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	(No)	Description Typical EPA Benchmarks	Severity
Floatables (E SECTION 3E: 1 Sam Tempes	Asset Dar DepositorS Pool Qui Pipe Algae/f hysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAMI phb Date/Time; Farameter rature (degrees F) pH	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)		Severity Equipment EXTECH EC500 EXTECH EC500
Floatables (E SECTION 3E: 1 Sam Temper	Asset Dar DepositorS Pool Quo Pipe Algae(f hysical indicators suggest an it Is later Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pile Darf Time: Parameter rature (degrees F) pl Conductivity (uS)	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)		Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
Floatables (E SECTION 3E: 1 Sam Tempei Specific	Asset Dar Depositu/S Pool Quu Pipe Algae/6 hysical indicators suggest an II Is latet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pibe Date/Time; Parameter rature (degrees F) pH conductivity (uS) linity (ppm S)	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)	Typical EPA Benchmarks	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
Floatables (I SECTION 3E: I SECTION 3E: I Sam Tempes Specific Sal	Asset Dar DepositorS Pool Quo Pipe Algae(f hysical indicators suggest an it Is later Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pile Darf Time: Parameter rature (degrees F) pl Conductivity (uS)	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Umit	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Suips
Floatables (I Floatables (I SECTION 3E: I Sam Temper Specific Sal CP Am	Asset Dar Depositu/S Pool Quu Pipe Algae/6 hysical indicators suggest an II Lalet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pibe Date/Time; Parameter rature (degrees F) pH conductivity (uS) Indicity (ppm S) Indic	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting timit. ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
Floatables (E SECTION 3E: I SECTION 3E: I Sam Tempei Specific Sal Cl Am Surt	Asset Dar DepositorS Pool Quo Pipe Algae(f hysical indicators suggest an it Is later Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI pibe Date/Time: Parameter rature (degrees F) pH pt Conductivity (uS) linity (ppm S) Morine (ppm) Inmoin (mg/L)	tatins dility Growth Heit discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOW) Indicator Present (Ves	LOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Urnit. ≥ 0.5 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Suips Hach Test Strips

	Upstream Asset ID	Material	Clock Postion (Outlet P	ipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerger
nlet Pipe No. 6							In Water:
met ripe ito. o							With Sediment:
CTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS					
	Indicator		Indica	or Present?		Indicator Description	
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growt						
*Do ph	hysical indicators suggest an illicit d						
	Is Inlet Pipe No.6 Flow	ving?				Estima	ted GPM:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLO	OWING ASSETS)				
	Indicator	Indicator Present	t (Yes/No)		Description		Severity
	Odor						
	Color						
	Turbidity						
Floatables (D	oes Not Include Trash)		LL FLOWING ASSETS)				•
Floatables (D ECTION 3F: II Sam			LL FLOWING ASSETS)			Equip	
Floatables (D ECTION 3F: II Sam	oes Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time:				Typical EPA Benchmarks	Equip: EXTECH	nent
Floatables (D ECTION 3F: 11 Sam	oes Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter					Equipp EXTECH EXTECH	nent EC500
Floatables (D ECTION 3F: II Sam Temper	oos Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F)					EXTECH	nent EC500 EC500
Floatables (D ECTION 3F: II Sam Temper Specific	oos Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F) pH					EXTECH EXTECH	nent EC500 EC500 EC500
Floatables (D ECTION 3F; II Samp Temper Specific Sal	oos Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)					EXTECH EXTECH EXTECH	nent EC500 EC500 EC500 EC500
Floatables (D ECTION 3F; II Samp Temper Specific Sal	oes Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) laity (ppm S)				Typical EPA Benchmarks	EXTECH EXTECH EXTECH EXTECH	nent EC500 EC500 EC500 EC500 EC500
Floatables (D ECTION 3F: II Sam; Temper Specific Sal; Ch Am	oes Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (ppm S) dorine (ppm)				Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH Hach Tes	nent EC500 EC500 EC500 EC500 EC500 Strips
Floatables (D ECTION 3F: II Sam Temper Specific Sal Ch Am Surf.	hoes Not Include Trash) NLET PIPE NO. 6 SAMPLIN(ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (pm S) lotrine (ppm) monia (mg/L)				Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	nent EC500 EC500 EC500 EC500 EC500 Strips Strips Istrips Istrips Istrips
Floatables (D ECTION 3F; I) Samp Temper Specific Sala Ch Am Surf E.co Enteroce	obes Not Include Trash) NLET PIPE NO. 6 SAMPLING ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)				Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	nent EC500 EC500 EC500 EC500 EC500 Strips Strips to Detergents Kit K-9400 to lab

1.

Haverhill IDDE Inspection Form Culvert Inlet



Haverhill IDDE Inspection Form Drain Manhole

	CKGROUND DATA									
	MH-8495				OUTFALL ID					
Date/Time: 20	2019-08-21 8:25:00					Carrie Prescott Andres Hur	tada I Camual Ma	sings! Zahulan Daul	Darok	
Temperature: °F 7:					Inspector(s):	Beckworth Erin McGuire Eve	lynn Cousey	rinezizeburan bayı	Derek	
Street Name/Structu		NORTH AVE		T	I					
Previous Precip	pitation Date/End Time:	2019-08-18 22:15:00	600	Amount (inches):	0.37	20 10	205-0450	Washington and	VA T	
Pictures										
	TLET PIPE ASSET DES								_	
Location	DMH Interior Cor	dition	Material			Shape	Diameter	/Dimension (in.)	Subme	erged
DMH Outlet Pipe	Fair	Reinforc	ed Concrete			Circle		24	In Water: No With Sediment: No	
SECTION 3A: IN	NLET PIPE NO. 1 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material Corrugated	Clock Postion (Ou			Shape	D	iameter/Dimension (i	in.) Subme	rged No
Inlet Pipe No. 1	CB-804	Metal	9:0	10		Circle		8	With Sediment:	No
SECTION 3A: IN	NLET PIPE NO. 1 PHYS		_							
	Indicat		In	idicator Present?			Ind	licator Description		
	Asset Dan Deposits/S			None None						
	Pool Qua			None						
	Pipe Algae/C	rowth	4	None						
*Do phy		icit discharge is present (Y/N):		No						
CECTION 31. IN	Is Inlet Pipe No.		This Loopers	No				E	stimated GPM:	
		ICAL INDICATORS (ALL FLOW		_			-		0 1	
	Odor	Indicator Present (Ye	3/No)	-		Description			Severity	
	Color									
	Furbidity					j-				
	oes Not Include Trash)									
Carlo Con Management	Charles of the Control of the Contro	LING/TESTING RESULTS (ALL	FLOWING ASSETS))						
	ele Date/Time:								War and	
	Parameter ature (degrees F)	R	esult		Typi	cal EPA Benchmarks			ipment CH EC500	
Tempera	pH								CH EC500	
Specific C	Conductivity (uS)								CH EC500	
	nity (ppm S)								CH EC500	
	orine (ppm)					Reporting Limit			Test Strips	
	nonia (mg/L)					≥ 0.5 mg/L			Test Strips	- Contract of the Contract of
	i (cfu/100mL)					≥ 0.25 mg/L	To		Mets Detergents Kit K-9	400
	ceus (cfu/100mL)					> 235 cfu/100mL > 61 cfu/100mL			sent to lab sent to lab	
	phorus (mg/L)					- or em rooms			sent to lab	
SECTION 3B: IN	NLET PIPE NO. 2 ASSE	DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Ou	tlet Pipe at 6:00)		Shape	D	iameter/Dimension (i		
Inlet Pipe No. 2	DMH-8494	Reinforced Concrete	12:0	90		Circle		24	In Water: With Sediment:	No No
SECTION 3B: IN	NLET PIPE NO. 2 PHYS	ICAL INDICATORS								
	Indicat		In	idicator Present?			Ind	icator Description		
	Asset Dan			None None						
	Deposits/S Pool Qua			None None						
	Pipe Algae/C		4	None						
				No	_					
*Do phy	ysical indicators suggest an il		-				erate	E	stimated GPM:	10
	ysical indicators suggest an il Is Inlet Pipe No.	? Flowing?	TNO ADDRESS	Yes		Mode				
SECTION 3B: IN	ysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS	Prioring? ICAL INDICATORS (ALL FLOW	CALL COLORS	Yes			Y		P dr	
SECTION 3B: IN	ysical indicators suggest an il Is Inlet Pipe No.	? Flowing?	CALL COLORS	Yes		Model Description			Severity	
SECTION 3B: IN	ysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color	Proving? ICAL INDICATORS (ALL FLOW Indicator Present (Young) No No	CALL COLORS	Yes		Description				
SECTION 3B: IN	ysical indicators suggest an il Is Inlet Pipe No. KLET PIPE NO. 2 PHYS Indicator Odor Color Furbidity	Plowing? ICAL INDICATORS (ALL FLOW Indicator Present (You No No	CALL COLORS	Yes					Clear	
SECTION 3B: IN In T Floatables (Do	ysical indicators suggest an it Is Inlet Pipe No. SLET PIPE NO. 2 PHYS Indicator Odor Color Furbidity oes Not Include Trash)	Elowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye No No No No	s/No)			Description				
SECTION 3B: IN In T Floatables (Do SECTION 3B: IN	ysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Curbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP	Elowing? ICAL INDICATORS (ALL FLOW Indicator Present (Yo No No No Ling/TESTING RESULTS (ALL)	s/No)			Description			Clear	
SECTION 3B: IN II Floatables (Do SECTION 3B: IN Sampl	Is Inlet Pipe No. LET PIPE NO. 2 PHYS Indicator Odor Color Iurbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP ole Date/Time:	Elowing?	s/No) FLOWING ASSETS)			Description		For	Clear	
SECTION 3B: IN II T Floatables (Do SECTION 3B: IN Sampl	ysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Curbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP	Elowing? Indicator Present (Yes No	s/No)			Description			Clear	
SECTION 3B: IN II T Floatables (Do SECTION 3B: IN Sampl P. Tempera	sysical indicators suggest an it Is Inlet Pipe No. KLET PIPE NO. 2 PHYS indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP ale Date/Time: 'arameter sture (degrees F) pil	Elowing? CAL INDICATORS (ALL FLOW Indicator Present (Yes) No N	FLOWING ASSETS) esult 71 .47			Description		EXTE EXTE	Clear sipment CH EC500 CH EC500	
ESECTION 3B: IN T Floatables (Do SECTION 3B: IN Sampl P: Tempera	sysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP oble Date/Time: 'arameter ature (degrees F) pil Conductivity (uS)	Elowing? Indicator Present (Yes No	FLOWING ASSETS) esult 71 -47 436		Турі	Description		EXTE EXTE	Clear ilpment CH EC500 CH EC500 CH EC500	
T Floatables (Do SECTION 3B: IN Sampl P T tempera Specific C Salin	ysical indicators suggest an it Is Inlet Fipe No. KLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) KLET PIPE NO. 2 SAMP the Date/Time: arameter arameter pli Conductivity (uS) nity (ppm S)	Elowing? Indicator Present (Yes No	FLOWING ASSETS) esult 71 -47 -436 303		Турі	Description cal EPA Benchmarks		EXTEG EXTEG EXTEG	Clear ilpment CH EC500 CH EC500 CH EC500 CH EC500	
Floatables (Do SECTION 3B: IN Floatables (Do SECTION 3B: IN Sample P: Tempera Specific C Sallan Chlo	sysical indicators suggest an it Is Inlet Pipe No. KLET PIPE NO. 2 PHYS Indicator Odor Color Furbidity Ses Not Include Trash) NLET PIPE NO. 2 SAMP let Date/Time: 'arameter ature (degrees F) pil Conductivity (uS) snity (ppm S) orline (ppm)	Elowing? Indicator Present (Yes No	FLOWING ASSETS) esult 71 .47 436 305 6		Турі	Description cal EPA Benchmarks Preporting Limit Reporting Limit		EXTE EXTE EXTE EXTE	Clear ilipment CH EC500 CH EC500 CH EC500 CH EC500 CH EC500 Test Strips	
T Floatables (Do SECTION 3B: IN Sampl P Tempera Specific C Salin Chle Anna	Is lalet Pipe No. LET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP ale Date/Time: Parameter ature (degrees F) pil Conductivity (uS) inity (ppn S) rorine (ppm) nonia (mg/L)	Elowing? Indicator Present (Yes No	FLOWING ASSETS) esult 77 -4.47 436 -8 -8		Турі	Description cal EPA Benchmarks e Reporting Limit 2 Reporting Limit 2 0.5 mg/L		EXTE EXTE EXTE EXTE Hach	Clear Lipment CH EC500 CH EC500 CH EC500 CH EC500 CH EC500 Test Strips Test Strips	1100
T Floatables (Do SECTION 3B: IN Sampl P T empera Specific C Salin Chle Amm	systeal indicators suggest an it Is Inlet Fipe No. ILET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP the Date/Time: arameter ature (degrees F) pH Conductivity (uS) intity (ppm S) orine (ppm) monia (mg/L) ictants (mg/L)	Flowing? Indicator Present (Ye. No. No. No. No. No. No. No. No. No. No	FLOWING ASSETS) esult 71 .47 436 305 6		Турі	Description Eal EPA Benchmarks Reporting Limit Reporting Limit 2 0.5 mg/L 2 0.75 mg/L		EXTEG EXTEG EXTEG EXTEG Hach 1 Hach 2	Clear ilpment CH EC500 CH EC500 CH EC500 CH EC500 Test Strips Test Strips Mets Detergents Kit K-5	2400
T Floatables (Do SECTION 3B: IN Sample P. Tempera Specific C Salin Chle Amm Surfa E.coli Enterocci Enteroc	Is lalet Pipe No. LET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP ale Date/Time: Parameter ature (degrees F) pil Conductivity (uS) inity (ppn S) rorine (ppm) nonia (mg/L)	Flowing? Indicator Present (Ye. No. No. No. No. No. No. No. No. No. No	FLOWING ASSETS) result 71 .47 436 3303 e e e e e e		Турі	Description cal EPA Benchmarks e Reporting Limit 2 Reporting Limit 2 0.5 mg/L		EXTEG EXTEG EXTEG EXTEG Hach 1 Hach 1 be sent to Lab or CHE To be	Clear Lipment CH EC500 CH EC500 CH EC500 CH EC500 CH EC500 Test Strips Test Strips	9400

Location	Upstream Asset ID	SSET DESCRIPTION Material	Clark Partian (Onder Pine of 6,00)	PL	Dismeter/Dimension (In a)		
Inlet Pipe No. 3	CB-885	Vitrified Clay	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged 8 In Water: No		
		HYSICAL INDICATORS			With Sediment: No		
ic ii on bei	THE RESIDENCE OF THE PARTY OF T	licator	Indicator Present?		Indicator Description		
		Damage	None				
		its/Stains	None				
Pool Quality				None None			
Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N):				No.			
Is Inlet Pipe No.3 Flowing?			No No		Estimated GPM:		
CTION 3C+		HYSICAL INDICATORS (ALL FLO					
CIIOLIDEI	Indicator	Indicator Present		Description	Severity		
	Odor	Indicator 1 resem	(Tallo)	Description	Severity		
Color							
Turbidity				-			
	Does Not Include Trash)						
CTION 3C:	INLET PIPE NO. 3 SA	MPLING/TESTING RESULTS (AL	L FLOWING ASSETS)				
San	nple Date/Time:	3.					
	Parameter		Result	Typical EPA Benchmarks	Equipment		
Temperature (degrees F) pH					EXTECH EC500		
Specific Conductivity (uS)				EXTECH ECS00 EXTECH ECS00			
Salinity (ppm S)					EXTECH EC500		
Chlorine (ppm)			≥ Reporting Limit		Hach Test Strips		
Ammonia (mg/L)				≥ 0.5 mg/L	Hach Test Strips		
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400		
	oli (cfu/100mL)	1		> 235 cfu/100mL	To be sent to lab		
	coccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab		
Pho	osphorus (mg/L)				To be sent to lab		
CTION 3D-	INLET PIPE NO. 4 AS	SSET DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Chana	Diameter/Dimension (in.) Submerged		
- 120 157 9	Cpstream Asset ID	Mauriai	Clock Fostion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:		
let Pipe No. 4					With Sediment:		
CTION 3D:	INLET PIPE NO. 4 PI	IYSICAL INDICATORS					
	STATE OF THE PARTY	licator	Indicator Present?		Indicator Description		
		Damage					
		its/Stains					
		Quality					
40		tae/Growth					
-Do b		an illicit discharge is present (Y/N): No.4 Flowing?			Estimated GPM:		
ECTION ID.		IYSICAL INDICATORS (ALL FLO	WING ASSETS)		Established OF Inc.		
ECTION 3D.				Provide it as	F 4		
	Indicator Odor	Indicator Present	(Yes/No)	Description	Severity		
	Color						
	Turbidity						
Floatables (Does Not Include Trash)				•		
CTION 3D:	INLET PIPE NO. 4 SA	MPLING/TESTING RESULTS (AL	L FLOWING ASSETS)				
San	nple Date/Time:			y.			
	Parameter		Result	Typical EPA Benchmarks	Equipment		
Tempe	erature (degrees F)				EXTECH EC500		
Specific	pH c Conductivity (uS)				EXTECH EC500 EXTECH EC500		
	dinity (ppm S)				EXTECH ECS00		
	hlorine (ppm)				Hach Test Strips		
Ammonia (mg/L)					Hach Test Strips		
	factants (mg/L)				To be sent to Lab or CHEMets Detergents Kit K-9400		
E.coli (cfu/100mL)					To be sent to lab		
Enterococcus (cfu/100mL)					To be sent to lab		
Pho	sphorus (mg/L)				To be sent to lab		
CTION 3F.	INLET PIPE NO. 5 AS	SET DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Chanh	Diameter/Dimension (in.) Submerged		
	CPSITEARI ASSELID	material	Close Conton (Contex Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:		
let Pipe No. 5					With Sediment:		
CTION 3E:	INLET PIPE NO. 5 PI	IYSICAL INDICATORS					
		licator	Indicator Present?		Indicator Description		
Asset Dam							
		its/Stains					
		Quality					
*Do n		gae/Growth an illicit discharge is present (Y/N):					
Do p		No.5 Flowing?			Estimated GPM:		
CTION 3E:		IYSICAL INDICATORS (ALL FLO	OWING ASSETS)				
	Indicator	Indicator Present		Description	Severity		
Odor							
Color							
***	Turbidity	•		•			
	Does Not Include Trash)	Management	I III GUUNG CONNEC				
	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	MPLING/TESTING RESULTS (AL	L FLOWING ASSETS)				
	nple Date/Time:		£				
	Parameter		Result	Typical EPA Benchmarks	Equipment EXTECH ECSON		
Tempe	erature (degrees F) pH				EXTECH EC500 EXTECH EC500		
Specific	c Conductivity (uS)				EXTECH ECS00		
	dinity (ppm S)				EXTECH EC500		
	hlorine (ppm)			≥ Reporting Limit	Hach Test Strips		
Chlorine (ppm) Ammonia (mg/L)		-1		≥ 0.5 mg/L	Hach Test Strips		
An	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400		
Sur					To be sent to lab To be sent to lab		
Sur E.c	oli (cfu/100mL)	10		> 235 cfu/100mL			
Sur E.c Entero				> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab		

	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged	
					In Water:	
					With Sediment:	
T PIPE NO. 6 PHYSICAL	INDICATORS					
Indicator		Indicator Present?		Indicator Description		
Asset Damage						
Deposits/Stains						
Pool Quality						
l indicators suggest an illicit dis	charge is present (Y/N):					
Is Inlet Pipe No.6 Flow	ing?			Estiz	nated GPM:	
T PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	VING ASSETS)				
ator	Indicator Present (Yes/No)	Description	Severity		
or						
lor						
idity			•			
ot Include Trash)						
ate/Time: neter	Result		Typical EPA Benchmarks	Equipment		
(degrees F)				EXTECH EC500		
H				EXTECH EC500		
luctivity (uS)				EXTECH EC500		
(ppm S)				EXTECH EC500		
e (ppm)			≥ Reporting Limit	Hach Test Strips		
a (mg/L)			≥ 0.5 mg/L	Hach Test Strips		
ts (mg/L)			≥ 0.25 mg/t	To be sent to Lab or CHEMets Detergents Kit K-9400		
/100mL)			> 235 cfu/100mL	To be sent to lab		
(cfu/100mL)			> 61 cfu/100mL	To be sent to lab		
us (mg/L)				To be sent to lab		
	Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth i indicators suggest an illicit dit Is Inlet Fipe No.6 Fox T PIPE NO. 6 PHYSICAL ator or of clicity didity of Include Trash) T PIPE NO. 6 SAMPLING ate/Time: netter (degrees F) I ucctivity (uS) (ppm) (ppm) (mg.L) ts (mg.L) ts (mg.L) ts (mg.L)	Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth I indicators suggest an illuici discharge is present (V/N): Is lated tipe No. 6 Powing? T PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOVATOR) or or indicator Present (Or or or or indicator Present (Or indicator	Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth lindicators suggest an illicit discharge is present (Y/N): Is later lipe No. 6 PhySiCAL INDICATORS (ALL FLOWING ASSETS) ator Indicator Present (Yes/No) or or or didity or IT PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) ate/Time: Result (degrees F) I ucctivity (u.S) (ppm S) (ppm S) (ppm) (mg.L) ts (mg.L) (100m.L)	Asset Damage Deposits/Stains Deposits/Stai	Asset Damage Deposits/Stains Deposits/Stai	

. . .

Haverhill IDDE Inspection Form Drain Manhole

SSET ID: D	CKGROUND DATA					OUTFALL ID:	1				
	2019-08-21 8:41:00					JOCITALL ID.					
mperature: °F 7						Inspector(s):	Carrie Prescott Andres Hur Beckworth Erin McGuire Eve	rtado Samuel M	arinez Zebulan Day D	erek	
eet Name/Structu		NORTH AVE				Inspector(s):	Beckworth Erin McGuire Eve	elynn Cousey			
	pitation Date/End Time:	2019-08-18 22:15:00			Amount (inches):	0.37					
Pictures											
ECTION 2: OU	TLET PIPE ASSET DE			Material			Shape	Diamete	r/Dimension (in.)		ubmerged
		Ididoa	W. 11 & C. 10 W.					Diamete		In Water	No
IH Outlet Pipe	Fair		Reinforced Co	ncrete			Circle		24	With Sediment	
	NLET PIPE NO. 1 ASSE	T DESCRIPTION		NOTE:			1 100				
Location	Upstream Asset ID	Mater	rial	Clock Postion (Outl	et Pipe at 6:00)		Shape		Diameter/Dimension (in	-	ubmerged
nlet Pipe No. 1	CB-802	Corrugated Metal		9:00			Circle		8	In Water: With Sediment:	No No
CTION 3A: IN	NLET PIPE NO. 1 PHYS		S					1		, and the second	
	Indicat			Ind	icator Present?			In	dicator Description		
	Asset Dar	nage			None						
	Deposits/S				None						
	Pool Qua Pipe Algae/				None None						
*Do ph	ysical indicators suggest an il		4 (Y/N):		No						
	Is Inlet Pipe No.				No				Es	timated GPM:	
	NLET PIPE NO. 1 PHYS										
	Indicator	Ind	dicator Present (Yes/No)				Description			Severity	
	Odor Color										
7	Turbidity		•								
	oes Not Include Trash)										
ECTION 3A: IN	NLET PIPE NO. I SAMI	LING/TESTING R	ESULTS (ALL FLO	WING ASSETS)							
	ole Date/Time:										
	Parameter		Result			Typic	al EPA Benchmarks			pment	
Tempera	ature (degrees F)									H EC500 H EC500	
Specific 6	Conductivity (uS)									H ECS00	
	inity (ppm S)								EXTEC	H EC500	
	lorine (ppm)					- 1	Reporting Limit			est Strips	
	monia (mg/L)						≥ 0.5 mg/L			est Strips	
Surfa	actants (mg/L)						≥ 0.25 mg/L	T	be sent to Lab or CHEN		Lit K-9400
							235 cfu/100mL			ent to lab	
E.col	li (cfu/100mL)										
E.col Enteroco	occus (cfu/100mL)						> 61 cfu/100mL		To be se	ent to lab	
E.col Enteroco Phosp	phorus (mg/L)						> 61 cfu/100mL		To be so	ent to lab	
E.col Enteroco Phosp ECTION 3B: IN	occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE			2,40,50							
E.col Enteroco Phosp	phorus (mg/L)	Mater	rial	Clock Postion (Outl	et Pipe at 6:00)		Shape		To be so	i.) S	Submerged No.
E.col Enteroco Phosp CCTION 3B: IN	occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE		rial	Clock Postion (Outl							No
E.col Enteroco Phosp CCTION 3B: IN Location ellet Pipe No. 2	phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID	Reinforced Concrete					Shape		Diameter/Dimension (in	In Water:	No
E.col Enteroco Phosp CCTION 3B: IN Location alet Pipe No. 2	nceus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID Db6/-1288 NLET PIPE NO. 2 PHYS Indicat	Mater Reinforced Concrete ICAL INDICATOR or		12:8			Shape		Diameter/Dimension (in	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location nlet Pipe No. 2	occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D091-1288 NLET PIPE NO. 2 PHYS Indicat Asset Data	Mater Reinforced Concrete ICAL INDICATOR or nage		12:8	licator Present?		Shape		Diameter/Dimension (in 24	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location nlet Pipe No. 2	Decesis (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DMH-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dat DepositeS	Mater Reinforced Concrete ICAL INDICATOR or nage tains		12:8	licator Present? None		Shape		Diameter/Dimension (in 24	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location nlet Pipe No. 2	nceus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DM1-1288 NLET PIPE NO. 2 PHYS Indicat Asset Date Deposits's Pool Qui	Mater Reinforced Concrete ICAL INDICATOR or nage tains dity		12:8	None None		Shape		Diameter/Dimension (in 24	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location nlet Pipe No. 2 ECTION 3B: IN	Decesis (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DMH-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dat DepositeS	Mater Reinforced Concrete ICAL INDICATOR or nage tains lity Growth	es .	12:8	licator Present? None		Shape		Diameter/Dimension (in 24	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location Location let Pipe No. 2 ECTION 3B: IN	phorus (ng/L) NLET PIPE NO, 2 ASSE Upstream Asset ID D041-1288 NLET PIPE NO, 2 PHYS Indicat Asset Dat Depositus Pool Qu Pipe Algae't ysical indicators suggest an ii	Mater Reinforced Concrete ICAL INDICATOR or nage tains tility Growth Icit discharge is presen 2 Flowing?	at (V/N):	12: 0	None None None None		Shape Circle		Diameter/Dimension (in 24 dicator Description	In Water:	No
E.col Enteroco Phosp ECTION 3B: IN Location alet Pipe No. 2 ECTION 3B: IN *Do ph.	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D=91-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dat Depositus Pool Qu. Pipe Algae' ysical indicators suggest an il Is late Pipe No. NLET PIPE NO. 2 PHYS	Reinforced Concrete ICAL INDICATOR or nage tains ility Growth Ititit discharge is presen 2 Flowing? ICAL INDICATOR	u (V/N):	12: 0: Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	S In Water: With Sediment	No No
E.col Enteroco Phosp CCTION 3B: IN Location thet Pipe No. 2 CCTION 3B: IN *Do ph.	Deces (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D**1-1288 NLET PIPE NO. 2 PHYS Indicat Asset Da. Deposits* Pool Qui Pipe Algae* Is Inder Pipe No. NLET PIPE NO. 2 PHYS Indicator	Reinforced Concrete ICAL INDICATOR or nage tains ility Growth Ititit discharge is presen 2 Flowing? ICAL INDICATOR	ts (V/N): St (ALL FLOWING dicator Present (Yes/No)	12: 0: Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	In Water: With Sediment	No No
E.col Enteroco Phosp CCTION 3B: IN Location det Pipe No. 2 CCTION 3B: IN *Do ph.	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D=91-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dat Depositus Pool Qu. Pipe Algae' ysical indicators suggest an il Is late Pipe No. NLET PIPE NO. 2 PHYS	Reinforced Concrete ICAL INDICATOR or nage tains ility Growth Ititit discharge is presen 2 Flowing? ICAL INDICATOR	u (V/N):	12: 0: Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	S In Water: With Sediment	No No
E.col Enteroco Phosy CCTION 3B; IN Location let Pipe No. 2 *TO ph **Do ph	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DMH-1288 NLET PIPE NO. 2 PHYS Indicat Asset Data Depositus Pool Qui Pipe Algae/ tysical indicators suggest and Is Inlet Pipe No. 2 PHYS Indicator Odor Color Tarbidity	Mater Reinforced Concrete ICAL INDICATOR or nage tains lifty Growth licit discharge is present 2 Flowing? ICAL INDICATOR	at (V/N): SS (ALL FLOWING dicator Present (Yes/No)	12: 0: Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	S In Water: With Sediment timated GPM: Severity	No No
E.col Enteroco Phosy CTION 3B: IN Location Location Lot Pipe No. 2 CTION 3B: IN *Do ph, CTION 3B: IN	phorus (ng/L) Phorus (mg/L) NLET PIPE NO, 2 ASSE Upstream Asset ID D091-1288 NLET PIPE NO, 2 PHYS Indicat Asset Dat Depositivs Piot Qui Fipe Algae(4) ysical indicators suggest an it Is Inter Pipe NO, NLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity ons Not Include Trash)	Reinforced Concrete ICAL INDICATOR or nage tains dity frowth likit discharge is present 2 Flowing? ICAL INDICATOR Inc	at (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No	Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	In Water: With Sediment With Sediment Severity	No No
E.col Enteroco Phoss CCTION 3B: IN Location det Pipe No. 2 CCTION 3B: IN *Do ph CCTION 3B: IN	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D=91-1288 NLET PIPE NO. 2 PHYS Indicat Asset Da Depositus Pool Qu. Pipe Algae' ysical indicators suggest an it Is late Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity oes Not Include Trasb) NLET PIPE NO. 2 SAMI	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	at (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No	Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description	S In Water: With Sediment timated GPM: Severity	No No
E.col Enteroco Phosy CCTION 3B: IN Location alet Pipe No. 2 CCTION 3B: IN *Do ph. CCTION 3B: IN Floatables (D. CCTION 3B: IN Samp	Deces (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D94-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dar Is Inlet Pipe No. 2 PHYS Indicator Suggest an it Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trassb) NLET PIPE NO. 2 SAMI ple Date/Time:	Reinforced Concrete ICAL INDICATOR or nage tains dity frowth likit discharge is present 2 Flowing? ICAL INDICATOR Inc	et (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No C ESULTS (ALL FLO	Inc	None None None None None None		Shape Circle Hoo Description	la	Diameter/Dimension (in 24 dicator Description Es	S In Water: With Sediment Severity Clear	No No
E.col Enteroco Phosy CCTION 3B: IN Location thet Pipe No. 2 CCTION 3B: IN *Do ph CCTION 3B: IN Floatables (Do CCTION 3B: IN Floatables (Do CCTION 3B: IN	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D=91-1288 NLET PIPE NO. 2 PHYS Indicat Asset Da Depositus Pool Qu. Pipe Algae' ysical indicators suggest an it Is late Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity oes Not Include Trasb) NLET PIPE NO. 2 SAMI	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	at (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No	Inc	None None None None None None		Shape Circle	la	Diameter/Dimension (in 24 dicator Description Es	S In Water: With Sediment timated GPM: Severity	No No
E.col Enteroco Phosy CCTION 3B: IN Location let Pipe No. 2 CCTION 3B: IN *Do ph CCTION 3B: IN Floatables (D- CCTION 3B: IN Samp I Temper.	Deces (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D*94-1288 NLET PIPE NO. 2 PHYS Indicat Asset Date Is Inder Pipe No. 2 PHYS Indicators suggest an it Is Inder Pipe No. 2 PHYS Indicator Odor Color Tarbidity oes Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter ature (degrees F) pH	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	at (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No	Inc	None None None None None None		Shape Circle Hoo Description	la	Diameter/Dimension (in 24 dicator Description Ess Equi EXTEC EXTEC	Severity Clear Discount of the ECS00	No No
E.col Enteroco Phosy CCTION 3B: IN Location alet Pipe No. 2 CCTION 3B: IN *Do ph CCTION 3B: IN Floatables (De CCTION 3B: IN Floatables (De CCTION 3B: IN Samp I Temper	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D091-1288 NLET PIPE NO. 2 PHYS Indicator Asset Data Depositus Pipe Algaet sysical indicators suggest an it Is latel Pipe NO. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity Color Tarbidity Dese Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter ature (degrees F) pil Conductivity (uS)	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	at (V/N): RS (ALL FLOWING dicator Present (Yes/No) No No	Inc	None None None None None None	Турі	Shape Circle Mod Description	la	Diameter/Dimension (in 24 dicator Description Ess Equi EXTEC EXTEC	Severity Clear Clear H ECS00 H ECS00 H ECS00	No No
E.col Enteroco Phosy CCTION 3B: IN Location thet Pipe No. 2 CCTION 3B: IN *Do ph CCTION 3B: IN Floatables (De CCTION 3B: IN Samp I Temper Specific (Sali	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D%1-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposites Pool Que Pipe Algae't sysical indicators suggest an it Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity Odor Color Tarbidity Deposites NLET PIPE NO. 2 PHYS Indicator Oder Color C	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	ts (V/N): ts (ALL FLOWING dicator Present (Yes/No) No . ESULTS (ALL FLO Result 71.6 7.51 498 233	Inc	None None None None None None	Турі	Shape Circle Moc Description al EPA Benchmarks	la	Diameter/Dimension (in 24 dicator Description Est Equi EXTEC EXTEC EXTEC	Severity Clear Person H ECS00 H ECS00 H ECS00 H ECS00 H ECS00	No No
E.col Enteroco Phosy ECTION 3B: IN Location alet Pipe No. 2 ECTION 3B: IN *Do ph ECTION 3B: IN Floatables (D- ECTION 3B: IN Samp I Temper Specific to	Deces (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D941-1288 NLET PIPE NO. 2 PHYS Indicat Asset Dar Is Inlet Pipe No. 2 PHYS Indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter rature (degrees F) pil Conductivity (uS) Inity (ppm S) Iorline (ppm)	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	Result 7.51 438 233 6	Inc	None None None None None None	Турі	Shape Circle Description Mod Description	la	Diameter/Dimension (in 24 dicator Description Equi EXTEC EXTEC EXTEC EXTEC Hach T	Severity Clear Discount H ECS00 HH ECS00 ett Strips	No No
E.col Enteroco Phosy ECTION 3B: IN Location altet Pipe No. 2 ECTION 3B: IN *Do ph *COLUMN 3B: IN *To ph Floatables (Do ECTION 3B: IN Samp I Temper Specific Sali Chi Anne	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D091-1288 NLET PIPE NO. 2 PHYS Indicator Asset Dat Deposites Pool Qui Fipe Algac't sysical indicators suggest an it Is lated Tipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity Odor Solve Not Include Trassb) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (pgm S) lootrine (ppm) monia (mg/L)	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	SS (ALL FLOWING dicator Present (Yes/No) No No No RESULTS (ALL FLO Result 71.6 6 7.51 428 233 8 1 1	Inc	None None None None None None	Турі	Shape Circle Mod Description al EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L	In In	Diameter/Dimension (in 24 dicator Description Equi EXTEC E	Severity Clear Clear H ECS00	No No
E.col Enteroco Phosy ECTION 3B: IN Location nlet Pipe No. 2 ECTION 3B: IN *Do ph. ECTION 3B: IN *To ph. Floatables (D. ECTION 3B: IN Floatables (D. ECTION 3B: IN Samp I Temper Specific Sali Chl Amm	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D%1-1288 NLET PIPE NO. 2 PHYS Indicat Asset Date Pipe Algae't sysical indicators suggest an it Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ocs Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) Inity (ppm) Into Into Into Into Into Into Into Into	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	Result 7.51 438 233 6	Inc	None None None None None None	Турі	Shape Circle Description Mod Description	In In	Diameter/Dimension (in 24 dicator Description Equi EXTEC EXTEC EXTEC EXTEC EXTEC Hach T Hach T o be sent to Lab or CHE	Severity Clear Clear H ECS00	No No
E.col Enteroco Phosy ECTION 3B: IN Location nlet Pipe No. 2 ECTION 3B: IN *Do ph ECTION 3B: IN Floatables (D: ECTION 3B: IN Samp I Temper Specific that Amm Surfar E.col	Decus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D091-1288 NLET PIPE NO. 2 PHYS Indicator Asset Dat Deposites Pool Qui Fipe Algac't sysical indicators suggest an it Is lated Tipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Tarbidity Odor Solve Not Include Trassb) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (pgm S) lootrine (ppm) monia (mg/L)	Reinforced Reinforced ICAL INDICATOR or nage tains lity Growth Ricit discharge is present 2 Flowing? ICAL INDICATOR Inc No PLING/TESTING RI	RESULTS (ALL FLOWING dicator Present (Yes/No) No No Prince (ALL FLOWING ALL FL	Inc	None None None None None None	Турі	Shape Circle Moc Description All EPA Benchmarks Reporting Limit Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	In In	Diameter/Dimension (in 24 dicator Description Equi EXTEC EXTEC EXTEC EXTEC EXTEC EXTEC EXTEC Tobes Tobes	In Water: With Sediment Severity Clear Person H ECS00 H ECS00 H ECS00 H ECS00 Set Strips Mets Detergents K	No No

Location	Upstream Asset ID	SSET DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3	CB-893	Vitrified Clay	3:00	Circle	8 In Water. With Sediment:
	NI ET DIDE NO. 2 D				With Sediment.
SECTION 3C: I	The state of the s	HYSICAL INDICATORS dicator	Indicator Present?		Indicator Description
	Asse	Damage	None		
	Depo	sits/Stains	None		
		Quality gae/Growth	None None		
*Do pl		gae/Growth an illicit discharge is present (Y/N):	None		
		r No.3 Flowing?	No		Estimated GPM:
SECTION 3C: 1	INLET PIPE NO. 3 P	HYSICAL INDICATORS (ALL FLOV	VING ASSETS)		
	Indicator	Indicator Present (Y	es/No)	Description	Severity
	Odor Color				
	Turbidity				
	Does Not Include Trash)				·
		AMPLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
	pple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equipment
	rature (degrees F)	- 1	NC34IV	Typical ETA Deticinial is	EXTECH EC500
	pН				EXTECH EC500
	Conductivity (uS)				EXTECH EC500 EXTECH EC500
	linity (ppm S) hlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	amonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Surf	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	sphorus (mg/L)			> 61 cfu/100mL	To be sent to lab To be sent to lab
Charles of the Parket	THE RESERVE TO SERVE THE PARTY OF THE PARTY	SSET DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water: With Sediment:
SECTION 3D: 1	INLET PIPE NO. 4 P	HYSICAL INDICATORS			
		dicator	Indicator Present?		Indicator Description
		Damage sits/Stains			
_		Quality			
	Pipe Al	gae/Growth			
*Do pl		an illicit discharge is present (Y/N):			1
SECTION 3D: 1		: No.4 Flowing? HYSICAL INDICATORS (ALL FLOW	VINC ACCETCY		Estimated GPM:
BOOKS CO.	Indicator	Indicator Present (Y	C. Carlotte and C. Carlotte an	Description	Severity
	Odor			2	Strany
	Color				
	Turbidity Does Not Include Trash)			•	
STATE OF STREET		AMPLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
	ple Date/Time:				
	Parameter		Result	Typical EPA Benchmarks	Equipment
Temper	pH				EXTECH ECS00
Specific	Conductivity (uS)				EXTECH EC500 EXTECH EC500
Sal	linity (ppm S)				EXTECH EC500
	alorine (ppm)	2		≥ Reporting Limit	Hach Test Strips
	monia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	factants (mg/L) oli (cfu/100mL)			≥ 0.25 mg/l > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
	occus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
Phos	sphorus (mg/L)				To be sent to lab
	NLET PIPE NO. 5 A	SET DESCRIPTION			
SECTION 3F-1	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
SECTION 3E: I			, value i quan (vov)	Disapt	In Water:
Location				1	With Sediment;
Location Inlet Pipe No. 5	NI PT DIDE NO. 5 PM	Velcal Diplosters			
Location Inlet Pipe No. 5	The second second second second	IYSICAL INDICATORS	Indiana Barras		# 35 W
Location Inlet Pipe No. 5	Inc	IYSICAL INDICATORS licator Damage	Indicator Present?		Indicator Description
Location Inlet Pipe No. 5	Inc Asset Depo:	licator Damage its/Stains	Indicator Present?		Indicator Description
Location Inlet Pipe No. 5	Inc Asset Depo: Pool	licator Damage its/Stains Quality	Indicator Present?		Indicator Description
Location Inlet Pipe No. 5 SECTION 3E: I	In Asset Depo: Pool Pipe Al systeal indicators suggest	licator Damage its/Stains Quality gaeGrowth an illicit discharge is present (V/N):	Indicator Present?		Indicator Description
Location Inlet Pipe No. 5 SECTION 3E: 1	Inc Asset Depos Pool Pipe Al aysical indicators suggest Is Inlet Pipe	licator Damage Its/Stains Quality 2ac/Growth an illicit discharge is present (V/N): No.5 Flowing?			Indicator Description Estimated GPM:
Location Inlet Pipe No. 5 SECTION 3E: I	In Asset Depos Pool Pipe Al sysical indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI	licator Damage itis/Stains Quality gae/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW	ING ASSETS)		Estimated GPM:
Location Inlet Pipe No. 5 SECTION 3E: I	Inc Asset Depos Pool Pipe Al aysical indicators suggest Is Inlet Pipe	licator Damage Its/Stains Quality 2ac/Growth an illicit discharge is present (V/N): No.5 Flowing?	ING ASSETS)	Description	
Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: II	In Asset Depo Pool Pipe Al Asset Signed Indicators suggest Is later Pipe NLET PIPE NO. 5 PI Indicator Odor Color	licator Damage III:s/Stains Quality gae/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N)	ING ASSETS)	Description	Estimated GPM:
Location Inlet Pipe No. 5 SECTION 3E: I	In Asset Depo Paod Pipe Al systeal indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity	licator Damage itis/Stains Quality gae/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW	ING ASSETS)	Description	Estimated GPM: Severity
Location Inlet Pipe No. 5 SECTION 3E: I *Do pb SECTION 3E: II	In Asset Depoi Pool Pool Pipe Al aysical indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity oos Not Include Trash)	licator Damage Its/Stains Quality 226/Growth an Illicit discharge is present (V/N): No.5 Flowing? IVSICAL INDICATORS (ALL FLOW Indicator Present (V/N)	ING ASSETS)		Estimated GPM:
Location Inlet Pipe No. 5 SECTION 3E: I *Do pt SECTION 3E: I Floatables (D SECTION 3E: I)	In Asset Depoi Pool Pool Pipe Al aysical indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity oos Not Include Trash)	licator Damage III:s/Stains Quality gae/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N)	ING ASSETS)		Estimated GPM: Severity
Location Inlet Pipe No. 5 SECTION 3E: I: *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sam)	In Asset Depor Paol Pipe Al Aysical indicators suggest Is Inlet Pipe NLET PIPE NO, 5 PI Indicator Odor Color Turbidity boes Not Include Trash) NLET PIPE NO, 5 SA ple Date/Time: Parameter	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS)		Estimated GPM: Severity - Equipment
Location Inlet Pipe No. 5 SECTION 3E: I: *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sam)	Inc. Asset Depoi Pool Pipe Al systeal indicators suggest Is lalet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity Octs Not Include Trash) NLET PIPE NO. 5 SA Ple Date/Time: Parameter Parameter Tarture (degrees F)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500
Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sam Temper	In Asset Depo Paol Pipe Al systeal indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Color Turbidity Oost Not Include Trash) NLET PIPE NO. 5 SA ple Date/Time: Parameter rature (degrees F) pH	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500
Location Inlet Pipe No. 5 SECTION 3E: I: *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sami	Inc. Asset Depoi Pool Pipe Al systeal indicators suggest Is lalet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity Octs Not Include Trash) NLET PIPE NO. 5 SA Ple Date/Time: Parameter Parameter Tarture (degrees F)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500
Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Samp Temper Specific Sala Ch	In Asset Depo Paol Pipe Al sysical indicators suggest Is Inlet Pip NLET PIPE NO, 5 PI Indicator Color Turbidity ooes Not Include Trash) NLET PIPE NO, 5 SA ple Date/Time: Parameter atture (degrees F) pH Conductivity (uS) Initiv (ppm S)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Location Inlet Pipe No. 5 SECTION 3E: II *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sam Temper Specific Sal Ch Am	Inc. Asset Depo Paol Pipe Al aysical indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity boes Not Include Trash) NLET PIPE NO. 5 SA ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (ppm S) Inotine (ppm) monia (mg/L)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/t	Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hash Test Strips Hash Test Strips
Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Samp Temper Specific Sala Ch Amm Surf	In Asset Depo Paod Pipe Al systeal indicators suggest Is Inter Fip NLET PIPE NO, 5 PI Indicator Color Turbidity Oces Not Include Trash) NLET PIPE NO, 5 SA ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (ppm) monia (mg/L) actants (mg/L)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hash Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Location Inlet Pipe No. 5 SECTION 3E: II *Do ph SECTION 3E: II SECTION 3E: II Samp Temper Specific Sala Ch Am Surf E.co	Inc. Asset Depo Paol Pipe Al aysical indicators suggest Is Inlet Pipe NLET PIPE NO. 5 PI Indicator Odor Color Turbidity boes Not Include Trash) NLET PIPE NO. 5 SA ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) inity (ppm S) Inotine (ppm) monia (mg/L)	licator Damage Its/Stains Quality gaze/Growth an illicit discharge is present (V/N): No.5 Flowing? IYSICAL INDICATORS (ALL FLOW Indicator Present (V/N) MPLING/TESTING RESULTS (ALL	ING ASSETS) st(No) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/t	Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hash Test Strips Hash Test Strips

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Indicator Indicator Indicator Present? Indicator Description Indicator Present? Indicator Description Indicator Present? Indicator Description Indicator De	Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe :	at 6:00) Shape		Diameter/Dimension (in.)	Subme
SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Indicator Present? Indicator Description Asset Damage Deposits Scains Pped Quality Pipe Algae-Growth **Indicator suggest an illied idecharge is present (V/N): Is Inlet Pipe No. 6 Flowing? Estimated GPM: SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Present (Yes/No) Description Severity Godor Description Severity Floatables (Does Not Include Trash) SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) PH Specific Conductivity (u.S) Specific Conductivity (u.S) Specific Conductivity (u.S) Sulicity (ppm S) Chlorine (ppm) 2 Reporting Limit Hash Test Strips Ammonia (mg/L) 2 0.25 mg/L To be sent to lab or their to tab	Inlat Pina No. 6							In Water:
Indicator Indicator Indicator Present? Indicator Description	inici ripe ivo. 6							With Sediment:
Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth **Ibo physical indicators suggest an illicit discharge is present (Y/N): Bit Fipe No. 6 Flowing? **SECTION 3F: INLET PIPE NO. 6 PIMYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Indicator Present (Yes/No) Odor Color Turbidity SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) **SECTION 3F: INLET PIPE NO. 6	SECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS					
Deposits/Scalars Pool Quality Severity Pipe Algae Growth Severity Settled File No. 6 Flawing? Estimated GPM: SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Severity		Indicator		Indicator P	resent?		Indicator Description	
Pool Quality		Asset Damage						
Pipe Algac Growth **Do physical indicators suggest an illicit discharge is present (Y/N): Is link! Pipe No.6 Plowing? SECTION 3F; INLET PIPE NO.6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity SECTION 3F; INLET PIPE NO.6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) SECTION 3F; INLET PIPE NO.6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) SECTION 3F; INLET PIPE NO.6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) SECTION 3F; INLET PIPE NO.6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) pH SECTION 3F; INLET PIPE NO.6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Selfic Conductivity (uS) Specific Conductivity (uS) Specific Conductivity (uS) Specific Conductivity (uS) Specific Conductivity (uS) Salinity (ppn S) Chlorine (ppn) Ammonia (mg/L) Ammonia (mg/L) Surfactants (mg/L) Su								
*Do physical indicators suggest an illicit discharge is present (Y/N): Is latel Fipe No.6 Flowing? Indicator Indicator Indicator Indicator Present (Yes/No) Description Severity								
Is Inlet Pipe No.6 Flowing? SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Indicator Present (Yes/No) Description Severity Odor Color Turbidity Floatables (Does Not Include Trash) SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) pH Specific Conductivity (uS) Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Section				3				
Indicator	*Do ph			4 (4				
Indicator		Is Inlet Pipe No.6 Flow	ing?				Estin	nated GPM:
Odor	SECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLO	WING ASSETS)				
Color Turbidity Color			Indicator Present (Yes/No)	Description			Severity
Turbidity								
Floatables (Does Not Include Trash) SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) EXTECH EC500 Specific Conductivity (uS) EXTECH EC500 Specific Conductivity (uS) EXTECH EC500 Salinity (opm S) EXTECH EC500 Chlorine (ppm) EXTECH EC500 Chlorine (ppm) EXTECH EC500 Ammonia (mg/L) Experiment Hach Test Strips Ammonia (mg/L) Experiment								
Section 35: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			•		•			
Sample Date/Time: Result Typical EPA Benchmarks Equipment Temperature (degrees F) EXTECH ECS00 pII EXTECH ECS00 Specific Conductivity (uS) EXTECH ECS00 Salinity (ppm S) EXTECH ECS00 Chlorine (ppm) 2 Reporting Umit Hach Test Strips Ammonia (mg/L) 2.0.5 mg/L Hach Test Strips Surfactants (mg/L) 2 0.25 mg/L To be sent to Lab or CHEMets Detergents E.coil (cfu/100mL) > 23.55 cfu/100mL To be sent to Lab	Floatables (D	loes Not Include Trash)						-
Parameter Result Typical EPA Benchmarks Equipment	SECTION 3F: II	NLET PIPE NO. 6 SAMPLING	S/TESTING RESULTS (ALI	L FLOWING ASSETS)				
Temperature (degrees F)	Sami	ple Date/Time:						
pH EXTECH ECS00 Specific Conductivity (uS) EXTECH ECS00 Salinity (ppm S) EXTECH ECS00 Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents E-coli (cfu/100mL) > 235 cfu/100mL To be sent to Lab	J	Parameter		Result	Typical EPA Benchmark	s	Equipn	ient
Specific Conductivity (uS) EXTECH ECS00 Salinity (ppm S) EXTECH ECS00 Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactant (mg/L) ≥ 0.5 mg/L To be sent to Lab or CHEMets Detergents E-coli (cfu/100mL) > 23.5 cfu/100mL To be sent to Lab	Temper	rature (degrees F)					EXTECH	EC500
Salinity (ppm S) EXTECH EC500 Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMSto Detergents E.coli (cfu/100mL) > 235 cfu/100mL To be sent to Lab		pH					EXTECH	EC500
Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents E.coli (cfu/100mL) > 23.5 cfu/10mL To be sent to Lab								
Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents E.coli (cfu/100mL) > 235 cfu/100mL To be sent to lab	Sal	linity (ppm S)					EXTECH	EC500
Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents E. coli (cfu/100mL) > 235 cfu/100mL To be sent to lab	Ch	lorine (ppm)			≥ Reporting Limit		Hach Test	Strips
E.coli (cfu/100mL) > 235 cfu/100mL To be sent to lab	Am	monia (mg/L)			≥ 0.5 mg/L		Hach Test	Strips
	Surf	actants (mg/L)			≥ 0.25 mg/L		To be sent to Lab or CHEMe	ts Detergents Kit K-9
2 (100)	E.co	di (cfu/100mL)			> 235 cfu/100mL		To be sent	to lab
	Enteroce	occus (cfu/100mL)			> 61 cfu/100mL		To be sent	
Phosphorus (mg/L) To be sent to lab	Phos	sphorus (mg/L)					To be sent	to lab
	12							
Comments:								

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Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA					OFFERT P				
	2019-08-21 8:53:00					OUTFALL ID	1			
Femperature: °F						Inspector(s):	Carrie Prescott Andres Hus Beckworth Erin McGuire Eve	tado Samuel Mar	inez Zebulan Day	Derek
Street Name/Struc	cture Location:	NORTH AVE					To severe effective according [EVI	cousty		
Previous Prec	cipitation Date/End Time:	2819-08-18 22: 15: 80			Amount (inches):	0.3/				
	9	A								
ECTION 2: O	OUTLET PIPE ASSET DE	SCRIPTION			-					
Location	DMH Interior Co			Material			Shape	Diameter/	Dimension (in.)	Submerged
MH Outlet Pipe	Fair		Vitrifie	d Clay			Circle		24	In Water; No With Sediment; No
	INLET PIPE NO. 1 ASSE Upstream Asset ID			Clock Postion (Outle	1 Plan at 6 00)			la:		
Location Inlet Pipe No. 1	CB-799	Material Vitrified Clay		9:00	t ripe at 6:00)		Shape	Di	ameter/Dimension (i	in.) Submerged In Water: No
		***************************************		9:00			Circle			With Sediment: No
ECTION 3A:	INLET PIPE NO. 1 PHYS Indicat	A STATE OF THE PARTY OF THE PAR		11	anton Document				n n	
	Asset Dar			Indi	cator Present? Cracking			Indi	cator Description	
	Deposits/S	tains			None					
	Pool Qua Pipe Algae/6				None					
*Do p	ohysical indicators suggest an il	licit discharge is present (Y/	N):		No					
	Is Inlet Pipe No.				No				F	Estimated GPM:
ECTION 3A: I	INLET PIPE NO. 1 PHYS									
	Indicator Odor	Indicate	or Present (Yes/	No)			Description			Severity
	Color									
	Turbidity									
	Does Not Include Trash) INLET PIPE NO. 1 SAMI	I INC/TESTING BEST	TTS (ALL PI	OWING ASSETS						•
	nple Date/Time:	LINGIESTING RESU	DIS (ALL FI	WHITE ASSETS)						
	Parameter		Rest	alt		Турі	cal EPA Benchmarks		Equ	iipment
Tempe	erature (degrees F)						711 - 1111 - 1			CH EC500
Specific	pH c Conductivity (uS)									CH EC500 CH EC500
	alinity (ppm S)									CH EC500
	hlorine (ppm)					-	Reporting Limit			Test Strips
	nmonia (mg/L) rfactants (mg/L)						≥ 0.5 mg/L ≥ 0.25 mg/L	Tol		Test Strips EMets Detergents Kit K-9400
	oli (cfu/100mL)						> 235 cfu/100mL	101		sent to lab
							> 61 cfu/100mL		To be	sent to lab
	coccus (cfu/100mL)									
	coccus (cfu/100mL) osphorus (mg/L)								To be	sent to lab
Pho ECTION 3B: 1	osphorus (mg/L) INLET PIPE NO. 2 ASSE	A STATE OF THE PARTY OF THE PAR							To be	sent to lab
Pho- ECTION 3B: I Location	osphorus (mg/L)	Material		Clock Postion (Outle			Shape Circle	Di	ameter/Dimension (i	in.) Submerged In Water; No
Pho- ECTION 3B: I Location Inlet Pipe No. 2	osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID	Material Vitrified Clay		Clock Postion (Outle			Shape Circle	Di		in.) Submerged
Pho- SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 2 ASSE Upstream Asset ID Did1-9495 INLET PIPE NO. 2 PHYS Indicat	Material Vitrified Clay ICAL INDICATORS or		11:00					ameter/Dimension (i	in.) Submerged In Water; No
Pho. ECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO, 2 ASSE Upstream Asset ID DM1-9495 INLET PIPE NO, 2 PHYS Indicat Asset Dat	Material Vitrified Clay ICAL INDICATORS or nage		11:00	cator Present?				ameter/Dimension (i 18	in.) Submerged In Water; No
Pho- SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 2 ASSE Upstream Asset ID D91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat	Material Vitrified Clay ICAL INDICATORS or nage tains		11:00	cator Present?				ameter/Dimension (i 18	in.) Submerged In Water; No
Pho ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID D99-9495 INLET PIPE NO. 2 PHYS Indicat Asset Day Deposits/S Pool Qui	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth		11:00	cator Present? None None None None				ameter/Dimension (i 18	in.) Submerged In Water; No
Pho ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID UPst-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar Deposits Pool Qu: Pipe Algae?	Material Vitrified Clay ICAL INDICATORS or nage tatins lity Growth lititidischarge is present (Y/7)	N):	11:00	cator Present? None None None None None None		Circle	Indi	ameter/Dimension (i 18	in.) Submerged In.Water: No With.Sediment: No
Pho. ECTION 3B: 1 Location Inlet Pipe No. 2 ECTION 3B: 1	INLET PIPE NO. 2 ASSE Upstream Asset ID D*91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar Depositus Pool Qui Pipe Algae® Obysical indicators suggest an il	Material Vitrified Clay ICAL INDICATORS or nage takins lity Frowth Bicti discharge is present (V/7 2 Flowing?		11:00 Indi	cator Present? None None None None		Circle		ameter/Dimension (i 18	in.) Submerged In Water; No
Pho. ECTION 3B: 1 Location Inlet Pipe No. 2 ECTION 3B: 1	INLET PIPE NO. 2 ASSE Upstream Asset ID D91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat DepositeS Fool Qui Pipe Algae* Obsysical indicators suggest an II Is Inter Pipe No. 2 PHYS Indicator	Material Vitrified Clay ICAL INDICATORS or nage talins lifty Frowth licit discharge is present (V/? 2 Flowing? ICAL INDICATORS (A		11:00 Indi	cator Present? None None None None None None		Circle	Indi	ameter/Dimension (i 18	in.) Submerged In.Water: No With.Sediment: No
Pho. ECTION 3B: 1 Location Inlet Pipe No. 2 ECTION 3B: 1	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat Depositys Fool Qui Pipe Algae(obsysical indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor	Material Vitrified Clay ICAL INDICATORS or nage talins lifty Frowth licit discharge is present (V/? 2 Flowing? ICAL INDICATORS (A	ALL FLOWIN or Present (Yes/I	11:00 Indi	cator Present? None None None None None None		Circle	Indi	ameter/Dimension (i 18	in.) Submerged In.Water, No With Sediment No Eatlmated GPM:
Pho ECTION 3B: I Location nlet Pipe No. 2 ECTION 3B: I *Do pl	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Day Deposits's Pool Qui Pipe Algae'd Distribution in the tripe No. 1 Phys Indicator Suggest an its linet Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color	Material Vitrified Clay ICAL INDICATORS or nage talins lifty Frowth licit discharge is present (V/? 2 Flowing? ICAL INDICATORS (A	ALL FLOWIN or Present (Yes/!	11:00 Indi	cator Present? None None None None None None		Circle	Indi	ameter/Dimension (i 18	in.) Submerged In.Water; No With Sediment: No Estimated GPM:
Pho ECTION 3B: Location Idet Fipe No. 2 ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat Depositys Fool Qui Pipe Algae(obsysical indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor	Material Vitrified Clay ICAL INDICATORS or nage talins lifty Frowth licit discharge is present (V/? 2 Flowing? ICAL INDICATORS (A	ALL FLOWIN or Present (Yes/2 No No	11:00 Indi	cator Present? None None None None None		Circle Mod Description	Indi	ameter/Dimension (i 18	in.) Submerged In.Water: No With Sediment: No Estimated GPM:
Pho ECTION 3B: Location Inter Pipe No. 2 ECTION 3B: I 'Do pi ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Day Deposits/S Pool Qui Pipe Algae/O obsysical indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No	Indi	cator Present? None None None None None		Circle Mod Description	Indi	ameter/Dimension (i 18	in.) Submerged In Water; No With Sediment: No Estimated GPM: Severity Clear
Pho ECTION 3B; I Location Inlet Pipe No. 2 ECTION 3B: I *Do pi ECTION 3B: I Floatables (I ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID D91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat DepositeS Fool Qui Pipe Algae* Obsysical indicators suggest an II Is Inter Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI uple Date/Time:	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth lititidischarge is present (V/? 2 Flowing? ICAL INDICATORS (A	NO NO	Indi GG ASSETS) (OWING ASSETS)	cator Present? None None None None None		Circle Mod Mod Description	Indi	ameter/Dimension (i 18 cator Description	in.) Submerged In Water; No With Sediment: No Estimated GPM: Severity Clear
Pho ECTION 3B: Location Inter Pipe No. 2 ECTION 3B: I *Do pi ECTION 3B: I Floatables (I ECTION 3B: Sam	INLET PIPE NO. 2 ASSE Upstream Asset ID D*91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar DeposityS Pool Qui Fipe Algae® ohysical indicators suggest an in Is Inlet Pipe No. 2 PHYS INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI nulled Date/Time: Parameter	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No	Indi Indi IG ASSETS) OWING ASSETS)	cator Present? None None None None None		Circle Mod Description	Indi	ameter/Dimension (i 18 cator Description F	in.) Submerged In Witt: No With Sediment: No Estimated GPM: Severity Clear
Pho ECTION 3B; I Location Inlet Pipe No. 2 ECTION 3B; I *Do pl ECTION 3B; I Floatables (I ECTION 3B; I	INLET PIPE NO. 2 ASSE Upstream Asset ID D91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar DepositeS Pool Qui Pipe Algae(obsysical indicators suggest an in Is Inter Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI upple Date/Time: Parameter Parameter Farameter	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No LTS (ALL FL Ress 73. 7.3	Indi OG ASSETS) OWING ASSETS) alt 9	cator Present? None None None None None		Circle Mod Mod Description	Indi	ameter/Dimension (i 18 cator Description Equ Equ EXTE	in.) Submerged In.Witt: No With Sediment: No Estimated GPM: Severity Clear
Pho ECTION 3B: 1 Location Inlet Pipe No. 2 ECTION 3B: 1 *Do pi ECTION 3B: 1 Floatables (I ECTION 3B: Sam Tempe	INLET PIPE NO. 2 ASSE Upstream Asset ID D*91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dat DeposityS Pool Qui Pipe Algae® Ohysical indicators suggest an in Is Inlet Pipe No. 2 PHYS INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI nple Date/Time: Parameter erature (degrees F) PH C Conductivity (uS)	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No LTS (ALL FL Rest 73. 7.3	Indi Indi IG ASSETS) OWING ASSETS)	cator Present? None None None None None	Typi	Circle Mod Mod Description	Indi	ameter/Dimension (i 18 cator Description Equ EXTE	in.) Submerged In Water, No With Sediment No Estimated GPM: Severity Clear
Pho SECTION 3B; I Location Inlet Pipe No. 2 SECTION 3B: I *Do pi SECTION 3B: I SECTION 3B: I Floatables (I SECTION 3B: Sam Tempe Specific	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Date Depositus Pipe Algae ⁽¹⁾ Other Pipe No. 2 PHYS Indicators suggest an It Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI nple Date/Time: Parameter Faranter degrees F) pil c Conductivity (uS) aliatiy (apm S)	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No Present (Yes/2 No	Indi Indi OWING ASSETS) OWING ASSETS)	cator Present? None None None None None	Турі	Circle Mod Mod Description	Indi	ameter/Dimension (i 18 cator Description Equ EXTE- EXTE- EXTE-	in.) Submerged In.Water: No With Sediment: No With Sediment: No Severity Clear CH EC500
Pho SECTION 3B; I Location Inlet Pipe No. 2 SECTION 3B: I *Do pi SECTION 3B: I Floatables (I SECTION 3B: I Sam Tempe Specific Sa Cl	INLET PIPE NO. 2 ASSE Upstream Asset ID D91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar DeposityS Fool Qu Pipe Algae* Obspacial indicators suggest an in Is Intet Pipe No. 2 PHYS Indicators suggest an in Is Intet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (ppm S) Morine (ppm)	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No LTS (ALL FL Rest 73. 7.3	Indi OG ASSETS) OWING ASSETS) att 9 8 6 6 7	cator Present? None None None None None	Турі	Circle Mod Description Cal EPA Benchmarks Reporting Unit Reporting Unit	Indi	equence of the extrement of the extremen	in.) Submerged In.Witt: No With Sediment: No Estimated GPM: Severity Clear
Pho SECTION 3B; I Location Inlet Pipe No. 2 SECTION 3B: I *Do pi SECTION 3B: I Floatables (I SECTION 3B: I Can Section Sec	INLET PIPE NO. 2 ASSE Upstream Asset ID D991-9495 INLET PIPE NO. 2 PHYS Indicat Asset Date Depositus Pipe Algae ⁽¹⁾ Obysical indicators suggest an in Is later Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI nple Date/Time: Parameter resture (degrees F) pil c Conductivity (uS) aliality (apm S) hiborine (apm) monoia (mg/L) fractants (mg/L)	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	No No No No No No No No	Indi Indi GG ASSETS) (OWING ASSETS) att 9 8 6 6 7 7 8 8 8 6 7 8 8 8 8 8 8 8 8 8 8	cator Present? None None None None None	Typi	Circle Mod Mod Description Percription Reporting timit Reporting timit 2 0.5 mg/t 2 0.25 mg/t	Indi	Equ EXTE EXTE EXTE EXTE EXTE EXTE EXTE EXT	in.) Submerged In.Water: No With Sediment: No With Sediment: No Severity Clear CH EC500
Pho SECTION 3B; I Location Inlet Pipe No. 2 SECTION 3B: I *Do pl *ECTION 3B: I SECTION 3B: I Floatables (I SECTION 3B: I Can Can Can Can Can Can Can Ca	INLET PIPE NO. 2 ASSE Upstream Asset ID D*91-9495 INLET PIPE NO. 2 PHYS Indicat Asset Dar Deposits'S Pool Qu: Pipe Algae't ohysical indicators suggest an ii Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI mple Date/Time: Parameter Parameter Parameter Parameter Parameter Pip H c Conductivity (uS) aliairy (ppm S) hiborine (ppm) mmonia (mg/L)	Material Vitrified Clay ICAL INDICATORS or nage tains lity Frowth Bicti discharge is present (V/? 2 Flowing? ICAL INDICATORS (A Indicate	Rest P12 Rest P12 Rest P13 P14 Rest P15 Rest P15 Rest P15 Rest P16 Rest P17 Rest P17 Rest P18	Indi Indi GG ASSETS) (OWING ASSETS) att 9 8 6 6 7 7 8 8 8 6 7 8 8 8 8 8 8 8 8 8 8	cator Present? None None None None None	Турі	Mod Description	Indi	Equ EXTE EXTE EXTE EXTE Hach To be sent to Lab or CHE	Estimated GPM: Clear CH ECS00 CH ECS00 CH ECS00 CH SESSUP

To be sent to lab

Phosphorus (mg/L)

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 6						In Water:
iniet ripe ivo. o						With Sediment:
SECTION 3F: IN	LET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt	h				
*Do ph	ysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flow	ving?			Estir	mated GPM:
SECTION 3F: IN	LET PIPE NO. 6 PHYSICAL	LINDICATORS (ALL FLO	WING ASSETS)			
	Indicator	Indicator Present ((Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
Floatables (De	oes Not Include Trash)					
SHEET COMPANY		G/TESTING RESULTS (ALI	L FLOWING ASSETS)			
Samp	de Date/Time:			Torical CDA Devaluation	Parts	
Samp P	ele Date/Time:		Result	Typical EPA Benchmarks	Equip	
Samp P	ole Date/Time: Parameter ature (degrees F)			Typical EPA Benchmarks	EXTECH	EC500
Samp P Temper	le Date/Time: 'arameter ature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500
Samp P Temper Specific	le Date/Time: 'arameter ature (degrees F) pH Conductivity (uS)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH	EC500 EC500 EC500
Samp P Temper: Specific (Sali	le Date/Time: 'arameter sture (degrees F) pH Conductivity (uS) nity (ppm S)				EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500
Samp F Temper: Specific 6 Sali Chl	le Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (opm S) orine (ppm)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test	EC500 EC500 EC500 EC500 EStrips
Samp F Temper: Specific (Sali Chl	le Date/Time: 'arameter sture (degrees F) pH Conductivity (uS) nity (ppm S) orine (ppm) nonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	EC500 EC500 EC500 EC500 (Strips (Strips
Samp P Temper: Specific (Sali Chl Amn	le Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (opm S) orline (ppm) nonia (mg/L) cctants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hash Test Hosh To be sent to Lab or CHEME	EC500 EC500 EC500 EC500 (Strips (Strips
Samp P Temper: Specific of Sali Chl Ame Surfa	le Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) orline (ppm) nonia (mg/L) cicants (mg/L) i (cfu/100mL)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test To be sent to Lab or CHEMe To be son	EC500 EC500 EC500 EC500 EC500 EC500 Strips Strips ts Detergents Kit K-9400 t to lab
Samp P Temper: Specific of Sali Chl Amm Surfa E.col	le Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (opm S) orline (ppm) nonia (mg/L) cctants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hash Test Hosh To be sent to Lab or CHEME	EC500 EC500 EC500 EC500 (Strips Strips ts Detergents Kit K-9400 t to lab

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Haverhill IDDE Inspection Form Drain Manhole

	BACKGROUND DATA								
ASSET ID:	DMH-581				OUTFALL ID	:			
Date/Time:	2019-08-21 8:54:00					Carrie Prescott Andres H	urtado Samuel Marinez	[Zebulan Day De	rek
Temperature: °F Street Name/Stru		NORTH AVE			Inspector(s):	Beckworth Erin McGuire E	velynn Cousey		
	cipitation Date/End Time:	2019-08-18 22:15:00		Amount (inches):	0.37				
Pictures			1						
CECTION A. C	NETI ET BIBE ACCET DE	COMPTION	la constant						
Location	DMH Interior Co		Material			Shape	Diameter/Dime	nsian (in.)	Submerged
DMH Outlet Pipe		Reinforce				Circle	24	and they	In Water: No With Sediment: No
			i i	THE STATE OF					Transportation No.
SECTION 3A: Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Out	let Pine at 6:00)	1	Shape	Diamet	er/Dimension (in.	Cubmanad
Inlet Pipe No. 1	CB-800	Ductile Iron	9:00			Circle	Diamer	8	In Water: No
	INLET PIPE NO. 1 PHY				-				With Sediment: No
SECTION SAL	Indica		Inc	licator Present?			Indicator	Description	
	Asset Da	mage		Cracking					
	Deposits/ Pool Qu			None None	_				
	Pipe Algae/	Growth		None					
*Do j	physical indicators suggest an i Is Inlet Pipe No	Hicit discharge is present (Y/N):		No No				Fee	imated GPM:
SECTION 3A:		SICAL INDICATORS (ALL FLOWI	NG ASSETS)					Lat	mante of Pri
	Indicator	Indicator Present (Yes.	(No)			Description			Severity
	Odor Color								
	Turbidity								
	(Does Not Include Trash)								•
	mple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
	Parameter	Re	sult		Тур	cal EPA Benchmarks		Equip	ment
Temp	pH pH							EXTEC	
Specifi	ic Conductivity (uS)							EXTECH	
	alinity (ppm S)							EXTECH	
	Thlorine (ppm) mmonia (mg/L)					≥ Reporting Limit ≥ 0.5 mg/L		Hach Te	
Sui	rfactants (mg/L)					≥ 0.25 mg/L	To be sen	it to Lab or CHEM	ets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)					> 235 cfu/100mL > 61 cfu/100mL		To be see	
	osphorus (mg/L)							To be ser	
SECTION 1B.	INLET PIPE NO. 2 ASSE	T DESCRIPTION			1/4-1				***
Location	Upstream Asset ID	Material	Clock Postion (Out)	let Pipe at 6:00)	-	Shape	Diamete	er/Dimension (in.)	Submerged
Inlet Pipe No. 2	DMH-8493	Vitrified Clay	12:0			Circle		8	In Water: No
	INLET PIPE NO. 2 PHYS								With Sediment: No
DEC HONOR.	Indica		Ind	licator Present?			Indicator	Description	
	Asset Da			None					
	Deposits/S Paol Qu			None None					
	Pipe Algae/			None					
*Do p	physical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N): 2 Flowing?		No No	_			Esti	mated GPM:
SECTION 3B;	INLET PIPE NO. 2 PHYS	SICAL INDICATORS (ALL FLOWI	NG ASSETS)						
	Indicator	Indicator Present (Yes	No)			Description			Severity
	Odor Color								
	Turbidity					*			
	(Does Not Include Trash) INLET PIPE NO. 2 SAM	PLING/TESTING RESULTS (ALL F	LOWING ASSETS	-					
THE RESERVE TO SERVE THE PARTY OF THE PARTY	mple Date/Time:	lino i i i i i i i i i i i i i i i i i i	DO THE TOTAL DE LOY						
	Parameter	Res	sult		Турі	cal EPA Benchmarks		Equip	
Lemp	erature (degrees F) pH							EXTECH	
	ic Conductivity (uS)							EXTECH	EC500
	alinity (ppm S) Chlorine (ppm)					≥ Reporting Limit ≥ Reporting Limit		EXTECH Hach Tes	
	mmonia (mg/L)					≥ 0.5 mg/L		Hach Tes	
Sur	rfactants (mg/L)					≥ 0.25 mg/L	To be sen	t to Lab or CHEM	ets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)					> 235 cfu/100mL > 61 cfu/100mL		To be ser	
	osphorus (mg/L)						1	To be ser	

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Phosphorus (mg/L)

2

Location	Upstream Asset ID	Material	Clock Postion (Out)	et Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 6							In Water:
							With Sediment:
SECTION 3F: IN	LET PIPE NO. 6 PHYSICAL	LINDICATORS					
	Indicator		Ind	icator Present?		Indicator Description	
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growt						
*Do ph	ysical indicators suggest an illicit d						
	Is Inlet Pipe No.6 Flow	wing?				Esti	nated GPM:
SECTION 3F: IN	ILET PIPE NO. 6 PHYSICAI	LINDICATORS (ALL FL	OWING ASSETS)				
	Indicator	Indicator Presen	t (Yes/No)		Description		Severity
	Odor						
	Color						
	Turbidity						
Floatables (De	oes Not Include Trash)						-
SECTION 3F: IN	LET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (A)	LL FLOWING ASSETS)				
Samp	le Date/Time:						
P	arameter		Result		Typical EPA Benchmarks	Equip	nent
Tempera	ature (degrees F)					EXTECH	EC500
	pH					EXTECH	EC500
Specific 6	Conductivity (uS)					EXTECH	EC500
Sali	nity (ppm S)					EXTECH	EC500
Chl	orine (ppm)				≥ Reporting Limit	Hach Tes	Strips
Amn	nonia (mg/L)				≥ 0.5 mg/L	Hach Tes	Strips
Surfa	ctants (mg/L)				≥ 0.25 mg/L	To be sent to Lab or CHEMe	ts Detergents Kit K-9400
E.col	(cfu/100mL)				> 235 cfu/100mL	To be sen	to lab
Enteroco	ccus (cfu/100mL)				> 61 cfu/100mL	To be sen	to lab
Phosp	phorus (mg/L)					To be sen	to lab
					> 61 cfu/100mL		
Comments :							
	(0						

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	ACKGROUND DATA				lorman				
	CB-801 2019-08-21 9:08:00				OUTFALL ID:				
Temperature: °F					Inspector(s): Ca	rie Prescott Andres Hu kworth Erin McGuire Eve	rtado Samuel M	arinez Zebulan Day D	erek
treet Name/Struct		NORTH AVE			Juspector(s). Se	skwo-culer in negative levi	elynn cousey		
Previous Preci	pitation Date/End Time:	2019-08-18 22:15:80		Amount (inches):	0.37				
SECTION 2: OL Location	UTLET PIPE ASSET DES		Material			Shape	Diamete	er/Dimension (in.)	Submerged
CB Outlet Pipe	Fair	P	VC.			lircle		6	In Water: No With Sediment: No
							-		
Location	NLET PIPE NO. 1 ASSE Upstream Asset ID	I DESCRIPTION Material	Clock Postion (Ou	tlet Pipe at 6:00)		Shape		Diameter/Dimension (in	.) Submerged
Inlet Pipe No. 1	unknown	PVC	9:0			Circle		8	In Water: No
	NLET PIPE NO. 1 PHYS								With Sediment: No
I TION JA: I	Indicate	or	11	ndicator Present?			In	dicator Description	
	Asset Dan			None					
	Deposits/S Pool Qua			None None					
	Pipe Algae/C			None					
*Do ph		licit discharge is present (Y/N):		No					
	Is Inlet Pipe No.			Yes		Mod	erate	Estin	nated GPM: 5
ECTION 3A: I	NLET PIPE NO. 1 PHYS	ICAL INDICATORS (ALL FLOWI	NG ASSETS)						
	Indicator	Indicator Present (Yes			Des	riptiea			Severity
	Odor	No							
	Color Turbidity	No .		1		1			cl
	Does Not Include Trash)	No				•			Clear
		LING/TESTING RESULTS (ALL F	LOWING ASSETS	1					
		2019-08-21 9:10:00	DO TIMO ADSIDIE						
	Parameter		sult		Typical E	PA Benchmarks		Equi	pment
Temper	rature (degrees F)		3						H EC500
	pH		.6						H EC500
	Conductivity (uS)		76						H EC500
	linity (ppm S) slorine (ppm)		8		> Ror	orting Limit			H EC500 est Strips
	monia (mg/L)		0			0.5 mg/L			est Strips
	factants (mg/L)		. 05			.25 mg/L	Т		Mets Detergents Kit K-9400
	oli (cfu/100mL)		498			cfu/100mL			ent to lab
	occus (cfu/100mL)				> 61	cfu/100mL		To be s	ent to lab
Phos	sphorus (mg/L)							To be s	ent to lab
				-			_		
	NLET PIPE NO. 2 ASSE			H - PI C 000				n	
Location	Upstream Asset ID	Material	Clock Postion (Ou	thet Pipe at 6:00)		Shape		Diameter/Dimension (in	Submerged In Water:
Inlet Pipe No. 2									With Sediment:
		ICAL INDICATORS							
ECTION 3B: I	NLET PIPE NO. 2 PHYS							No. of the Contract of	
SECTION 3B; I	NLET PIPE NO. 2 PHYS Indicate	or	In In	ndicator Present?			In	dicator Description	
SECTION 3B; I	Indicate Asset Dan	or nage	I	ndicator Present?			În	dicator Description	
SECTION 3B; I	Indicate Asset Dan Deposits/S	or nage tains	Ji	ndicator Present?			In	dicator Description	
SECTION 3B; I	Indicate Asset Dan Deposits/S Pool Qua	or nage tains lity	I	ndicator Present?			In	dicator Description	
	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C	or nage tains lity	11	ndicator Present?			In		
	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C	or nage tains lity Frowth licit discharge is present (Y/N):	11	ndicator Present?			In		nated GPM:
*Do ph	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS	or nage tatins lity rowth licit discharge is present (Y/N): 12 Flowing? ICAL INDICATORS (ALL FLOWI	NG ASSETS)	ndicator Present?			I e		
*Do ph	Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator	or nage talins lity Frowth litid discharge is present (V/N): 2 Flowing?	NG ASSETS)	ndicator Present?	Des	ription	In		nated GPM:
*Do ph	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS	or nage tatins lity rowth licit discharge is present (Y/N): 12 Flowing? ICAL INDICATORS (ALL FLOWI	NG ASSETS)	ndicator Present?	Desc	ription	In		
*Do pk	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity	or nage tatins lity rowth licit discharge is present (Y/N): 12 Flowing? ICAL INDICATORS (ALL FLOWI	NG ASSETS)	ndicator Present?	Desc	riplien .	In		
*Do ph ECTION 3B: L	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash)	or naage tatins lity Growth licit discharge is present (V/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS)		Des		In		
*Do ph SECTION 3B: I. Floatables (D SECTION 3B: I	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. N.LET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) N.LET PIPE NO. 2 SAMP	or nage tatins lity rowth licit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS)		Des		In		Severity
*Do pk SECTION 3B: I Floatables (D SECTION 3B: I Sam	Indicat Asset Dan DepositsS Pool Qua Pipe Algae/ hysical indicators suggest an i Is Inder Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP ple Date/Time:	or nange tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS				In	Estin	Severity
*Do ph SECTION 3B: L Floatables (D SECTION 3B: I Sam	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP pile Date/Time: Parameter	or nange tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS)				In	Estin Equi	Severity
*Do ph SECTION 3B: L Floatables (D SECTION 3B: I Sam	Indicate Asset Dan DepositsS Pool Que Pipe AlgaeCh hysical indicators suggest an il Is Inde Pipe No. NILET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NILET PIPE NO. 2 SAMP pile Date/Time: Parameter rature (degrees F)	or nange tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS				In	Estin Equi EXTEC	Severity pment H EC500
*Do ph ECTION 3B: I. Floatables (D ECTION 3B: I Sam Temper	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP pile Date/Time: Parameter	or nange tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS				In	Equi Equi EXTEC EXTEC	Severity
*Do ph SECTION 3B: L Floatables (D SECTION 3B: I Sam Temper	Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP ple Date/Time: Parameter rature (degrees F) pH	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E		In	Estin Equi EXTEC EXTEC	Severity pment H EC500 H EC500
*Do ph SECTION 3B: I. Floatables (D SECTION 3B: I Sam Temper Specific	Indicate Asset Dan Deposits'S Pool Qua Pipe Algae/C hysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP pile Date/Time: Parameter Parameter Parameter Parameter Parameter Parameter Conductivity (uS)	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E ≥ Rep	PA Benchmarks	In	Estin Equi EXTEC EXTEC EXTEC EXTEC EXTEC	Severity pment H EC500 H EC500 H EC500
*Do ph SECTION 3B: L Floatables (D SECTION 3B: I Sam Temper Specific Sal Ch Am	Indicate Asset Dan Deposits'S Pool Qua Pipe Algae/C hysical indicators suggest an in Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO, 2 SAMP pile Date/Time: Parameter Para	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E ≥ Reg ≥ Reg ≥ Reg	PA Benchmarks orting Limit orting Limit 3.5 mg/t		Equi Equi EXTEC EXTEC EXTEC EXTEC Hach T Hach T	Severity pment H EC500 H EC500 H EC500 H EC500 est Strips
*Do ph SECTION 3B: I. Floatables (D SECTION 3B: I Sam Temper Specific Sal Ch Am Surf	Indicate Asset Dan DepositsS Pool Que Pipe AlgaeCh hysical indicators suggest an if Is Inder Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP pile Date/Time: Parameter rature (degrees F) pH - conductivity (uS) linity (ppm S) alorine (ppm) unonia (mg/L) factants (mg/L)	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E ≥ Reg ≥ Reg ≥ 2	PA Benchmarks orting Limit orting Limit 25 mg/L		Equi Equi EXTEC EXTEC EXTEC EXTEC Hach T Hach T	Severity pment H EC500 H EC500 H EC500 H EC500 H EC500 est Strips est Strips dets Detergents Kir K-9400
*Do ph SECTION 3B: I. Floatables (D SECTION 3B: I Sam Temper Specific Sal Ch Am	Indicat Asset Dan DeposityS Pool Qua Pipe Algae/C hysical indicators suggest an il Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP ple Date/Time: Parameter rature (degrees F) pH Conductivity (us) Initivy (pm S) Islorine (ppm) Immonia (mg/L) Indicators (mg/L) Islorications (mg/L) Is	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E ≥ Rec ≥ Rec ≥ Rec ≥ 2 (1) > 23	PA Benchmarks orting Limit orting Limit 5.5 mg/L 2.25 mg/L		Equi EXTEC EXTEC EXTEC EXTEC Hach T Hach T O be sent to Lab or CHE	Severity pment H EC500 H EC500 H EC500 H EC500 est Strips est Strips est Strips ent to lab
*Do ph SECTION 3B: I. Floatables (D SECTION 3B: I. Sam Temper Specific Sal Ch Am Surf Ecco	Indicate Asset Dan DepositsS Pool Que Pipe AlgaeCh hysical indicators suggest an if Is Inder Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMP pile Date/Time: Parameter rature (degrees F) pH - conductivity (uS) linity (ppm S) alorine (ppm) unonia (mg/L) factants (mg/L)	or nage tains lity Trowth licit discharge is present (Y/N): Flowing? ICAL INDICATORS (ALL FLOWI Indicator Present (Yes	NG ASSETS) (No) LOWING ASSETS		Typical E ≥ Rec ≥ Rec ≥ Rec ≥ 2 (1) > 23	PA Benchmarks orting Limit orting Limit 25 mg/L		Equi Equi EXTEC EXTEC EXTEC Hach T Hach T To be sent to Lab or CHE	Severity pment H EC500 ets Suips ets Suips dets Detergents Kit K-9400

SECTION 3C: 1	NLET PIPE NO. 3 ASSE Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet	Plan at 6:00		Chara	les.			1
Inlet Pipe No. 3	Opstream Assectio	Material	Clock Postion (Odder	ripe at 6:00)		Shape	Diame		Submerged Water: th Sediment:	
SECTION 3C: I	NLET PIPE NO. 3 PHYS	SICAL INDICATORS								•
	Indicat	tor	Indic	cator Present?			Indicato	r Description		
	Asset Dar Deposits/S									_
	Pool Qu	ality								
*Do el	Pipe Algae/	Growth llicit discharge is present (Y/N):								_
- Do pt	Is Inlet Pipe No							Estimated	GPM:	
SECTION 3C: I	NLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLOWI	NG ASSETS)							
	Indicator	Indicator Present (Yes			Description	on .		Se	everity	
	Odor Color									_
	Turbidity									
Floatables (D	oes Not Include Trash)								40	
SECTION 3C: I	NLET PIPE NO. 3 SAMI	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)							
	ple Date/Time:	n.			T					_
	Parameter rature (degrees F)	Res	sult		Typical EPA B	enchmarks		Equipment EXTECH ECS		-
	pН							EXTECH ECS	500	
	Conductivity (uS) linity (ppm S)							EXTECH ECS		_
	dorine (ppm)				≥ Reporting	g Limit		Hach Test Stri		
	monia (mg/L)				≥ 0.5 m			Hach Test Stri		
	actants (mg/L) di (cfu/100mL)				≥ 0.25 m		To be se	nt to Lab or CHEMets D		
	occus (cfu/100mL)				> 235 cfu/1 > 61 cfu/1			To be sent to I		_
	phorus (mg/L)				010101	- Control		To be sent to l		
A COLOR										
Location	NLET PIPE NO. 4 ASSE Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet	Pine at 6:00)		Shape	Diame	ter/Dimension (in.)	Submerged	
Inlet Pipe No. 4	- CPANTALINATED	Taking .	Sieta i diam (o ditt	T. pe at easy		D.II-P.	- James		Vater:	
					_			Wit	h Sediment:	
SECTION 3D; I	NLET PIPE NO. 4 PHYS Indicat		V. 41.	ator Present?			4.0	D. J. d.		
	Asset Dar		Indic	ator Present:			Indicato	r Description		_
	Deposits/S									
	Pool Qu: Pipe Algae/0									-
*Do pl		licit discharge is present (Y/N):								
	Is Inlet Pipe No.	4 Flowing?						Estimated 6	GPM:	
		ICAL INDICATORS (ALL FLOWI								
	Indicator Odor	Indicator Present (Yes	(No)		Description	on a		Se	everity	_
	Color									
	Turbidity	,							1	_
Company of the last of the	oes Not Include Trash)	NAME OF THE PARTY	LOWING LEGERS							
	ple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)	-						
	Parameter	Res	sult		Typical EPA B	enchmarks		Equipment		
Temper	pH							EXTECH ECS		_
Specific	Conductivity (uS)							EXTECH ECS		
Sal	inity (ppm S)							EXTECH ECS		
	lorine (ppm)				≥ Reporting			Hach Test Stri		_
	monia (mg/L) actants (mg/L)				≥ 0.5 m _j ≥ 0.25 m		To be se	Hach Test Stri nt to Lab or CHEMets D		_
E.co	li (cfu/100mL)				> 235 cfu/1	100mL		To be sent to !	lab	
	occus (cfu/100mL)				> 61 cfu/1	00mL		To be sent to I		_
Phos	sphorus (mg/L)							To be sent to I	ab	
SECTION 3E: 1	NLET PIPE NO. 5 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Outlet	Pipe at 6:00)		Shape	Diame	ter/Dimension (in.)	Submerged Vater:	
Inlet Pipe No. 5									h Sediment:	
SECTION 3E: 1	NLET PIPE NO. 5 PHYS	ICAL INDICATORS								
	Indicat		Indic	ator Present?			Indicato	r Description		
	Asset Dar Deposits/S									-
	Pool Qu:	ility								
*Do nt	Pipe Algae/	Growth licit discharge is present (Y/N):								_
Борг	Is Inlet Pipe No.							Estimated 6	GPM:	
SECTION 3E: I	NLET PIPE NO. 5 PHYS	ICAL INDICATORS (ALL FLOWI								
	Indicator Odor	Indicator Present (Yes	(No)		Description	on		Se	verity	=
	Color									
	Turbidity	•								
The second second	oes Not Include Trash)		FOUNDIO CONTEN							
	NLET PIPE NO. 5 SAMI ple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)							
	Parameter	Re	sult		Typical EPA B	enchmarks		Equipment		
Temper	rature (degrees F)							EXTECH ECS	500	
Specific	pH Conductivity (uS)							EXTECH ECS		-
	linity (ppm S)							EXTECH ECS		
	slorine (ppm)				≥ Reporting			Hach Test Str		
	monia (mg/L) factants (mg/L)				≥ 0.5 m; ≥ 0.25 m		Tobacc	Hach Test Stri ent to Lab or CHEMets D		_
E.co	li (cfu/100mL)				> 235 cfu/l	100mL	10 00 30	To be sent to I	lab	
	occus (cfu/100mL)				> 61 cfu/1	00mL		To be sent to l		_
l'hos	sphorus (mg/L)							To be sent to !	au	

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Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Sub	merge
Inlet Pipe No. 6						In Water:	
iniet Tipe No. 0						With Sediment	
SECTION 3F: IN	LET PIPE NO. 6 PHYSICAL	INDICATORS					
	Indicator		Indicator Present?		Indicator Description		
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growth						
*Do ph	ysical indicators suggest an illicit di						
	Is Inlet Pipe No.6 Flow	ring?			Estima	ted GPM:	
SECTION 3F: IN	LET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	ING ASSETS)				
	Indicator	Indicator Present (Ye	es/No)	Description		Severity	
	Odor						
	Color						
	Turbidity			· *.			
Floatables (De	oes Not Include Trash)						
Samp	le Date/Time:	G/TESTING RESULTS (ALL I					
	arameter	R	esult	Typical EPA Benchmarks	Equipr		
Temper	ature (degrees F)				EXTECH		
0	pH Conductivity (uS)				EXTECH		
					EXTECH		
	nity (ppm S)			ewith the way	EXTECH		
	orine (ppm)			≥ Reporting Limit	Hach Tes		
	nonia (mg/L)			≥ 0.5 mg/L	Hach Tes		
	ctants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMe		C-9400
	i (cfu/100mL)			> 235 cfu/100mL	To be sen	111111111111111111111111111111111111111	
	ccus (cfu/100mL)			> 61 cfu/100mL	To be sen		
Phosp	nhorus (mg/L)				To be sen	t to lab	
-							
Comments:							
Signature of	11						

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Haverhill IDDE Inspection Form Drain Manhole

ASSET ID: D	ACKGROUND DATA					OUTFALL ID:				
	2019-08-21 9:13:00					OCTFALL ID:				
Temperature: °F 7						Inspector(s):	Carrie Prescott Andres Hurta Beckworth Erin McGuire Evely	do Samuel Marinez	ebulan Day Derek	
Street Name/Structu		CONCORD ST			-	inspector(s):	Deckworth Erin Accourage very	nn Cousey		
Previous Precip	ipitation Date/End Time:	2019-08-18 22:15:00			Amount (inches):	0.37				
Pictures			6							
anomova ou	um er sinn teerr sin	CONTRACTOR							-	-
Location 2: OU	UTLET PIPE ASSET DE DMH Interior Co			Material			Shape	Diameter/Dimen	don (in)	Submerged
Characteristics.	Good		Reinforced				Circle	18	In Water:	No
DMH Outlet Pipe	0000		Kermorced	Concrete			Circle	18	With Sedir	nent: No
SECTION 3A: IN	INLET PIPE NO. 1 ASSE	T DESCRIPTION				- 100				
Location	Upstream Asset ID	Mater	ial	Clock Postion (Outl	et Pipe at 6:00)		Shape	Diameter	/Dimension (in.)	Submerged
Inlet Pipe No. I	CB-3729	Reinforced Concrete		9:00			Circle		15 In Wate	r: No
	INLET PIPE NO. 1 PHYS		S						With Sedir	nent: No
LOTION SALIF	Indicat	A CONTRACT PROPERTY.		Ind	licator Present?			Indicator I	Pescription	
	Asset Dar	nage		100	None					
	Deposits/S Pool Qu				None None					
	Pipe Algae/				None					
*Do phy	hysical indicators suggest an i	llicit discharge is present	(Y/N):		No					
	Is Inlet Pipe No				No				Estimated GPM	f:
2002 2000 2000 2000	INLET PIPE NO. 1 PHYS	Control of the second								
	Indicator Odor	Ind	licator Present (Yes/	No)			Description		Severity	
	Color									
	Turbidity						1			
	Does Not Include Trash)								•	
The second second	INLET PIPE NO. 1 SAMI	PLING/TESTING RE	ESULTS (ALL F	LOWING ASSETS)						
	ple Date/Time: Parameter		Res	ult		Typic	cal EPA Benchmarks		Equipment	
	rature (degrees F)					-2/1			EXTECH EC500	
	pН								EXTECH EC500	
	Conductivity (uS)								EXTECH EC500 EXTECH EC500	
	linity (ppm S) hlorine (ppm)					2	Reporting Limit		Hach Test Strips	
	nmonia (mg/L)						≥ 0.5 mg/L		Hach Test Strips	
	factants (mg/L)						≥ 0.25 mg/L	To be sent	to Lab or CHEMets Deterger	its Kit K-9400
	W (-F-/100Y)						> 235 cfu/100mL		To be sent to lab To be sent to lab	
	oli (cfu/100mL)									
Enteroco	occus (cfu/100mL)						> 61 cfu/100mL			
Enteroco							> 61 cfu/100mL		To be sent to lab	
Enteroco Phosp SECTION 3B: IN	occus (cfu/100mL) sphorus (mg/L) NLET PIPE NO, 2 ASSE							i ber	To be sent to lab	6.1.
Enteroco Phosp SECTION 3B: IN Location	cocus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID	Mater	ial	Clock Postion (Outl			Shape	Diameter	/Dimension (in.)	Submerged
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2	coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-8491	Materi Reinforced Concrete		Clock Postion (Outl				Diameter	To be sent to lab	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2	sphorus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID Dw1-8491 INLET PIPE NO, 2 PHYS	Materi Reinforced Concrete		12:00	0		Shape		To be sent to lab //Dimension (in.) 18 In Wate With Sedin	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2	roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D91-8491 INLET PIPE NO. 2 PHYS Indical	Materi Reinforced Concrete SICAL INDICATORS		12:00	licator Present?		Shape	Diameter Indicator I	To be sent to lab //Dimension (in.) 18 In Wate With Sedin	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2	phorus (ngL) phorus (mgL) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-8491 INLET PIPE NO, 2 PHYS Indicat Asset Da	Materi Reinforced Concrete SICAL INDICATORS for mage		12:00	0		Shape		To be sent to lab //Dimension (in.) 18 In Wate With Sedin	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2	Poecus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D91-8491 INLET PIPE NO. 2 PHYS Indicat Asset Date Deposits/S Pool Qu	Materi Reinforced Concrete SICAL INDICATORS for mage stains ality		12:00	Bicator Present? None None None		Shape		To be sent to lab //Dimension (in.) 18 In Wate With Sedin	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN	roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*#1-8491 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits/S Pool Qu Pipe Algach	Materi Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth	s	12:00	Blicator Present? None None None		Shape		To be sent to lab //Dimension (in.) 18 In Wate With Sedin	T. No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN	Process (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID DM-8491 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits Fool Qu Pipe Algae/ hysical indicators suggest an i	Materi Reinforced Concrete SICAL INDICATORS or mage stains slity Growth lifet discharge is present	s	12:00	Bicator Present? None None None		Shape	Indicator I	To be sent to lab //Dimension (in.) 18 In Wate With Sedin	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN	roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*#1-8491 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits/S Pool Qu Pipe Algach	Reinforced Concrete ICAL INDICATORS or mage stains slity Growth Littliticharge is present 2 Flowing?	S : (V/N):	12:00 Ind	Blicator Present? None None None None None		Shape Circle	Indicator I	To be sent to lab //Dimension (in.) 18 In Watt With Sedm Description	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN	Process (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*#1-8491 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits? Pool Qu Pipe Algach, hysical indicators suggest an i Is Inlet Pipe No. 2 PHYS Indicator	Reinforced Concrete ICAL INDICATORS or mage stains slifty Growth Liet discharge is present 2 Flowing?	S (V/N): S (ALL FLOWI) licator Present (Yes	Ind Ind Solution (Control of the Control of the C	Blicator Present? None None None None None		Shape Circle	Indicator I	To be sent to lab //Dimension (in.) 18 In Watt With Sedm Description	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN	incecus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID Depti-8491 INLET PIPE NO, 2 PHYS Indicator Pipe Algach hysical indicators suggest an it Is Inlet Pipe NO, INLET PIPE NO, 2 PHYS Indicator Odor	Reinforced Concrete ICAL INDICATORS or mage stains slifty Growth Liet discharge is present 2 Flowing?	S (V/N): S (ALL FLOWII licator Present (Yes)	Ind Ind Solution (Control of the Control of the C	Blicator Present? None None None None None		Shape Circle	Indicator I	To be sent to lab Dimension (in.) In Wate With Sedie	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B; IN *Do phy SECTION 3B; IN	phorus (ng/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*41-8491 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits/S Pool Qu. Pipe Algae/th Is Inlet Pipe NO. 2 PHYS Indicator Odor Color	Reinforced Concrete ICAL INDICATORS or mage stains slifty Growth Liet discharge is present 2 Flowing?	S (V/N): S (ALL FLOWI) licator Present (Yes	Ind Ind NG ASSETS)	Blicator Present? None None None None None		Shape Circle	Indicator I	To be sent to lab Dimension (in.) In Wate With Sedie	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN	incecus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID Depti-8491 INLET PIPE NO, 2 PHYS Indicator Pipe Algach hysical indicators suggest an it Is Inlet Pipe NO, INLET PIPE NO, 2 PHYS Indicator Odor	Reinforced Concrete ICAL INDICATORS or mage stains slifty Growth Liet discharge is present 2 Flowing?	S (ALL FLOWING STATE (Yes) NO NO	Ind Ind NG ASSETS)	Blicator Present? None None None None None		Shape Circle Hoder	Indicator I	To be sent to lab To be sent to lab To be sent to lab In Wate In Wate With Sedin Description Estimated GPN Severity	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN The physical section is a section in the physical section in the physical section is a section in the physical section in the physical section is a section in the physical section in the physical section is a section in the physical section in the physical section is a section in the physical s	phorus (ng/L) phorus (ng/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-8-891 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits/S Pool Qu. Pipe Algae/t Is Inlet Pipe NO. Inlet PIPE NO, 2 PHYS Indicator Odor Color Turbidity Dees Not Include Trash) INLET PIPE NO, 2 SAMI	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWII licator Present (Yes- No No -	Ind Ind NG ASSETS) No)	Blicator Present? None None None None None		Shape Circle Hoder	Indicator I	To be sent to lab To be sent to lab To be sent to lab In Watt In Watt Sedin Description Estimated GPN Severity Clear	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN T Floatables (De SECTION 3B: IN SECTION 3B: IN T SECTION 3B: IN	phorus (ng/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*41-8491 INLET PIPE NO, 2 PHYS Indicat Pipe Algaeth hysical indicators suggest an it is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI sple Date/Time:	Reinforced Concrete GICAL INDICATORS for mage stains ality Growth littlet discharge is present 2. Flowing? IICAL INDICATORS Ind No	S (ALL FLOWI): S (ALL FLOWI): No No No ESULTS (ALL FI	Ind	Blicator Present? None None None None None		Shape Circle Hoder Description	Indicator I	To be sent to lab In Wate In Wate	III No nent: No
Enteroco Phosp Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy *Do phy Floatables (Do SECTION 3B: IN The section sectio	phorus (ng/L) sphorus (ng/L) INLET PIPE NO, 2 ASSE Upstream Asset ID Dept-8491 INLET PIPE NO, 2 PHYS Indicat Asset Dat Deposits/S Pool Qu Pipe Algach hysical indicators suggest an it Is linter Pipe NO INLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI pipe Date/Time: Parameter	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWII licator Present (Yes- No No	Ind Ind NG ASSETS) NO) LOWING ASSETS)	Blicator Present? None None None None None		Shape Circle Hoder	Indicator I	To be sent to lab Dimension (in.) In Watt	III No nent: No
Enteroco Phosp Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 Floatables (De SECTION 3B: IN Samp P	phorus (ng/L) sphorus	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWI): S (ALL FLOWI): No No No ESULTS (ALL FI	Ind Ind NG ASSETS) No) LOWING ASSETS)	Blicator Present? None None None None None		Shape Circle Hoder Description	Indicator I	To be sent to lab In Wate In Wate	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 Floatables (De SECTION 3B: IN Samp P Temper: Specific of	phorus (ngL) phorus (ngL) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-8491 INLET PIPE NO, 2 PHYS Indicat Asset Dai Deposites Fool Qu Pipe Algae(hysical indicators suggest an i Is linter Pipe NO. INLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity Does Not Induct Trash) INLET PIPE NO, 2 SAMI pipe Date/Time: Parameter rature (degrees F) ptl Conductivity (uS)	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWII licator Present (Yes) No No	Ind Ind NG ASSETS) No) LOWING ASSETS) sult .6 .6 .6 .3 .3	Blicator Present? None None None None None	Typic	Shape Circle Moder Description	Indicator I	To be sent to lab In Watt	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B; IN *Do phy SECTION 3B; IN Floatables (De SECTION 3B: IN Samp P T Temper Specific Salii	phorus (ng/L) sphorus	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWIS S (ALL FLOWIS NO - ESULTS (ALL FI 7. 33: 16	Ind Ind Ind Ind Ind Ind Ind Ind	Blicator Present? None None None None None	Typic	Shape Circle Circle Moder Description	Indicator I	To be sent to lab In Wate In Wate	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (De SECTION 3B: IN Temper Specific 6 Salin Chl	Process (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D**1-8491 INLET PIPE NO, 2 PHYS Indicat Asset Day Is inlet Pipe No Is inlet Pipe No Is inlet Pipe No Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI sphe Date/Time: Parameter resture (degrees F) pil Birty (pm) S Inloty (uS) Inliving (uS) Inliving (uS) Inliving (up) Inliving (Reinforced Concrete GICAL INDICATORS for mage stains adity Growth likit discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWI) Bicator Present (Yes) No No - ESSULTS (ALL FI Rec 71 7. 33	Ind Ind Ind Ind Ind Ind Ind Ind	Blicator Present? None None None None None	Typic	Shape Circle Circle Moder Description Cal EPA Benchmarks	Indicator I	To be sent to lab In Wats In Wats	III No nent: No
Enteroco Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 Floatables (De. SECTION 3B: IN Samp F Temper: Specific c Sali Chi Anna	phorus (ngL) phorus (ngL) INLET PIPE NO, 2 ASSE Upstream Asset ID D94+8491 INLET PIPE NO, 2 PHYS Indicat Asset Da Deposits/S Fool Qu Pipe Algac/ hysical indicators suggest an i Is linter Pipe NO. INLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI sple Date/Time: Parameter rature (degrees F) pH C Conductivity (uS) linity (ppm S) blottine (ppm) montai (ng/L)	Reinforced Concrete GICAL INDICATORS for mage stains adity Growth liket discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWIS S (ALL FLOWIS NO - ESULTS (ALL FI 7. 33: 16	Ind Ind Ind NG ASSETS) NO LOWING ASSETS) sult .6 .6 .6 .3 .3 .00 .00 .00 .00	Blicator Present? None None None None None	Typic	Shape Circle Circle Moder Description	Indicator I	To be sent to lab In Wate In Wate	st: No
Enteroce Phosp Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN T Floatables (Do SECTION 3B: IN Samp P Tempera Specific (Salii Chi Amm Surfa E.col	Process (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D**1-8491 INLET PIPE NO, 2 PHYS Indicat Asset Day Is inlet Pipe No Is inlet Pipe No Is inlet Pipe No Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI sphe Date/Time: Parameter resture (degrees F) pil Birty (pm) S Inloty (uS) Inliving (uS) Inliving (uS) Inliving (up) Inliving (Reinforced Concrete GICAL INDICATORS for mage stains adity Growth liket discharge is present 2 Flowing? GICAL INDICATORS Ind No PLING/TESTING RI	S (ALL FLOWII licator Present (Yes No No	12:00 Ind Ind Ind Ind Ind Ind Ind I	Blicator Present? None None None None None	Typic	Shape Circle Circle Moder Description cal EPA Benchmarks Reporting Limit 2 Reporting Limit 2 0.5 mg/L	Indicator I	To be sent to lab In Watt	st: No

To be sent to lab

Phosphorus (mg/L)

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 6						In Water:
iniet ripe ivo. 6						With Sediment:
SECTION 3F: I	NLET PIPE NO. 6 PHYSICA	L INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains	h-				
	Pool Quality					
	Pipe Algae/Grow					
*Do ph	ysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flo	wing?			Esti	mated GPM:
SECTION 3F: I	NLET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FLOY	WING ASSETS)			
	Indicator	Indicator Present (Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity			•		
Floatables (D	oes Not Include Trash)					
SECTION 3F: I	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (ALI	FLOWING ASSETS)			
Samp	ple Date/Time:					
	Parameter		Result	Typical EPA Benchmarks	Equips	nent
Temper	rature (degrees F)				EXTECH	EC500
	pH				EXTECH	EC500
	Conductivity (uS)				EXTECH	EC500
Sali	inity (ppm S)				EXTECH	EC500
Ch	lorine (ppm)			≥ Reporting Limit	Hach Tes	t Strips
Am	monia (mg/L)			≥ 0.5 mg/L	Hach Tes	t Strips
Surf	actants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMe	ets Detergents Kit K-9400
E.co	li (cfu/100mL)			> 235 cfu/100mL	To be sen	t to lab
Enteroce	occus (cfu/100mL)			> 61 cfu/100mL	To be sen	t to lab
	phorus (mg/L)				To be sen	t to lab
Phos						
Phos						
Phos						
Phos						
	(8)					

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Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA		W'							
	DMH-8491 2019-08-21 9:26:00				ou	TFALL ID:				
						Carrie Prescott Andres Hu	urtado Samuel Ma	rinez Zebulan Day	Derek	
emperature: °F 7		CONCORD ST			Insp	mector(s): Beckworth Erin McGuire Ev	velynn Cousey			
		2019-08-18 22:15	5:00		Amount (inches): 0,3					
Pictures										
ECTION 2: OU	UTLET PIPE ASSET DES			Material		Shape	Diamete	r/Dimension (in.)	Subr	merged
		adition	Vitrifie			Circle		15	In Water: N	0
OMH Outlet Pipe	Fair		VICTITIE	d Clay		Circle		13	With Sediment: N	0
ECTIONAL	INI ET DIDE NO 1 ACCES	TDESCRIBITION	ON.							
Location Location	Upstream Asset ID	CONTRACTOR OF THE PARTY OF THE	Material	Clock Postion (Outl	et Pipe at 6:00)	Shape	lr.	Diameter/Dimension	(in.) Sub	merged
				9:00		Square		18	In Water:	No
Inlet Pipe No. 1	CB-3731		pipe, brick shelf from	3:00		Square		10	With Sediment:	No
ECTION 3A: II	INLET PIPE NO. 1 PHYS		TORS							
	Indicat			Ind	licator Present?		In	dicator Description		
	Asset Dan Deposits/S				None					
	Pool Qua	ality			None					
	Pipe Algae/C				None					
*Do ph	shysical indicators suggest an il Is Inlet Pipe No.		resent (Y/N):		No No				Estimated GPM:	-
SECTION 3A: I	INLET PIPE NO. 1 PHYS		TORS (ALL FLOWIN	G ASSETS)						
And the second second	Indicator	ICAL I. DICIT	Indicator Present (Yes/			Description			Severity	
	Odor		material Freschi (Feb.	10)						
	Color									
	Turbidity									
	Does Not Include Trash)	W INCORPORTS	C DECIL TO (ALL E	OWING ACCETO						
SECTION 3A: I	INLET PIPE NO. 1 SAMI	PLING/TESTIN	G RESULTS (ALL FI	OWING ASSETS)						
SECTION 3A: I Sam	INLET PIPE NO. 1 SAMI nple Date/Time:	PLING/TESTIN				Typical EPA Benchmarks		Eq	uipment	
SECTION 3A: I Sam	INLET PIPE NO. 1 SAMI	PLING/TESTIN	IG RESULTS (ALL FI			Typical EPA Benchmarks		EXT	ECH EC500	
SECTION 3A: II Samp	INLET PIPE NO. 1 SAMI nple Date/Time: Parameter erature (degrees F) pH	PLING/TESTIN				Typical EPA Benchmarks		EXT	ECH EC500 ECH EC500	
SECTION 3A: I Sam Temper Specific	INLET PIPE NO. 1 SAMI nple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS)	PLING/TESTIN				Typical EPA Benchmarks		EXTE EXTE	ECH EC500 ECH EC500 ECH EC500	
SECTION 3A: I Sam Temper Specific Sal	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S)	PLING/TESTIN				Typical EPA Benchmarks ≥ Reporting Limit		EXTI EXTI EXTI	ECH EC500 ECH EC500	
SECTION 3A: I Samp Temper Specific Sal Ch	INLET PIPE NO. 1 SAMI nple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS)	PLING/TESTIN						EXTI EXTI EXTI EXTI Hach Hach	ECH EC500 ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips	
SECTION 3A: I Sam Temper Specific Sal Ch Am	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter Parameter erature (degrees F) pH G conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L)	PLING/TESTIN				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	To	EXTI EXTI EXTI EXTI EXTI Hach Hach	ECH EC500 ECH EC500 ECH EC500 ECH EC500 ECH EC500 I Test Strips I Test Strips	K-9400
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf E.co	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter erature (degrees F) pH ec Conductivity (uS) allaliny (ppm S) hlorine (ppm) umnonia (mg/L) rfactants (mg/L) old (efu/100mL)	PLING/TESTIN				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	70	EXTI EXTI EXTI EXTI EXTI Hach Hach be sent to Lab or CH To be	ECH EC500 ECH EC500 ECH EC500 ECH EC500 I Test Strips I Test Strips IEMets Detergents Kit & e sent to lab	K-9400
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf E.co	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (opm S) hlorine (opm) mnonia (mg/L) rfactants (mg/L) oli (cfu/100mL) eoccus (cfu/100mL)	PLING/TESTIN				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Т	EXTI EXTI EXTI EXTI EXTI Hach to be sent to Lab or CH To be	ECH EC500 ECH EC500 ECH EC500 ECH EC500 ECH EC500 I Test Strips I Test Strips	K-9400
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf E.co	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter erature (degrees F) pH ec Conductivity (uS) allaliny (ppm S) hlorine (ppm) umnonia (mg/L) rfactants (mg/L) old (efu/100mL)	PLING/TESTIN				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	To	EXTI EXTI EXTI EXTI EXTI Hach to be sent to Lab or CH To be	ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips EEMets Detergents Kit & c sent to lab e sent to lab	K-9400
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf E.co Enterocc	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (opm S) hlorine (opm) mnonia (mg/L) rfactants (mg/L) oli (cfu/100mL) eoccus (cfu/100mL)		Res	alt		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	To	EXTI EXTI EXTI EXTI EXTI Hach to be sent to Lab or CH To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips EMets Detergents Kit k e sent to lab e sent to lab e sent to lab	
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf E.co Enterocc	INLET PIPE NO. 1 SAMI uple Date/Time; Parameter Farature (degrees F) pH c c Conductivity (uS) alinity (ppm S) blorine (ppm) mmonia (mg/L) fractants (mg/L) oli (cfu/100mL) occcus (cfu/100mL) apphorus (mg/L)	T DESCRIPTIO	Res		let Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL		EXTI EXTI EXTI EXTI EXTI Hach to be sent to Lab or CH To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 I Test Strips I Test Strips EEMets Detergents Kit I e sent to lab e sent to lab e sent to lab (in.) Sub	merged
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SECTION 3A: I Samy Temper Specific Sal Ch Am Surf Eco Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 1 SAMI uple Date/Time; Parameter restaure (degrees F) pH c c Conductivity (uS) alfairiy (ppm S) hlorine (ppm) mmonia (mg/L) fractants (mg/L) ooli (cfu/100mL) ooccus (cfu/100mL) oaphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM4-9251	T DESCRIPTIO	Res	ult Clock Postion (Out		≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu-100mL. > 61 cfu/100mL		EXTI EXTI EXTI EXTI EXTI Hach Hach Hach To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
SECTION 3A: I Samj Temper Specific Sal Ch Am Surf Eco Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 1 SAMI upile Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (opm S) hiborine (ppm) mmonia (mg/L) fractants (mg/L) occcus (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID	T DESCRIPTIO	Res	Clock Postion (Out		≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu-100mL. > 61 cfu/100mL		EXTI EXTI EXTI EXTI EXTI Hach Hach Hach To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
SECTION 3A: I Samj Temper Specific Sal Ch Am Surf Eco Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter resture (degrees F) pH c c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) fractants (mg/L) roll (cfu/100mL) occus (cfu/100mL) oxphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D94:-9251 INLET PIPE NO. 2 PHYS Indicat Asset Dat	T DESCRIPTIO	Res	Clock Postion (Out	dicator Present?	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu-100mL. > 61 cfu/100mL		EXII EXII EXII EXII Hach Hach To be To be To be To be To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
SECTION 3A: I Samj Temper Specific Sal Ch Am Surf Eco Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter Parameter Parature (degrees F) pH G c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfu/100mL) occucus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D44:-9251 INLET PIPE NO. 2 PHYS Indicat Asset Da Depoints'	T DESCRIPTIO	Res	Clock Postion (Out	dicator Present? None None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu-100mL. > 61 cfu/100mL		EXII EXII EXII EXII Hach Hach To be To be To be To be To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
SECTION 3A: I Samj Temper Specific Sal Ch Am Surf Eco Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter resture (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) old (rfa/100mL) suphorus (rm/1) INLET PIPE NO. 2 ASSE Upstream Asset ID DM4-9251 INLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits/S Pool Que Pool (granter)	T DESCRIPTIO	Res	Clock Postion (Out	dicator Present?	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu-100mL. > 61 cfu/100mL		EXII EXII EXII EXII Hach Hach To be To be To be To be To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
SECTION 3A: I Sam Temper Specific Sal Ch Am Surf Ecco Enteroce Phos SECTION 3B: I Location Inlet Fipe No. 2	INLET PIPE NO. 1 SAMI upile Date/Time: Parameter Paramet	T DESCRIPTION PVC SICAL INDICATOR To mage Stains ality Growth Hick discharge is p	ON Material	Clock Postion (Out	dicator Present? None None None None None	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/10mL > 61 cfu/10mL Shape Circle	ln	EXII EXII EXII EXII Hach Hach O be sent to Lab or CH To be To be To be To be To be Jobseph To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit 1 s cent to lab sent to lab sent to lab (in.) Sub In Water: With Sediment;	merged No No
SECTION 3A: I Samy Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: I Location Inlet Fipe No. 2 SECTION 3B: I	INLET PIPE NO. 1 SAMI upple Date/Time: Parameter Parameter erature (degrees F) pH c conductaivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) old (rdn/100mL) coccus (rdn/100mL) cocc	T DESCRIPTIO	DN Material TORS	Clock Postion (Out)	licator Present? None None None None	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/10mL > 61 cfu/10mL Shape Circle		EXII EXII EXII EXII Hach Hach O be sent to Lab or CH To be To be To be To be To be Jobseph To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergens Kit Is e sent to lab e sent to lab (ta.) Sub In Water:	merged No
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SECTION 3C: INLET PIPE NO. 3 ASS	ET DESCRIPTION			
Location Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3 DMH-8490	Reinforced Concrete	2:00	Circle	12 In Water: With Sediment:
SECTION 3C: INLET PIPE NO. 3 PHY			<u> </u>	J. Die Sydnigens
Indic		Indicator Present?		Indicator Description
Asset D		None		Tautator Description
Deposits		None		
Pool Q		None		
*Do physical indicators suggest an		None No		
Is Inlet Pipe N		No		Estimated GPM:
SECTION 3C: INLET PIPE NO. 3 PHY	SICAL INDICATORS (ALL FLOW	ING ASSETS)		
Indicator	Indicator Present (Ye		Description	Severity
Odor				
Color Turbidity				
Floatables (Does Not Include Trash)				
SECTION 3C: INLET PIPE NO. 3 SAN	MPLING/TESTING RESULTS (ALL)	FLOWING ASSETS)		
Sample Date/Time:				
Parameter	R	tesult	Typical EPA Benchmarks	Equipment
Temperature (degrees F)	-			EXTECH EC500 EXTECH EC500
pH Specific Conductivity (uS)				EXTECH EC500
Salinity (ppm S)				EXTECH EC500
Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
Ammonia (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Surfactants (mg/L) E.coli (cfu/100mL)			> 235 cft/100mL	To be sent to Lab or CHEMEIS Detergents Kit K-9400 To be sent to lab
Enterococcus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
Phosphorus (mg/L)				To be sent to lab
SECTION 3D: INLET PIPE NO. 4 ASS		Chall Barrier (Outle B)	g.	Diameter/Dimension (in.) Submerged
Location Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerger In Water.
Inlet Pipe No. 4				With Sediment:
SECTION 3D: INLET PIPE NO. 4 PHY	VSICAL INDICATORS			
Indic		Indicator Present?		Indicator Description
Asset D				
Deposit:				
Pipe Alga				
*Do physical indicators suggest ar				Estimated GPM:
Is Inlet Pipe N		TING ACCETCS		Estimated Graf:
SECTION 3D: INLET PIPE NO. 4 PHY Indicator	Indicator Present (Yo		Description	Severity
Odor	Indicator Present (10	cartoj	Description	J. Allay
Color				
Turbidity				
Floatables (Does Not Include Trash)	APLING/TESTING PESULTS (ALL	FLOWING ASSETS)		•
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAM	MPLING/TESTING RESULTS (ALL	FLOWING ASSETS)		•
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter		FLOWING ASSETS) Result	Typical EPA Benchmarks	Equipment
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time Parameter Temperature (degrees F)			Typical EPA Benchmarks	Equipment EXTECH EC500
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH			Typical EPA Benchmarks	Equipment
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS)			Typical EPA Benchmarks	Equipment EXTECH EC500 EXTECH EC500
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH			≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Sallairy (ppm S) Chlorine (ppm) Ammonia (mg/L)			≥Reporting Limit ≥0.5 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pil Specific Conductivity (uS) Saliaity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L)			≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Labo or CHEMets Detergents Kit K-9400
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Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (spm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) Ecoli (cfu/100mL) Phosphorus (mg/L) Enterococcus (cfu/100mL) Phosphorus (mg/L) SECTION 3E: INLET PIPE NO. 5 ASS Location Upstream Asset ID Inlet Pipe No. 5 SECTION 3E: INLET PIPE NO. 5 PH India Asset I Deposit Pool (Pipe Alga *Do physical indicators suggest at Is Inlet Pipe S SECTION 3E: INLET PIPE NO. 5 PH Indicator Odor Color Turbidity Floatables (Does Not Include Trash) SECTION 3E: INLET PIPE NO. 5 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS)	SET DESCRIPTION Material VSICAL INDICATORS calor Jamage MStalins Juality Juality Juality Justice June Growth Initiet discharge is present (V/N): No.5 Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (V.) MPLING/TESTING RESULTS (ALL	Clock Position (Outlet Pipe at 6:00) Indicator Present? VING ASSETS) eu/No) FLOWING ASSETS)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment. Indicator Description Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) Eaterococcus (cfu/100mL) Enterococcus (cfu/100mL) Fhosphorus (mg/L) SECTION 3E: INLET PIPE NO. 5 ASS Location Upstream Asset ID Inlet Pipe No. 5 SECTION 3E: INLET PIPE NO. 5 PH Indi Asset I Deposit Pool (Pipe Alaga *Do physical indicators suggest at is Inter Pipe I SECTION 3E: INLET PIPE NO. 5 PH Indicator Odor Color Turbidity Floatables (Dees Not Include Trash) SECTION 3E: INLET PIPE NO. 5 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm)	SET DESCRIPTION Material VSICAL INDICATORS calor Jamage MStalins Juality Juality Juality Justice June Growth Initiet discharge is present (V/N): No.5 Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (V.) MPLING/TESTING RESULTS (ALL	Clock Position (Outlet Pipe at 6:00) Indicator Present? VING ASSETS) eu/No) FLOWING ASSETS)	Description Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfw/100mL > 61 cfw/100mL Shape Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab Estimated GPM: Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Floatables (Does Not Include Trash) SECTION 3D: INLET PIPE NO. 4 SAN Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) Ecoli (cfu/100mL) Enterococcus (cfu/100mL) Phosphorus (mg/L) SECTION 3E: INLET PIPE NO. 5 ASS Location Upstream Asset ID Inlet Pipe No. 5 SECTION 3E: INLET PIPE NO. 5 PH India Asset I Deposit Pool (Pipe Alga *Do physical indicator suggest at its Inlet Pipe S SECTION 3E: INLET PIPE NO. 5 PH Indicator Odor Color Turbidity Floatables (Does Not Include Trash) SECTION 3E: INLET PIPE NO. 5 SAN Sample Date/Time: Parameter Temperature (degrees F) PH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L)	SET DESCRIPTION Material VSICAL INDICATORS calor Jamage MStalins Juality Juality Juality Justice June Growth Initiet discharge is present (V/N): No.5 Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (V.) MPLING/TESTING RESULTS (ALL	Clock Position (Outlet Pipe at 6:00) Indicator Present? VING ASSETS) eu/No) FLOWING ASSETS)	Description Typical EPA Benchmarks E Reporting Limit > 0.5 mg/L > 0.25 mg/L > 0.25 mg/L > 0.5 mg/L Shape	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment. Indicator Description Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips

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Location	Upstream Asset 1D	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
Inlet Pipe No. 6						With Sediment:
ECTION 3F; I	NLET PIPE NO. 6 PHYSICAL	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do p	hysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flor				Estir	mated GPM:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	L INDICATORS (ALL FLO	OWING ASSETS)			
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
Floatables (I	loes Not Include Trash)					
SECTION 3F: 1	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (AI	L FLOWING ASSETS)			
Sam	ple Date/Time:	G/TESTING RESULTS (AL				
Sam	ple Date/Time: Parameter	G/TESTING RESULTS (AL	A. FLOWING ASSETS) Result	Typical EPA Benchmarks	Equips	
Sam	ple Date/Time: Parameter rature (degrees F)	G/TESTING RESULTS (AI		Typical EPA Benchmarks	EXTECH	EC500
Sam	ple Date/Time: Parameter rature (degrees F) pH	G/TESTING RESULTS (AL		Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500
Sam Tempe Specific	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	G/TESTING RESULTS (AL		Typical EPA Benchmarks	EXTECH EXTECH EXTECH	EC500 EC500 EC500
Sam Tempe Specific Sa	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S)	G/TESTING RESULTS (AL			EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500
Sam Tempe Specific Sa CI	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) dorine (ppm)	G/TESTING RESULTS (AI		≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	EC500 EC500 EC500 EC500 t Strips
Sam Tempe Specific Sa CI	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) lilorine (ppm) monia (mg/L)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	EC500 EC500 EC500 EC500 t Strips
Tempe Specific Sa CI An	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) initivy (ppm S) slorine (ppm) umonia (mg/L) factants (mg/L)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	EC500 EC500 EC500 EC500 t Strips t Strips
Sam Tempe Specific Sa CI An Sur	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) initiv (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfm/100mL)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes To be sent to Lab or CHEM.	EC500 EC500 EC500 EC500 EC500 t Strips t Strips tts Detergents Kit K-9400 t to lab
Sam Tempe Specific Sa Cil Am Surr Eace	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppn S) slorine (ppm) monia (mg/L) factants (mg/L) joi (cfu/100mL) occus (cfu/100mL)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes To be sent to Lab or CHEM To be sen	EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit K-9400 t to lab
Sam Tempe Specific Sa Cil Am Surr Eace	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) initiv (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfm/100mL)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes To be sent to Lab or CHEM.	EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit K-9400 t to lab
Sam Tempe Specific Sa Cil Am Surr Eace	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppn S) slorine (ppm) monia (mg/L) factants (mg/L) joi (cfu/100mL) occus (cfu/100mL)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes To be sent to Lab or CHEM To be sen	EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit K-9400 t to lab
Sam Tempe Specific Sa Cil Am Surr Eace	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppn S) slorine (ppm) monia (mg/L) factants (mg/L) joi (cfu/100mL) occus (cfu/100mL)	G/TESTING RESULTS (AI		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes To be sent to Lab or CHEM To be sen	EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit K-9400 t to lab

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Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA				-						
	DMH-9251 2019-08-21 9:33:80				jou	TFALL ID:					
emperature: °F					Ins	pecter(s): Carrie Beckwo	Prescott Andres Hu rth Erin McGuire Ev	rtado Samuel Ma	rinez Zebulan Day	Derek	
reet Name/Struct		CONCORD ST			Ţiu.	precor(a); Deckno	tile in the out to be	czynn couscy			
Previous Precip	ipitation Date/End Time:	2019-08-18 22:15:6	90		Amount (inches): 0.3	37		-	-	-	
Pictures											
	UTLET PIPE ASSET DE										
Location	DMH Interior Co	endition		Material		Sha		Diameter	/Dimension (in.)		bmerged No
MH Outlet Pipe	Fair		Reinforced	Concrete		Circ	le		18	With Sediment:	
ECTION 3A: II	INLET PIPE NO. 1 ASSI	T DESCRIPTION									
Location	Upstream Asset ID		nterial	Clock Postion (Outle	et Pipe at 6:00)		Shape	D	iameter/Dimension		bmerged
nlet Pipe No. 1	CB-3668	Reinforced Concrete		9:00			Circle		18	In Water: With Sediment:	No No
ECTION 3A: II	INLET PIPE NO. 1 PHY		ORS		0.45					In a death ear.	
Name of the last o	Indica	ESSENCE OF THE PROPERTY OF THE		Ind	icator Present?			Inc	licator Description		
	Asset Da				None None						
	Deposits/ Pool Qu				None						
	Pipe Algae	Growth			None						
*Do ph	hysical indicators suggest an		sent (Y/N):		No No				T-	Estimated GPM:	
CTION 3A+1	Is Inlet Pipe No INLET PIPE NO. 1 PHY		DRS (ALL FLOWI	NC ASSETS)	NO					Estimated Of M.	
Personal Property and Property	Indicator	No. of Concession, Name of Street, or other Party of Street, or other	Indicator Present (Yes/			Descript	ion			Severity	
	Odor			,							
	Color										
	Turbidity Does Not Include Trash)										
								-			
		PLING/TESTING	RESULTS (ALL F	LOWING ASSETS)							
ECTION 3A: II	INLET PIPE NO. 1 SAM	PLING/TESTING	RESULTS (ALL F	LOWING ASSETS)	*					•	m _e so the
Samp	INLET PIPE NO. 1 SAM aple Date/Time: Parameter	PLING/TESTING	RESULTS (ALL F		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Typical EPA	Benchmarks			uipment	m, see
Samp	INLET PIPE NO. 1 SAM uple Date/Time: Parameter erature (degrees F)	PLING/TESTING			*	Typical EPA	Benchmarks		EXT	CH EC500	
Samp Samp Temper	INLET PIPE NO. 1 SAM uple Date/Time: Parameter erature (degrees F) pH	PLING/TESTING				Typical EPA	Benchmarks		EXT		
Sample Temper Specific Sall	INLET PIPE NO. 1 SAM uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) dinity (ppm S)	PLING/TESTING							EXTE EXTE EXTE	ECH EC500 ECH EC500 ECH EC500 ECH EC500	
Sample Temper Specific Sall	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm)	PLING/TESTING				≥ Reporti	ng Limit		EXTE EXTE EXTE EXTE	ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips	
Sample Temper Specific Sali	INLET PIPE NO. 1 SAM uple Date/Time: Parameter reature (degrees F) pH : Conductivity (uS) ilinity (ppm S) hobrine (ppm) amonia (mg/L)	PLING/TESTING				≥Reporti ≥0.5 a	ng Limit mg/L	To	EXTE EXTE EXTE EXTE Hach	ECH EC500 ECH EC500 ECH EC500 ECH EC500	K-9400
Samper Specific Sali Ch Am	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm)	PLING/TESTING				≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit ng/L mg/L v/100mJ.	To	EXTE EXTE EXTE EXTE EXTE Hach Hach To be	ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips EMets Detergents Kit	K-9400
Samj Temper Specific Sali Ch Amm Surf E.co	INLET PIPE NO. I SAM uple Date/Time: Parameter reture (degrees F) pH Conductivity (uS) lifalty (ppm S) Morine (ppm) monoia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)	PLING/TESTING				≥ Reporti ≥ 0.5 ± ≥ 0.25	ng Limit ng/L mg/L v/100mJ.	To	EXTR EXTI EXTI EXTI EXTI EXTI Hach Hach To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit es ent to lab	K-9400
Sample Specific Sali Ch Amm. Surf. E.co	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH e conductivity (uS) ilinity (ppm S) hlorine (ppm) mmonia (mg/L) datcants (mg/L) oil (cfu/100mL)	PLING/TESTING				≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit ng/L mg/L v/100mJ.	Te	EXTR EXTI EXTI EXTI EXTI EXTI Hach Hach To be	ECH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips EMets Detergents Kit	K-9400
Section 3A: II Samp Temper Specific Sali Ch Am Surf E.co Enteroce	INLET PIPE NO. I SAM uple Date/Time: Parameter reture (degrees F) pH Conductivity (uS) lifalty (ppm S) Morine (ppm) monoia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)		Res			≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit ng/L mg/L v/100mJ.	Te	EXTR EXTI EXTI EXTI EXTI EXTI Hach Hach To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit es ent to lab	K-9400
Section 3A: II Samp Temper Specific Sali Ch Am Surf E.co Enteroce	INLET PIPE NO. I SAM uple Date/Time: Parameter rature (degrees F) pH c conductivity (uS) ilinity (ppm S) hlorine (ppm) monoia (mg/L) factants (mg/L) oil (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L)	T DESCRIPTION	Res		et Pipe at 6:00)	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit ng/L mg/L v/100mJ.		EXTR EXTI EXTI EXTI EXTI EXTI Hach Hach To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Eddes Detergents Kit sent to lab sent to lab (In.) Sul	bmerged
Samy Temper Specific Sali Ch Amm Surf E-co Enteroce Phos	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parature (degrees F) pH c conductivity (uS) ilinity (ppm S) hlorine (ppm) amonia (mg/L) dictants (mg/L) oli (cfu/100mL) esphorus (mg/L) isphorus (mg/L) inlet PIPE NO. 2 ASSI	T DESCRIPTION	Res	alt		≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit ng/L mg/L /100mL		EXTI EXTI EXTI EXTI Hach Hach to be sent to Lab or CH To be To be	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit e sent to lab e sent to lab	
Samp Temper Specific Sali Ch Am Surri Ecco Enterocc Enterocc Ecco Enterocc	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) lifalty (ppm S) Morine (ppm) amonia (mg/L) factants (mg/L) oil (cfu/100mL) roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID	T DESCRIPTION Ma	Res	Clock Postion (Outl		≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXTE EXTI EXTI Hach Hach Hach To be To be Journal Hach To be To be To be To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit s sent to lab sent to lab (ta.) Sul In Water	bmerged No
Samp Temper Specific Sali Ch Am Surri Ecc Enteroce Entero	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) lilaity (ppm S) hlorine (ppm) amonia (mg/L) factants (mg/L) di (cfu/100mL) sophorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indice	ET DESCRIPTION ME VITIFIED CLAY VITIFIED CLA	Res	Clock Postion (Outl	licator Present?	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXIT EXIT EXIT Hach Hach To be To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit s sent to lab sent to lab (ta.) Sul In Water	bmerged No
Samp Temper Specific Sali Ch Am Surri Ecc Enteroce Entero	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) lilaity (ppm S) Morine (ppm) amonia (mg/L) factants (mg/L) oli (cfu/100mL) voccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indica Asset D	T DESCRIPTION M Vitrified Clay SICAL INDICATO	Res	Clock Postion (Outl	0	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXTE EXTI EXTI Hach Hach Hach To be To be Journal Hach To be To be To be To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab (ta.) Sul In Water	bmerged No
Samp Temper Specific Sali Ch Am Surri Ecc Enteroce Entero	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) lilaity (ppm S) hlorine (ppm) amonia (mg/L) factants (mg/L) di (cfu/100mL) sophorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indice	T DESCRIPTION My Vitrified Clay SICAL INDICATO tor mage Stalas	Res	Clock Postion (Outl	licator Present? None None None	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXTE EXTI EXTI Hach Hach Hach To be To be Journal Hach To be To be To be To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab (ta.) Sul In Water	bmerged No
Section 3A: II Temper Specific Sala Ch Amm Surf Ecco Entrooro Phos CCTION 3B: I. Location lett Pipe No. 2	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) lifalty (ppm S) Morine (ppm) mmonia (mg/L) factants (mg/L) oli (cfu/100mL) roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indica Asset D Deposits Pool Q Fipe Algae	T DESCRIPTION My Vitrified Clay SICAL INDICATO Image Stalas Inality Growth	N saterial	Clock Postion (Outl	Ricator Present? None None None None	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXTE EXTI EXTI Hach Hach Hach To be To be Journal Hach To be To be To be To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab (ta.) Sul In Water	bmerged No
Section 3A: II Temper Specific Sala Ch Amm Surf Ecco Enteroor Phos ECTION 3B: I. Location Inter Fipe No. 2	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) Ilinity (ppm S) Ilinity (p	ST DESCRIPTION Ma Vitrified Clay SICAL INDICATO thor mage Stalas tality Growth Milici discharge is pre-	N saterial	Clock Postion (Outl	licator Present? None None None	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L V100mL V100mL Shape	Ē	EXTE EXTE EXTE EXTE Hach Hach to be sent to Lab or CH To be To be To be 18 Identify	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab (ta.) Sul In Water	bmerged No
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Sampa	INLET PIPE NO. 1 SAM uple Date/Time: Parameter	T DESCRIPTION Mr Vitrified Clay Stolals	Res Naterial ORS	Clock Postion (Outl 12:04 Ind	Blicator Present? None None None None None	≥ Reporti ≥ 0.5 : ≥ 0.25 > 235 cfc	ng Limit mg/L mg/L mg/L vi00mL vi00mL Shape Circle	Ē	EXTE EXTE EXTE EXTE Hach Hach to be sent to Lab or CH To be To be To be 18 Identify	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit e sent to lab sent to lab sent to lab (In.) Su In. Water With Sediment:	bmerged No
Sampa	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) Illnity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) di (cfu/100mL) sphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID c6-7393 INLET PIPE NO. 2 PHY Indica Asset Di Depositis Pool Qi Pipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor	T DESCRIPTION Mr Vitrified Clay Stolals	Naterial DRS sent (V/N): DRS (ALL FLOWE	Clock Postion (Outl 12:04 Ind	Blicator Present? None None None None None	≥ Reports ≥ 0.5 : ≥ 0.25 > 235 cf. > 61 cfu	ng Limit mg/L mg/L mg/L vi00mL vi00mL Shape Circle	Ē	EXTE EXTE EXTE EXTE Hach Hach to be sent to Lab or CH To be To be To be 18 Identify	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab In Water With Sediment.	bmerged No
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CTION 3A: II Samma Samma Temper Specific Sali Ch Amma Surf E.co Enteroscope Floorable II Location let Pipe No. 2 *Do pa *Do pa *Do pa Floorables (II)	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) slinity (ppm S) hlorine (ppm) monoia (mg/L) factants (mg/L) factants (mg/L) di (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID C6-7393 INLET PIPE NO. 2 PHY Indica Asset Di Depositis Pool Qt Pipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash)	Vitrified Clay Vitrif	Resident (V/N): DRS Sent (V/N): DRS (ALL FLOWE) Indicator Present (Yes.	Clock Postion (Outline) 12:04 Ind NG ASSETS)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 23 cft > 61 cfu	ng Limit mg/L mg/L mg/L vi00mL vi00mL Shape Circle	Ē	EXTE EXTE EXTE EXTE Hach Hach to be sent to Lab or CH To be To be To be 18 Identify	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab In Water With Sediment.	bmerged No
Samus	INLET PIPE NO. 1 SAM uple Date/Time: Parameter	Vitrified Clay Vitrif	Resident (V/N): DRS Sent (V/N): DRS (ALL FLOWE) Indicator Present (Yes.	Clock Postion (Outline) 12:04 Ind NG ASSETS)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 23 cft > 61 cfu	ng Limit mg/L mg/L mg/L vi00mL vi00mL Shape Circle	Ē	EXTE EXTE EXTE EXTE Hach Hach to be sent to Lab or CH To be To be To be 18 Identify	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab sent to lab In Water With Sediment: Estimated GPM: Severity	bmerged No
CTION 3A: II Samma Samma Temper Specific Sala Ch Amma Surfe E.co Enteroccore Phos CTION 3B: I. CTION 3B: I. Floatables (I) Floatables (I) CTION 3B: II Floatables (I) Samma	INLET PIPE NO, 1 SAM uple Date/Time: Parameter	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reporti 2 0.5: 2 0.25 > 2.35 cfc > 61 cfa Descrip	ng Limit mg/L mg/L y/100mL J/100mL Shape Circle	Ē	EXTE EXTI EXTI EXTI Hach Hach To be	CCH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab ((a.) Surface With Sediment: Estimated GPM: Severity	bmerged No
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Sampa	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) Ilinity (ppm S) Idiorine (ppm) Immonia (mg/L) factants (mg/L) oli (cfu/100mL) Occus (cfu/100mL) Occus (cfu/100mL) Sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indicator Odor Is Inlet Pipe NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM Inple Date/Time: Parameter Parameter Parameter Farature (degrees F) pH conductivity (uS) Islinity (ppm S)	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 235 cft > 61 cfu Descrip Typical EPA 2 Reports	ng Limit mg/L mg/L mg/L y100mL y100mL Shape Circle	Ē	EXTE EXTI EXTI EXTI Hach the sent to Lab or CH To be EXTI EXTI EXTI EXTI EXTI EXTI EXTI EXTI	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab sent to lab In Water With Sediment: Estimated GPM: Severity Lipipment ECH ECS00	bmerged No
Section 3A: II Sample Sample Temper Specific Sali Ch Amm Surfe E.co Enterocco Phose CCTION 3B: II CCTION 3B: II Floatables (I) ECTION 3B: II Floatables (I) Floatables (I) Sample Specific Sali Ch Sample Specific Sali Ch Carper Sample Sample Sample Specific Sali Ch Ch Carper Sample Sample Specific Sali Ch	INLET PIPE NO. 1 SAM uple Date/Time: Parameter	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5 i 2 0.25 > 235 cfs > 61 cfu Descrip	ng Limit mg/L mg/L mg/L 100mL 1100mL Shape Circle	Ē	EXTE EXTE EXTE EXTE EXTE Hach the sent to Lab or CH To be To be To be A be sent to Lab or CH EXTE EXTE EXTE Identification Id	CCH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Event to lab sent to lab	bmerged No
ECTION 3A: II Samp Temper Specific Sall Ch Amm Surf. E.co Enteroco Phos ECTION 3B: II *Do pl *Control of the control of t	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) Ilinity (ppm S) Idiorine (ppm) Immonia (mg/L) factants (mg/L) oli (cfu/100mL) Occus (cfu/100mL) Occus (cfu/100mL) Sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indicator Odor Is Inlet Pipe NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM Inple Date/Time: Parameter Parameter Parameter Farature (degrees F) pH conductivity (uS) Islinity (ppm S)	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 235 cft > 61 cfu Descrip Typical EPA 2 Report 2 Report 2 0.5: 2 0.25	ng Limit mg/L mg/L mg/L v100mL v100mL Shape Circle Shape Circle dig Limit mg/L mg/L mg/L	Ind	EXTE EXTI EXTI Hach be sent to Lab or CH To be To be To be To be Hach Hach Hach Hach Hach Hach Hach Hach	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab sent to lab In Water With Sediment: Estimated GPM: Severity Severity Estimated GPM: ECH ECS00	bmerged No No
ECTION 3A: II Samp Temper Specific Sall Ch Amm Surf Eco Enterocc Phos ECTION 3B: II Location Intel Pipe No. 2 ECTION 3B: II Floatables (I) Floatables (I) Temper Specific Sall Am Surf Eco Am Surf Eco Enterocc Phos *Do ph	INLET PIPE NO. 1 SAM uple Date/Time: Parameter	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 235 cfc > 61 cfu Descrip Typical EPA 2 Reports 2 Reports 2 0.5: 2 0.25 > 235 cfc	ng Umit mg/L mg/L mg/L 100mL 1100mL Shape Circle Shape Circle tion Benchmarks	Ind	EXTE EXTE EXTE EXTE Hach the sent to Lab or CH To be To be To be Allower Dimension 18 Licator Description EXTE EXTE EXTE EXTE EXTE EXTE EXTE EX	CH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit esent to lab sent to lab sent to lab sent to lab In Water With Sediment: Severity Estimated GPM: Severity Estimated GPM: Severity 1 Comparison of the Ecson ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 I Test Strips Test Strips Test Strips Test Strips Test Strips Test Strips Element belorgents Kit es ent to lab	bmerged No No
ECTION 3A: II Samp Temper Specific Sall Ch Amm Surf E-co Enteroco Phos ECTION 3B: II *Do ph *Do ph ECTION 3B: I Floatables (B Floata	INLET PIPE NO. 1 SAM uple Date/Time: Parameter	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reporti 2 0.5: 2 0.25 > 2.35 cfc > 61 cfa Descrip	ng Limit mg/L mg/L wi/10mL Shape Circle	Ē	EXTE EXTE EXTE EXTE Hach Hach To be To be To be Allameter/Dimension 18 Diameter/Dimension EXTE EXTE EXTE EXTE EXTE EXTE EXTE EXT	CCH EC500 ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab sent to lab In Water With Sediment: Severity Estimated GPM: Severity	bmerged No
SECTION 3A: II Sample Temper Specific Sall Ch Amm Surf E.co Enteroco Phos SECTION 3B: II Amm Temper	INLET PIPE NO. 1 SAM uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) dinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) dictu/100m.L) exphorus (mg/L) supports (mg/L) supports (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indicat Asset D Deposits Pool Qt Pipe Algae shysical indicators suggest an is Inlet Pipe N INLET PIPE NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter Pholorine (ppm) mmonia (mg/L)	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5 1 2 0.25 2 155 cf.	ng Limit mg/L mg/L mg/L viOmL viOmL Shape Circle Benchmarks	Ind	EXTE EXTI EXTI Hach Hach Hach to be sent to Lab or CH To be To be To be Hach Hach Hach Hach Hach Hach Hach Hach	CHECSOO ECH ECSOO Test Strips	bmerged No No
ECTION 3A: II Samy Temper Specific Sali Ch Am Surf Ecco Enterocc Phos ECTION 3B: II Location inlet Pipe No. 2 ECTION 3B: II Floatables (D ECTION 3B: II Floatables (C ETION 3B: II Sam Temper Specific Sali Ch Am	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parature (degrees F) pH Conductivity (uS) lifalty (ppm S) horine (ppm) monoia (mg/L) factants (mg/L) old (fcd/100mL) roccus (cfu/100mL) roccus (cfu/100mL) roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indicator Deposits Pool Qt Pipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time Parameter resture (degrees F) pH conductivity (uS) lidinty (ppm S) hlorine (ppm) mnomaia (mg/L) factants (mg/L)	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 235 cft > 61 cfu Descrip Typical EPA 2 Report 2 Report 2 0.5: 2 0.25	ng Limit mg/L mg/L mg/L v100mL v100mL Shape Circle Shape Circle dig Limit mg/L mg/L mg/L	Ind	EXTE EXTE EXTE EXTE Hach the sent to Lab or CH To be To be To be Allower Dimension 18 Licator Description EXTE EXTE EXTE EXTE EXTE EXTE EXTE EX	CH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips EMets Detergents Kit esent to lab sent to lab sent to lab sent to lab In Water With Sediment: Severity Estimated GPM: Severity Estimated GPM: Severity 1 Comparison of the Ecson ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 I Test Strips Test Strips Test Strips Test Strips Test Strips Test Strips Element belorgents Kit es ent to lab	bmerged No No
ECTION 3A: II Samp Temper Specific Sali Ch Am Surf Ecco Enteroce Phos ECTION 3B: II Location nlet Pipe No. 2 ECTION 3B: II Floatables (D ECTION 3B: II Sam Temper Specific Sali Ch Am Surf Ecco Enteroce	INLET PIPE NO. 1 SAM uple Date/Time: Parameter Parature (degrees F) pH Conductivity (uS) lifalty (ppm S) horine (ppm) monoia (mg/L) factants (mg/L) old (fcd/100mL) roccus (cfu/100mL) roccus (cfu/100mL) roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-7393 INLET PIPE NO. 2 PHY Indicator Deposits Pool Qt Pipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time Parameter resture (degrees F) pH conductivity (uS) lidinty (ppm S) hlorine (ppm) mnomaia (mg/L) factants (mg/L)	Vitrified Clay Vitrif	Results (ALL F.	Clock Postion (Outl 12:00 Ind Ind NG ASSETS) No)	Blicator Present? None None None None None	2 Reports 2 0.5: 2 0.25 > 235 cft > 61 cfu Descrip Typical EPA 2 Report 2 Report 2 0.5: 2 0.25	ng Umit mg/L mg/L mg/L 100mL 1100mL Shape Circle Shape Circle tion Benchmarks	Ind	EXTE EXTI EXTI Hach Hach be sent to Lab or CH To be To be To be Hammeter/Dimension 18 Higher Description EXTI EXTI EXTI Hach Hach Hach Lab or CH EXTI EXTI Hach Jo be sent to Lab or CH To be	ICH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips EMets Detergents Kit sent to lab sent to lab sent to lab In Water With Sediment: Estimated GPM: Severity Severity Estimated GPM: ECH ECS00	bmerged No No

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Phosphorus (mg/L)

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
Inlet Pipe No. 6						With Sediment:
ECTION 3F; II	NLET PIPE NO. 6 PHYSICAL	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt		O .			
*Do ph	bysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flo				Esti	mated GPM:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	LINDICATORS (ALL FLO	WING ASSETS)			
	Indicator	Indicator Present (Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
Floatables (D	Does Not Include Trash)					
ECTION 3F: I	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (ALI	FLOWING ASSETS)			
	ple Date/Time:					
	Parameter		Result	Typical EPA Benchmarks	Equip	
Temper	rature (degrees F)				EXTECH	
	pH				EXTECH	
Specific	Conductivity (uS)				EXTECH	
	linity (ppm S)				EXTECH	
Sali				≥ Reporting Limit	Hach Tes	t Strine
Sali	nlorine (ppm)					
Sali	alorine (ppm) amonia (mg/L)			≥ 0.5 mg/L	Hach Tes	t Strips
Sali Ch Ami	amonia (mg/L) factants (mg/L)			≥ 0.25 mg/L	Hach Tes To be sent to Lab or CHEM	t Strips ets Detergents Kit K-9400
Sali Ch Am Surf	amonia (mg/L) factants (mg/L) bli (cfu/100mL)			≥ 0.25 mg/L > 235 cfu/100mL.	Hach Tes To be sent to Lab or CHEM To be ser	t Strips ets Detergents Kit K-9400 it to lab
Sali Ch Am Surfi E.coi	amonia (mg/L) factants (mg/L)			≥ 0.25 mg/L	Hach Tes To be sent to Lab or CHEM	et Strips ets Detergents Kit K-9400 it to lab it to lab

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Haverhill IDDE Inspection Form Drain Manhole

SSET ID:	DMH-1166				lou	TFALL ID:			
	2019-08-21 9:37:00								
perature: °F	74				Ins	Carrie Prescott Andres pector(s): Beckworth Erin McGuire	Hurtado Samuel Marinez Ze Evelvnn Cousev	bulan Day Derek	
et Name/Struct		CONCORD ST							
Previous Preci	ipitation Date/End Time:	2019-08-18 22:15	5:00		Amount (inches): 0.3	7			
						1	Y		
Pictures									
	UTLET PIPE ASSET DE					Observe	Discost of Discossis	n (le)	Submerged
Location	DMH Interior Co	ndition		Material		Shape	Diameter/Dimensi	In Water	No
IH Outlet Pipe	Fair		Vitrifi	ed Clay		Circle	15	With Sedin	
				The same of the sa					
	INLET PIPE NO. 1 ASSE	AND DESCRIPTION OF THE PERSON NAMED IN		1					
Location	Upstream Asset ID		Material	Clock Postion (Outle	et Pipe at 6:00)	Shape	Diameter/I	Dimension (in.)	Submerged No
let Pipe No. 1	DMH-1165	Vitrified Clay		9:00		Circle		15 In Water With Sedin	
CTION 34- I	INLET PIPE NO. 1 PHYS	SICAL INDICA	TORS	-				Littin othin	
CHOM SA: 1	Indica			Ind	icator Present?		Indicator De	scription	
	Asset Da			780	None		.autenot De		
	Deposits/	Stains			None				
	Pool Qu				None				
*Do no	Pipe Algae/ hysical indicators suggest an i		resent (V/N):		None				
- Do pi	Is Inlet Pipe No		resent (17.4).		Yes		Moderate	Estimated GPM	M: 5
CTION 3A: I	INLET PIPE NO. 1 PHYS		TORS (ALL FLOWI	NG ASSETS)					
100000000000000000000000000000000000000	Indicator		Indicator Present (Yes	The second secon		Description		Severity	
	Odor		No						
	Color		No						
	Turbidity Does Not Include Trash)	No						Clear	
Sam	INLET PIPE NO. 1 SAM aple Date/Time: Parameter crature (degrees F)	PLING/TESTIN 2019-08-21 9:48	Re 68	sult		Typical EPA Benchmarks		Equipment EXTECH EC500	
	pH Conductivity (u.S.)			35 82				EXTECH EC500 EXTECH EC500	
		-					-	EXTECH EC500	
	c Conductivity (uS)	1		22					
Sal	dinity (ppm S)			22 8		≥ Reporting Limit		Hach Test Strips	
Sal Ch	dinity (ppm S)			9		≥ 0.5 mg/L		Hach Test Strips	
Sal Ch Am Surf	dinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L)		<0	0 0 . 05		≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to	Hach Test Strips Lab or CHEMets Deterger	nts Kit K-9400
Sal Ch Am Surf E.co	nlinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oli (cfu/100mL)		<0	9		≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	To be sent to	Hach Test Strips Lab or CHEMets Deterget To be sent to lab	nts Kit K-9400
Sal Ch Am Surf E.co	nlinity (ppm S) hlorine (ppm) nmonia (mg/L) -factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)		<0	0 0 . 05		≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to	Hach Test Strips Lab or CHEMets Deterger	nts Kit K-9400
Sal Ch Am Surf E.co	nlinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oli (cfu/100mL)		<0	0 0 . 05		≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	To be sent to	Hach Test Strips Lab or CHEMets Deterger To be sent to lab To be sent to lab	nts Kit K-9400
Sal Ch Am Surf E.co Enteroc	nlinity (ppm S) hlorine (ppm) nmonia (mg/L) -factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)	T DESCRIPTIO	<0 57	0 0 . 05		≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	To be sent to	Hach Test Strips Lab or CHEMets Deterger To be sent to lab To be sent to lab	nts Kit K-9400
Sal Ch Am Surf E.co Enteroc	llinity (ppm S) hlorine (ppm) nnonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L)		<0 57	0 0 . 05	et Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL		Hach Test Strips Lab or CHEMets Deterget To be sent to lab Otherston (in.)	Submerged
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location	llinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oil (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE		<0 57	0 0 .05 9 .4		≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu 100mL > 61 cfu/100mL		Hach Test Strips Lab or CHEMets Deterget To be sent to lab In Bernston (ib.) In Wat	Submerged er: No
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location clet Pipe No. 2	ulinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637	Vitrified Clay	<0 57 ON Material	0 0 0 0 5 9,4 Clock Postion (Outl		\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape		Hach Test Strips Lab or CHEMets Deterget To be sent to lab To be sent to lab Dimension (in.)	Submerged er: No
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location allet Pipe No. 2	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) oli (cfu/100mL) ococcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY	Vitrified Clay	<0 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged er: No
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location clet Pipe No. 2	ulinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) factants (mg/L) oil (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstram Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica	Vitrified Clay SICAL INDICATION	<0 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	licator Present?	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape		Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged er: No
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location allet Pipe No. 2	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) oli (cfu/100mL) ococcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY	Vitrified Clay SICAL INDICATor mage	<0 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged er: No
Sal Ch Am Surf E.co Enteroc Phos CCTION 3B: I Location allet Pipe No. 2	ulinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) factants (mg/L) oil (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits' Peol Qg	Vitrified Clay SICAL INDICA tor mage Stains allity	<0 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	dicator Present? Cracking None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged er: No
Sale Ch Amm Surf E.co Enteroc Phose CCTION 3B: 1 Location thet Pipe No. 2	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) occcus (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset DD Deposits' Pool Qu Pipe Algae	Vitrified Clay Vitrified Clay tor mage Stains ality Growth	<8 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	dicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged er: No
Sale Ch Amm Surf E.co Enteroc Phose CCTION 3B: 1 Location thet Pipe No. 2	ulinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) factants (mg/L) di (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obysical indicators suggest an	Vitrified Clay Vitrified Clay SICAL INDICA' tor mage Stains ality Growth Elicit discharge is p	<8 57 ON Material	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Blicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips Labor CHEMets Deterge To be sent to lab Minerasion (ia.) 8 In Wat Secription	Submerged SEI No ment, No
Sal Ch Am Surf E.co Pateroc Pateroc Phon SCTION 3B: I Location let Pipe No. 2 *Do pl	ulinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits/ Pool Qu Pipe Algae shysical indicators suggest an Is Inlet Pipe No.	Vitrified Clay Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 2 Flowing?	ON Material TORS	Clock Postion (Outl	dicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips - Lab or CHEMets Deterge - To be sent to lab - William Strip Strip - In Wat - With Sedi	Submerged SEI No ment, No
Sal Ch Am Surf E.co Enteroc Phor CTION 3B: I Location et Pipe No. 2 CTION 3B: I	ulinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) factants (mg/L) oil (cfu/100mL) osphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstram Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits' Pool Qu Fipe Algae obysical indicators suggest an Is Inlet Pipe NO. 2 PHY INLET PIPE NO. 2 PHY	Vitrified Clay Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 2 Flowing?	ON Material TORS resent (Y/N): TORS (ALL FLOWI	Clock Postlon (Outl 12:06	Blicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Circle	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab Minension (in.) In Wat Secription Estimated GP:	Submerged Ct: No ment: No
Sal Ch Am Surf E.co Patroco Phor CTION 3B: I Location let Pipe No. 2 *Do pl	ulinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits/ Pool Qu Pipe Algae shysical indicators suggest an Is Inlet Pipe No.	Vitrified Clay Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 2 Flowing?	ON Material TORS	Clock Postlon (Outl 12:06	Blicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape	Diameter/	Hach Test Strips Labor CHEMets Deterge To be sent to lab Minerasion (ia.) 8 In Wat Secription	Submerged Ct: No ment: No
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Sal Ch Amm Surfe Ecco Phore CTION 3B: I Location let Pipe No. 2 CTION 3B: I *Do pl	ulinity (ppm S) hlorine (ppm) nnnonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obysical indicators suggest an Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity	Vitrified Clay Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 2 Flowing?	ON Material TORS resent (Y/N): TORS (ALL FLOWI	Clock Postlon (Outl 12:06	Blicator Present? Cracking None None None	\$0.5 mg/L \$0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Circle	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab Mineration (in.) In Wat With Sedi Sescription Estimated GP: Severity	Submerged Ct: No ment: No
Sal Ch Am Surf E.co Phor CTION 3B: I Location let Pipe No. 2 "Do pi "Do pi CTION 3B; I Floatables (I	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obsysical indicators suggest an is Inlet Pipe No INLET PIPE NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	ON Material TORS TORS TORS (ALL FLOWI Indicator Present (Yes	Clock Postion (Outl 12:06 Ind NG ASSETS)	Blicator Present? Cracking None None None	> 0.5 mg/L > 0.25 mg/L > 235 cdu 100mL > 61 cfu/100mL Shape Circle	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab Minension (in.) In Wat Secription Estimated GP:	Submerged Ct: No ment: No
Sal Ch Amm Surfa Ecc Enteroco Phose CTION 3B: 1 Location let Pipe No. 2 CTION 3B: 1 *Do pl CTION 3B: 1 Floatables (I CTION 3B: 1	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) old (refu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset DD Deposits' Pool Qu Pipe Algae obysical indicators suggest an Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	ON Material TORS TORS TORS (ALL FLOWI Indicator Present (Yes	Clock Postion (Outl 12:06 Ind NG ASSETS)	Blicator Present? Cracking None None None	> 0.5 mg/L > 0.25 mg/L > 235 cdu 100mL > 61 cfu/100mL Shape Circle	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab Mineration (in.) In Wat With Sedi Sescription Estimated GP: Severity	Submerged Ct: No ment: No
Sal Ch Am Surfa Ecc Enteroco Phose CCTION 3B: I Location thet Pipe No. 2 CCTION 3B: I *Do pl Floatables (I CCTION 3B: I San	ulinity (ppm S) hlorine (ppm) hlorine (ppm) minonia (mg/L) factants (mg/L) oil (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits Pool Qu Pipe Algae obysical indicators suggest an is Inlet Pipe NO. 2 PHY Indicator Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time:	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	\$ 0.5 mg/L \$ 0.25 mg/L > 235 cdu/100mL > 61 cfu/100mL Shape Circle Description	Diameter/	Hach Test Strips - Lab or CHEMets Deterge To be sent to lab Someon (in.) In Wat With Sedi Estimated GP: Severity	Submerged Ct: No ment: No
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Sal Ch Am Surf E.co Phore Phore Phore Phore CCTION 3B: I CCTION 3B: I Floatables (I CCTION 3B: I Sam	ulinity (ppm S) hlorine (ppm) hlorine (ppm) minonia (mg/L) factants (mg/L) oil (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY Indica Asset Da Deposits Pool Qu Pipe Algae obysical indicators suggest an is Inlet Pipe NO. 2 PHY Indicator Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time:	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	\$ 0.5 mg/L \$ 0.25 mg/L > 235 cdu/100mL > 61 cfu/100mL Shape Circle Description	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab In wat Mith Sedi Seveription Estimated GP: Severity Equipment EXTECH ECS00 EXTECH ECS00	Submerged ct: No ment: No
Sal Ch Am Surfe E.co Phoro Pho	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indicator Deposits Pool Qu Pipe Algae obysical indicators suggest an is Inlet Pipe No. INLET PIPE NO. 2 PHY: Indicator Odor Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter retature (degrees F)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	> 0.5 mg/L > 0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Circle Description Typical EPA Benchmarks	Diameter/	Hach Test Strips Lab or CHEMets Deterget To be sent to lab In Wat 8 With Sedi Secription Estimated GP: Severity Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00	Submerged ct: No ment: No
Sal Ch Amm Surfa Ecc Enteroco Photo CCTION 3B: 1 Location let Pipe No. 2 CCTION 3B: 1 CCTION 3B: 1 *Do pi *Do pi *CCTION 3B: 1 Floatables (I. CCTION 3B: Sam Tempe Specific Sal	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) factants (mg/L) occcus (cfu/100mL) occcus (cfu/100mL) occcus (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indicator Deposits' Pool Qu Pipe Algae obysical indicators suggest an Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter ereature (degrees F) pH cConductivity (uS) alinity (ppm S)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	> 0.5 mg/L > 0.25 mg/L > 235 cdu 100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks	Diameter/	Hach Test Strips Lab or CHEMets Deterger To be sent to lab In Wat B Mineration (in.) Estimated GP: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500	Submerged ct: No ment: No
Sal Ch Am Surfe E.co Phoso Phoso CTION 3B: I Location let Pipe No. 2 CTION 3B: I *Do pl CTION 3B: I Floatables (I CTION 3B: I Sam Tempe Specific Sal	ulinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oil (cfu/100mL) occcus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obysical indicators suggest an Is Inlet Pipe No. 2 PHY: Indicator Upstream Asset ID Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM upple Date/Time: Parameter erature (degrees F) pH C Conductivity (uS) alinity (ppm)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	2 0.5 mg/L 2 0.25 mg/L 2 235 cdu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab In wat In Wat With Sedi Severity Severity Estimated GP: Severity Equipment EXTECH ECS00 EXTECH ECS00	Submerged ct: No ment: No
Sal Ch Am Surf E.co Phore CTION 3B: I Location let Pipe No. 2 CTION 3B: I *Do pl CCTION 3B: I Floatables (I CCTION 3B: Sam Tempe Specific Sal Anti	ulinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obsysical indicators suggest an Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) limity (ppm S) hlorine (ppm) mmonia (mg/L)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	20.5 mg/L 20.25 mg/L 20.25 mg/L 20.25 cdu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks 2 Reporting Limit 2 Reporting Limit 2 0.5 mg/L	Diameter/	Hach Test Strips Lab or CHEMets Deterger To be sent to lab In Wat 8 With Sedi Secription Estimated GP: Severity Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips	Submerged CE No ment, No
Sal Crimon Service Ser	ulinity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) oli (cfu/100mL) occcus (cfu/100mL) occcus (cfu/100mL) occcus (cfu/100mL) occcus (cfu/100mL) occus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indicator Pipe Algae obysical indicators suggest an Is Inlet Pipe No. INLET PIPE NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	20.5 mg/L 20.25 mg/L 20.25 cdr 100mL >61 cfs/100mL Shape Circle Description Typical EPA Benchmarks 2 Reporting Limit 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	Diameter/	Hach Test Strips Lab or CHEMets Deterge To be sent to lab In was In Was Estimated GP: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Lab or CHEMets Deterge Label Test Strips Lab or CHEMets Deterge	Submerged CE No ment, No
Sal Ch Am Surf E.co Photo CCTION 3B: I CCTION 3B: I Floatables (I ECTION 3B: I Sam Tempe Specific Sal Am Surf Ecci Ecci Ecci Ecci Ecci Ecci Ecci Ecc	ulinity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID CB-3637 INLET PIPE NO. 2 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae obsysical indicators suggest an Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) limity (ppm S) hlorine (ppm) mmonia (mg/L)	Vitrified Clay SICAL INDICA for mage Stains ality Growth Illicit discharge is p 22 Flowing? SICAL INDICA	TORS TORS TORS TORS (ALL FLOW) Indicator Present (Yes	Clock Postion (Outl 12:06 Ind Ind Ind LOWING ASSETS)	Blicator Present? Cracking None None None	20.5 mg/L 20.25 mg/L 20.25 mg/L 20.25 cdu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks 2 Reporting Limit 2 Reporting Limit 2 0.5 mg/L	Diameter/	Hach Test Strips Lab or CHEMets Deterger To be sent to lab In Wat 8 With Sedi Secription Estimated GP: Severity Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips	Submerged CE No ment, No

SECTION 3C:	INLET PIPE NO. 3 AS	ET DESCRIPTION	SECTION SECTION		
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water: No
alet Pipe No. 3	CB-3636	Vitrified Clay	2:00	Circle	8 With Sediment: No
ECTION 3C:	INLET PIPE NO. 3 PH	YSICAL INDICATORS			
		cator	Indicator Present?		Indicator Description
		Damage s/Stains	Cracking		
		Quality	None		
		e/Growth	None		
*Do J		n illicit discharge is present (Y/N): No.3 Flowing?	No No		Estimated GPM:
ECTION 3C:		YSICAL INDICATORS (ALL FLOV			
c Hon se.	Indicator	Indicator Present ()		Description	Severity
	Odor				
	Color				
Floatables (Turbidity (Does Not Include Trash)	-			
		MPLING/TESTING RESULTS (ALL	. FLOWING ASSETS)		
	mple Date/Time:		E PACCOSINICADED TO THE PACCOSINICADED TO TH		
	Parameter		Result	Typical EPA Benchmarks	Equipment
Temp	perature (degrees F)				EXTECH EC500 EXTECH EC500
Specifi	fic Conductivity (uS)				EXTECH EC500
S	Salinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips Hach Test Strips
	mmonia (mg/L) urfactants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
Entero	ococeus (cfu/100mL)			>61 cfu/100mL	To be sent to lab
Ph	nosphorus (mg/L)				To be sent to lab
CTION 3D:	INLET PIPE NO. 4 AS	SET DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
et Pipe No. 4					In Water:
		VEICH INDICATIONS			With Sediment:
CHON 3D:	: INLET PIPE NO. 4 PH	rsical indicators	Indicator Present?		Indicator Description
		Damage	Indicator Present:		indicator Description
		s/Stains			
		Quality			
*Do t		ne/Growth n illicit discharge is present (Y/N):			
		No.4 Flowing?			Estimated GPM:
CTION 3D:	INLET PIPE NO. 4 PH	YSICAL INDICATORS (ALL FLOV	WING ASSETS)		
	Indicator	Indicator Present ()	řes/No)	Description	Severity
	Odor Color				
	Turbidity				
Floatables ((Does Not Include Trash)				•
		MPLING/TESTING RESULTS (ALL	, FLOWING ASSETS)		
Sar	mple Date/Time: Parameter		Result	Tunical EBA Banchmarks	Paulament
Temp	perature (degrees F)		Result	Typical EPA Benchmarks	Equipment EXTECH EC500
	pH				EXTECH EC500
	fic Conductivity (uS) salinity (ppm S)			/	EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	EXTECH EC500 Hach Test Strips
	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Sui	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	ococcus (cfu/100mL) tosphorus (mg/L)			> 61 cfu/100mL	To be sent to lab To be sent to lab
					TO DE SEIR TO IND
	INLET PIPE NO. 5 AS	ET DESCRIPTION			
	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Location					In Water: With Sediment:
Location					
Location et Pipe No. 5	INLET PIPE NO. 5 PH	SICAL INDICATORS			
Location et Pipe No. 5	INLET PIPE NO. 5 PH	YSICAL INDICATORS	Indicator Present?		Indicator Description
Location let Pipe No. 5	INLET PIPE NO. 5 PH Indi Asset	cator Damage	Indicator Present?		Indicator Description
Location let Pipe No. 5	INLET PIPE NO. 5 PH Indi Asset Deposi	cator Damage x/Stains	Indicator Present?		Indicator Description
Location let Pipe No. 5 CTION 3E:	INLET PIPE NO. 5 PH Indi Asset Deposi Pool (Pipe Alg	cator Damage x/Stains Quality te/Growth	Indicator Present?		Indicator Description
Location let Pipe No. 5 CTION 3E:	INLET PIPE NO. 5 PH Indi Asset i Deposi Pool o Pipe Alg. physical indicators suggest a	cator Damage V/Stains Quality te/Growth n illicit discharge is present (Y/N):	Indicator Present?		
Location let Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 5 PH India Asset i Deposi Pool t Pipe Alg physical indicators suggest a Is inlet Pipe	cator Damage WiStains Duality WiGrowth Illicit discharge is present (Y/N): No.5 Flowing?			Indicator Description Estimated GPM:
Location et Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 5 PH India Asset i Deposi Pool t Pipe Alg physical indicators suggest a Is inlet Pipe	cator Jamage Vistains Juality VeCGrowth In Illicit discharge is present (Y/N): Vo.5 Flowing? VSICAL INDICATORS (ALL FLOW	WING ASSETS)	Description	Estimated GPM:
Location et Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 5 PH Indi Asset Deposi Pool of Pool of Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor	cator Damage WiStains Duality WiGrowth Illicit discharge is present (Y/N): No.5 Flowing?	WING ASSETS)	Description	
Location et Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 5 PH Indi Asset Deposi Pool of Pipe Alg physical Indicators suggest a Is later Pipe INLET PIPE NO. 5 PH Indicator Odor Color	cator Damage ViStains Duality Duality Difference of Coronal Coronal No. S Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y	WING ASSETS)		Estimated GPM:
*Do p	INLET PIPE NO. 5 PH Indi Asset Deposi Pool of Pool of Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor	cator Jamage Vistains Juality VeCGrowth In Illicit discharge is present (Y/N): Vo.5 Flowing? VSICAL INDICATORS (ALL FLOW	WING ASSETS)	Description	Estimated GPM:
Location et Pipe No. 5 CTION 3E: *Do p CTION 3E:	INLET PIPE NO. 5 PH Indi Asset I Deposi Pool I Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash)	cator Damage ViStains Luality (Growth Millet discharge is present (V/N): No.5 Flowing? VSICAL INDICATORS (ALL FLOV Indicator Present (V	WING ASSETS) VEUNO)		Estimated GPM: Severity
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E:	INLET PIPE NO. 5 PH Indi Asset I Deposi Pool I Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash)	cator Damage ViStains Duality Duality Difference of Coronal Coronal No. S Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y	WING ASSETS) VEUNO)		Estimated GPM: Severity
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San	INLET PIPE NO. 5 PH Indi Asset I Deposi Pool of Fipe Alg physical indicators suggest a Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAI mple Date/Time: Parameter	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) VEUNO)		Estimated GPM: Severity Equipment
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San	INLET PIPE NO. 5 PH Indi Asset I Deposi Pool of Pipe Alg physical indicators suggest a Is laster Pipe INLET PIPE NO. 5 PH Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SA IMPLE Date/Time: Parameter Persentere Gegres F)	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San Temper	INLET PIPE NO. 5 PH Indi Asset I Deposio Pool to Pipe Alg: physical indicators suggest a Is infet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAI mple Date/Time: Parameter PH PH	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San Tempe	INLET PIPE NO. 5 PH Indi Asset I Deposi Pool of Pipe Alg physical indicators suggest a Is laster Pipe INLET PIPE NO. 5 PH Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SA IMPLE Date/Time: Parameter Persentere Gegres F)	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San Tempel Specifi Si C C	INLET PIPE NO. 5 PH Indi Asset I Deposis Pool to Pipe Alig physical indicators surgest a Is inlet Pipe INLET PIPE NO. 5 PH INLET PIPE NO. 5 SAI maye Date Time: Parameter Parameter Perature (degrees F) pH Ic Conductivity (us) Saidnity (ppm S) Chlorine (ppm)	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)		Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CTION 3E: San Tempo Specifi Si CC Ar	India Asset I Indi Asset I Deposi Pool I Is inlet Pipe Alg. physical indicators suggest a Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAI mple Date/Time: Plear-Time:	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps
Location let Pipe No. 5 CCTION 3E: CCTION 3E	INLET PIPE NO. 5 PH Indi Asset i Deposi Pool of Pipe Alg Physical indicators suggest a Is larter Pipe INLET PIPE NO. 5 PH Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SA IMPLED PIPE NO. 5 SA IM	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Location let Pipe No. 5 CCTION 3E: CCTION 3E: CCTION 3E: San Tempi Specifi Si CC Ar Sun	India Asset I Indi Asset I Deposi Pool I Is inlet Pipe Alg. physical indicators suggest a Is inlet Pipe INLET PIPE NO. 5 PH Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAI mple Date/Time: Plear-Time:	cator Damage Vistains Duality Duality Deferowth Indicator Present (Y/N): VS. Flowing? VSICAL INDICATORS (ALL FLOW Indicator Present (Y MPLING/TESTING RESULTS (ALL	WING ASSETS) YEAVNO) FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps

1 5

Indicator Indicator Present? Indicator Description	let Pipe No. 6 CTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is later Pipe No. 6 Flowing? CTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) CTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:	Present? Description	Indicator Description Indicator Description Estimated GPM: Severity	inti
Indicator Indicator Present? Indicator Description	Indicator Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is later Pipe No. 6 Flowing? CTION 3F; INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) CTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:	Description	Indicator Description Estimated GPM: Severity	
Asset Damage	Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicator suggest an illicit discharge is present (Y/N): Is inder Pipe No.6 Flowing? CCTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CCTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:	Description	Estimated GPM: Severity	
Asset Damage	Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is Intel Pipe No. 6 Flowing? CCTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CCTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:	Description	Estimated GPM: Severity	
Deposits/Stains	Deposits/Stains Pool Quality Pool Quality *Do physical indicators suggest an illicit discharge is present (V/N): Is Inlet Pipe No. 6 Flowing? CCTION 3F; INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CCTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
Pool Quality	Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (V/N): Is Inder Pipe No.6 Flowing? **CCTION 3F; INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Present (Yes/No) Odor Color Turbidity Floatables (Does Not Include Trash) **CCTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
Pipe Algae/Growth	Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (V/N): Is Intel Pipe No. 6 Flowing? ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
**Do physical indicators suggest an illicit discharge is present (V/N): Is linef Pipe No.6 Flowing? Estimated GPM	*Do physical indicators suggest an illicit discharge is present (V/N): Is Intel Tipe No.6 Flowing? CCTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Color Turbidity Floatables (Does Not Include Trash) CCTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
Stillate Pipe No.6 Flowing? Estimated GPM:	Is Inlet Pipe No.6 Flowing? ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Present (Yes/No) Odor Color Turbidity Floatables (Does Not Include Trash) ECTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
Indicator Indicator Present (Yes/No) Description Severity	CCTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Present (Yes/No) Odor Color Turbidity Floatables (Does Not Include Trasth) CCTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:		Severity	
Indicator	Indicator Indicator Present (Yes/No) Odor Color Turbidity Floatables (Does Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Odor	Odor Color Turbidity Floatables (Does Not Include Trash) ECTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Color	Color Turbidity Floatables (Does Not Include Trash) ECTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Turbidity Floatables (Does Not Include Trash)	Turbidity Floatables (Does Not Include Trash) ECTION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Floatables (Does Not Include Trash) Section 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS)	Floatables (Does Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Sample Date/Time: Sample Date/Time: February Specific Conductivity (uS) Sample Date/Time: Specific Conductivity (uS) Salinity (ppm S) Specific Conductivity (uS) Salinity (ppm S) Specific Conductivity (uS) Salinity (ppm S) Specific Conductivity (uS) Specif	ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time:			
Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment	Sample Date/Time:			
Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) EXTECH EC500 EXTECH EC500 pH EXTECH EC500 EXTECH EC500 Specific Conductivity (uS) EXTECH EC500 EXTECH EC500 Salinity (ppm S) EXPECH EC500 EXTECH EC500 Chlorine (ppm) ≥ Reporting Limit Hach Text Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Text Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab CHEMets Detergents Kit K-9a E.coli (cfu/100mL) ≥ 235 cfu/100mL To be sent to lab Entercooccus (cfu/100mL) > 61 cfu/100mL To be sent to lab				
Temperature (degrees F)				
Description		Typical EPA Benchmarks		
Specific Conductivity (uS) EXTECH EC500 Salinity (ppm S) EXTECH EC500 Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-9. E.coli (cfu/100mL) ≥ 235 cfu/100mL To be sent to Lab Paterconceus (cfu/100mL) > 61 cfu/100mL To be sent to Lab				
Salinity (ppm S) EXTECH EC500 Chlorine (ppm) z Reporting Limit Hach Test Strips Ammonia (mg/L) z 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEM'est Detergents Kit K-90 E.coli (cfu/100mL) ≥ 235 cfu/100mL To be sent to lab Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to lab				
Chlorine (ppm) 2 Reporting Limit Hach Test Strips Ammonia (mg/L) 2 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-9: E.ceil (cfw/100mL) ≥ 255 cfw/100mL. To be sent to Lab Entercoccus (cfw/100mL) > 61 cfw/100mL. To be sent to Lab				
Ammonia (mg/L) 20.5 mg/L Hach Test Strips				
Surfactants (mg/L) 20.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-98	Chlorine (ppm)			
E.coli (cfu/100mL) > 235 cfu/100mL To be sent to lab Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to lab	Ammonia (mg/L)			
Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to lab	Surfactants (mg/L)	≥ 0.25 mg/L		Kit K-9400
	E.coli (cfu/100mL)	> 235 cfu/100mL	To be sent to lab	
Phosphorus (mg/L) To be sent to lab	Enterococcus (cfu/100mL)	> 61 cfu/100ml,		
	Phosphorus (mg/L)		To be sent to lab	
	Comments:			
Comments:	Corporation and the contract of the contract o			
Comments:				
	T. /			
TI	Signature of Inspector:			

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Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA								
	DMH-1165 2019-08-21 9:40:00					OUTFALL ID:			
Date/Time:	2019-08-21 9:40:00					Carrie Pres	cott Andres Hurtado Samuel	Marinez Zebulan Day Der	rek
Temperature: °F						Inspector(s): Beckworth E	rin McGuire Evelynn Cousey		
Street Name/Struc		CONCORD ST	F-00		Amount (inches):	A 27			
Previous Prec	ipitation Date/End Time:	2019-08-18 22:1	5:00		Amount (menes).	0.37			
Pictures									
				20000000	-		372 - 52 - 3		
onorios a o	very ear name vector name	CDIPCION	100		-				
Location	DMH Interior Cor			Material		Shape	Diame	ter/Dimension (in.)	Submerged
	Dan interior Cor	idition		Material		Заарс	Diame	ter/Diatelaton (tal)	In Water:
DMH Outlet Pipe									With Sediment:
	400								
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION	ON	1					
Location	Upstream Asset ID		Material	Clock Postion (Outle	et Pipe at 6:00)	St	паре	Diameter/Dimension (in.)	
Inlet Pipe No. 1									In Water:
		Self Way and							With Sediment:
SECTION 3A:	INLET PIPE NO. 1 PHYS	ICAL INDICA	TORS						
	Indicat			Ind	licator Present?			Indicator Description	
	Asset Dan Deposits/S								
-	Pool Qua								
	Pipe Algae/C								
*Do p	hysical indicators suggest an il		resent (Y/N):						
	Is Inlet Pipe No.	1 Flowing?						Estin	mated GPM:
SECTION 3A:	INLET PIPE NO. 1 PHYS	ICAL INDICA	TORS (ALL FLOWI	NG ASSETS)					
	Indicator		Indicator Present (Yes/	No)		Description			Severity
	Odor								
	Color								
Floatables (1	Turbidity Does Not Include Trash)								
	INLET PIPE NO. 1 SAMI	I INC/TESTIN	C PESULTS (ALL E	OWING ASSETS)					
	nple Date/Time:	LII (CII LLUI III)	o mocesto (mari	DO MINO INDUITO)					
	Parameter		Res	sult		Typical EPA Bench	marks	Equip	ment
	erature (degrees F)							EXTECH	EC500
	pН							EXTECH	
Specific								EXTECH	EC500
	c Conductivity (uS)								ECCO
Sa	alinity (ppm S)					> Bendation Uni		EXTECH Heat Too	
Sa	alinity (ppm S) Thlorine (ppm)					≥ Reporting Lim	it	Hach Tes	t Strips
Sa Cl An	alinity (ppm S) Thlorine (ppm) mmonia (mg/L)					≥ 0.5 mg/L		Hach Tes Hach Tes	rt Strips rt Strips
Sa Ci An Sur	alinity (ppm S) Thlorine (ppm) mmonia (mg/L) rfactants (mg/L)							Hach Tes	et Strips et Strips ets Detergents Kit K-9400
Sa Cl An Sur E.co	alinity (ppm S) Thlorine (ppm) mmonia (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	ıL	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen To be sen	rt Strips et Strips ets Detergents Kit K-9400 nt to Iab nt to Iab
Sa Cl An Sur E.co	alinity (ppm S) Thlorine (ppm) Dimonia (mg/L) rfactants (mg/L) oli (cfu/100mL)					≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100m	ıL	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen	rt Strips et Strips ets Detergents Kit K-9400 nt to Iab nt to Iab
Sa Cl An Sur E.c. Enteroc	alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100m	ıL	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen To be sen	rt Strips et Strips ets Detergents Kit K-9400 nt to Iab nt to Iab
Sa CI An Sur E.cc Entero Pho SECTION 3B;	alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfa/100mL) ococcus (cfa/100mL) asphorus (mg/L) INLET PIPE NO. 2 ASSE					≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 cfu/100m > 61 cfu/100m	it. L	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen To be sen To be sen	rt Strips rt Strips rt Strips rt Strips rt Strips rt to Lab rt to Lab rt to Lab
Sa Cl An Sur E.c. Enteroc	alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfu/100mL) occcus (cfu/100mL) sphorus (mg/L)		ON Material	Clock Postion (Outl	et Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 cfu/100m > 61 cfu/100m	ıL	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen To be sen	at Strips tt Strips ets Detergents Kitt K-9400 tt to lab tt to lab tt to lab Submerged
Sa CI An Sur E.cc Entero Pho SECTION 3B;	alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfa/100mL) ococcus (cfa/100mL) asphorus (mg/L) INLET PIPE NO. 2 ASSE			Clock Postion (Outl	et Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 cfu/100m > 61 cfu/100m	it. L	Hach Tes Hach Tes To be sent to Lab or CHEM To be sen To be sen To be sen	tt Strips 15 Krips 15 Krips 16 Krips 16 Krips 16 Lab 17 Lab 18 La
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	LET PIPE NO. 3 ASSE	The state of the s			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Subm
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SECTION 3C: IN	ILET PIPE NO. 3 PHYS		Indicator Present?		Indicator Description
	Asset Dar	mage			
	Deposits/S Pool Qua				
	Pipe Algae/G	Growth			
*Do phy	sical indicators suggest an il Is Inlet Pipe No.	llicit discharge is present (Y/N): .3 Flowing?			Estimated GPM:
SECTION 3C: IN	STATE OF THE PERSON NAMED IN COLUMN	SICAL INDICATORS (ALL FLOWI	ING ASSETS)		
	ndicator Odor	Indicator Present (Yes	s/No)	Description	Severity
	Color				
	Furbidity oes Not Include Trash)			•	
THE RESERVE OF THE PARTY OF THE		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
Samp	le Date/Time:				
	arameter sture (degrees F)	Re	rsult	Typical EPA Benchmarks	Equipment EXTECH EC500
	pH				EXTECH EC500
	Conductivity (uS) nity (ppm S)				EXTECH EC500 EXTECH EC500
	orine (ppm)			≥ Reporting Limit	Hach Test Strips
Amn	nonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	ctants (mg/L) i (cfu/100mL)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
Enteroco	ceus (cfu/100mL)			>61 cfu/100mL	To be sent to lab To be sent to lab
Phosp	ohorus (mg/L)				I to be sent to lab
SECTION 3D: IN	NLET PIPE NO. 4 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Subm
Inlet Pipe No. 4					With Sediment:
SECTION 3D: IN	NLET PIPE NO. 4 PHYS				
	Indicat Asset Dat		Indicator Present?		Indicator Description
	Deposits/S	Stains			
	Pool Qu Pipe Algae/				
*Do phy	ysical indicators suggest an i Is Inlet Pipe No	illicit discharge is present (Y/N):			
SECTION 3D: IN					Estimated GPM:
	NLET PIPE NO. 4 PHYS	SICAL INDICATORS (ALL FLOW)	ING ASSETS)		Estimated GPM:
A STATE OF THE PARTY OF THE PAR	Indicator	SICAL INDICATORS (ALL FLOW Indicator Present (Ye		Description	Estimated GPM: Severity
A STATE OF THE PARTY OF THE PAR					
	Indicator Odor Color Furbidity			Description	
Floatables (De	Indicator Odor Color Furbidity pes Not Include Trash)	Indicator Present (Yes	£/No)		
Floatables (Do SECTION 3D: IN Samp	Indicator Odor Color Crobidity See Not Include Trash) NLET PIPE NO. 4 SAM	Indicator Present (Ye	FLOWING ASSETS)	•	Severity
Floatables (De SECTION 3D: IN Samp	indicator Odor Color Furbidity sees Not Include Trash) NLET PIPE NO. 4 SAMI ole Date/Time:	Indicator Present (Ye	£/No)		Severity Equipment
Floatables (De SECTION 3D: IN Samp	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi le Date/Time: 'arameter ature (degrees F) pH	Indicator Present (Ye	FLOWING ASSETS)	•	Equipment EXTECH ECS00 EXTECH ECS00
Floatables (De SECTION 3D: IN Samp P Temper:	Indicator Odor Color Furbidity Ses Not Include Trash) NLET PIPE NO. 4 SAM: She Date/Time: arameter ature (degrees F) pH Conductivity (uS)	Indicator Present (Ye	FLOWING ASSETS)	•	Severity Equipment EXTECH ECS00
Floatables (De SECTION 3D: IN Samp P Temper: Specific c	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) orine (ppm)	Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips
Floatables (De SECTION 3D: IN Samp F Temper: Specific t Sali Chil	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAM ble Date/Time: Parameter ature (degrees F) pH Conductivity (uS) aity (ppm S) nonia (mg/L)	Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips
Floatables (Dr. SECTION 3D: IN SECTION 3D: IN Fample F Temper: Specific to Salii Chi Ame Surfa E.col	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) orine (ppm) nonia (mg/L) si (cfu/100mL)	Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHestes Detergents Kir K To be sent to lab
Floatables (De SECTION 33): If Samp F Temper: Specific Sali Chi Amm Surfa	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAM! sle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) aity (ppm S) ordine (ppm) monia (mg/L) tctants (mg/L) tctants (mg/L) tccus (cfu/100mL)	Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMES Detergents Kit K To be sent to lab To be sent to lab
Floatables (Dr. SECTION 3D: IN Samp P Temper: Specific (Salia Chi Amm Surfa E.col	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) forine (ppm) nonia (mg/L) sctants (mg/L) i (cfu/100mL) phorus (mg/L)	Indicator Present (Yes	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHestes Detergents Kir K To be sent to lab
Floatables (De SECTION 3D: 18 SECTION 3D: 18 Former: Specific of Chi Amma Surfa Ectol Enteroco Phosp	Indicator Odor Color Furbidity Ses Not Include Trash) NLET PIPE NO. 4 SAM Isle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) mity (ppm S) sorine (ppm) monia (mg/L) tctants (mg/L) tctants (mg/L) tctus (cfu/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE	Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMES Detergents Kit K To be sent to lab To be sent to lab
Floatables (De SECTION 3D: IN Formation of the SecTION 3D: IN Location	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) forine (ppm) nonia (mg/L) sctants (mg/L) i (cfu/100mL) phorus (mg/L)	Indicator Present (Yes	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMES Descriptions Kit K To be sent to lab
Floatables (De SECTION 3D: IN Samp P Temper: Specific of Specific Chi Ames Surfa Ecolo Enteroco Phosp SECTION 3E: IN Location Inlet Pipe No. 5	Indicator Odor Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) mity (ppm S) norine (ppm) nonia (mg/L) tctants (mg/L) i (efu/100mL) sceus (cfu/100mL) shorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID	Indicator Present (Yes	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Teat Strips Hach Teat Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
Floatables (De SECTION 3D: IN Samp P Temper: Specific of Specific Chi Ames Surfa Ecolo Enteroco Phosp SECTION 3E: IN Location Inlet Pipe No. 5	Indicator Odor Color Furbidity Ses Not Include Trash) NLET PIPE NO. 4 SAMI sle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) anity (ppm S) sorine (ppm) monia (mg/L) tctants (mg/L) tctants (mg/L) tctus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID	Indicator Present (Yes	Clock Postion (Outlet Pipe at 6:00)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Ten Strips Hach Ten Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
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Floatables (De SECTION 3D: IN Samp P Temper: Specific of Specific Chi Amma Surfa Ecolo Enteroco Phosp SECTION 3E: IN Location Inlet Pipe No. 5	Indicator Odor Color Color Farbidity Sees Not Iaclude Trash) NLET PIPE NO. 4 SAMI See Date/Time: "arameter ature (degrees F) pH Conductivity (uS) aiity (ppm S) sorine (ppm) monia (mg/L) ic (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposity.'	Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:00)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Ten Strips Hach Ten Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
Floatables (De SECTION 3B: IN Location Inlet Pipe No. 5	Indicator Odor Color Furbidity Ses Not Include Trash) NLET PIPE NO. 4 SAMi sle Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) sorine (ppm) nonia (mg/L) scens (efu/100mL) sphorus (mg/L) Lictus (mg/L) Lictus (mg/L) Lictus (mg/L) Success (efu/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae*	Indicator Present (Yet	Clock Postion (Outlet Pipe at 6:00)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Ten Strips Hach Ten Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
Floatables (De SECTION 3B: IN Location Inlet Pipe No. 5	Indicator Odor Color Color Furbidity ses Not Include Trask) NLET PIPE NO. 4 SAM Dele Date/Time: "arameter ature (degrees F) pH Conductivity (uS) anity (ppm S) orine (ppm) monia (mg/L) tectants (mg/L) tectan	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains sality Growth Milett discharge is present (Y/N):	Clock Postion (Outlet Pipe at 6:00)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab
Floatables (De SECTION 3D: IV SecTION 3D: IV Specific to Salia Chi Amma Surfa E.col Enteroco Phosy SECTION 3E: IV Location Inlet Pipe No. 5	Indicator Odor Color Culor Culor Furbidity Ses Not Include Trash) NLET PIPE NO. 4 SAM Side Date/Time: Parameter ature (degrees F) pH Conductivity (uS) sinity (ppm) Sorine (pp	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains sality Growth Milett discharge is present (Y/N):	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab
Floatable (De SECTION 3D: IN Samp F Temper: Specific (Salia) Chi Amm Surfa E.col Enteroco Phosy SECTION 3E: IN Location Inlet Pipe No. 5 SECTION 3E: IN *Do ph *SECTION 3E: IN *SECT	Indicator Odor Color Color Farbidity Sees Not Iaclude Trash) NLET PIPE NO. 4 SAMI Sees Not Iaclude Trash) Sees Not Iaclude Trash Sees Not Iaclude Trash Sees Not Iaclude Trash Sees Iaclude Tras	Indicator Present (Yet	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab
Floatable (De SECTION 3D: IN Samp F Temper: Specific (Salia) Chi Amm Surfa E.col Enteroco Phosy SECTION 3E: IN Location Inlet Pipe No. 5 SECTION 3E: IN *Do ph *SECTION 3E: IN *SECT	Indicator Odor Color Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAM de Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (ppm) nonia (mp/L) scitants (mg/L) i (cfa/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposits' Pool Qu pipe Algae' sysical indicators suggest as Is Inlet Pipe NO. 5 PHYS Indicator Odor	Indicator Present (Yes	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 23.5 cfu/100mL > 61 cfu/100mL Shape	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab In Water; With Sediment. Indicator Description
Floatables (De SECTION 3D: IV Samp P Temper: Specific C Sali Chi Amm Surfa E.col Entercoo Phosp SECTION 3E: IV Location Intel Pipe No. 5 SECTION 3E: IV *Do ph	Indicator Odor Color Color Furbidity ses Not Include Trask) NLET PIPE NO. 4 SAM de Date/Time: "arameter ature (degrees F) pH Conductivity (uS) anity (ppm S) orine (ppm) monia (mg/L) tectants	Indicator Present (Yes	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 23.5 cfu/100mL > 61 cfu/100mL Shape	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab In Water; With Sediment. Indicator Description Extimated GPM: Severity
Floatables (De SECTION 3B: IN SECTION 3E: IN SECTIO	Indicator Odor Color Curbidity ses Not Include Trash) NLET PIPE NO. 4 SAM ide Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm) nonia (mp/L) cictants (mg/L) i (cfa/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposity: Pool Qu Pipe Algae/ ysical indicators suggest an Is Inlet Pipe NO. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Odor Color Turbidity	Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit 2 0.5 mg/L ≥ 0.25 mg/L > 2.25 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab In Water; With Sediment. Indicator Description
Floatables (De SECTION 3D: IN SecTION 3D: IN SECTION 3E: IN SECTIO	Indicator Odor Color Curbidity ses Not Include Trash) NLET PIPE NO. 4 SAM ide Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm) nonia (mp/L) cictants (mg/L) i (cfa/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposity: Pool Qu Pipe Algae/ ysical indicators suggest an Is Inlet Pipe NO. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Odor Color Turbidity	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth illicit discharge is present (Y/N): S Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit 2 0.5 mg/L ≥ 0.25 mg/L > 2.25 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab Extension (in.) In Water: With Sediment. Indicator Description
Floatables (De SECTION 3B: IP Tempers Specific Color Sali Chi Amm Surfa E.col Enteroco Phosy SECTION 3E: IP Location Inlet Pipe No. 5 SECTION 3E: IP *Do pb SECTION 3E: IP Floatables (De SECTION 3E: IP Floatables (De SECTION 3E: IP Samp	Indicator Odor Color Color Furbidity ses Not Include Trash) NLET PIPE NO. 4 SAM de Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) ainty (ppm S) orine (ppm) nonia (mg/L), sctants (mg/L) i (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposity: Pool Qu Pipe Algae' ysical indicators suggest an is Inlet Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAM oble Date/Time: 'arameter	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit 2 0.5 mg/L ≥ 0.25 mg/L > 2.25 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab Diameter/Dimension (in.) Diameter/Dimension In Water: With Sediment. Lettimated GPM: Extimated GPM: Equipment
Floatables (De SECTION 3B: IP Tempers Specific Color Sali Chi Amm Surfa E.col Enteroco Phosy SECTION 3E: IP Location Inlet Pipe No. 5 SECTION 3E: IP *Do pb SECTION 3E: IP Floatables (De SECTION 3E: IP Floatables (De SECTION 3E: IP Samp	Indicator Odor Odor Color Golor Golo	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Position (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) ING ASSETS)	Typical EPA Benchmarks Reporting Limit 2.0.5 mg/L 2.0.25 mg/L > 215 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit N To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment. Indicator Description Extimated GPM: Severity
Floatables (D: SECTION 3B: IV *Do pb; SECTION 3E: IV SECTION 3E: I	Indicator Odor Color Curbidity Ses Not Include Trash) NLET PIPE NO. 4 SAM Selection (Same Selection) In the Conductivity (uS) In the Conductivity	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Position (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) ING ASSETS)	Typical EPA Benchmarks Reporting Limit 2.0.5 mg/L 2.0.25 mg/L > 215 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab Diameter/Dimension (in.) Sub In Water; With Sediment. Estimated GPM: Estimated GPM: Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
Floatables (De SECTION 3D: IV Samp P Tempers Specific Sali SecTION 3E: IV SECTION	Indicator Odor Odor Color Color Farbidity Sees Not Iaclude Trash) NLET PIPE NO. 4 SAMI See Date/Time: Parameter Autre (degrees F) PH Conductivity (uS) anity (ppm S) Sorine (ppm) Sorine (p	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Position (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) ING ASSETS)	Typical EPA Benchmarks Reporting Limit 2.0.5 mg/L 2.0.25 mg/L > 215 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab In Water: With Sediment. Indicator Description Extimated GPM: Equipment Extended GPM: Equipment EXTECH EC500 EXTECH EC500
Floatables (De SECTION 3D: IV Samp P Tempers SecTION 3E: IV SECTIO	Indicator Odor Color Curbidity Ses Not Include Trash) NLET PIPE NO. 4 SAM Selection (Same Selection) In the Conductivity (uS) In the Conductivity	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Position (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) ING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 215 cfu/100mL > 61 cfu/100mL Shape Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab In Water: With Sediment. Estimated GPM: Equipment Extended CPM: Extended CPM:
Floatables (De SECTION 3D: IV Samp P Tempers Specific Sali Section 3D: IV Samp Surfa Ecol Entercoco Phos SECTION 3E: IV SECTIO	Indicator Odor Color Color Turbidity ses Not Include Trask) NLET PIPE NO. 4 SAM de Date/Time: "arameter ature (degrees F) pH Conductivity (uS) anity (ppm S) orine (ppm) monia (mg/L) tectants	Indicator Present (Ye PLING/TESTING RESULTS (ALL I Re T DESCRIPTION Material SICAL INDICATORS tor mage Stains forwith fillett discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Position (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) ING ASSETS)	Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	Equipment EXTECH EC500 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab In Water: With Sediment. Subn In Water: With Sediment. Estimated GPM:

let Pipe No. 6	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
let Pipe No. 6						In Water:
						With Sediment:
CTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do pl	hysical indicators suggest an illicit d				E-10	mated GPM:
	Is Inlet Pipe No.6 Flov				Esu	mated Gr.M.
ECTION 3F; I	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	The second secon			
	Indicator	Indicator Present (Ye	s/No)	Description		Severity
	Odor					
	Color					
	Turbidity			•		
	Does Not Include Trash)					
ECTION 3F: I	NLET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALL)	FLOWING ASSETS)			
Sam	ple Date/Time:					
	Parameter	R	Result	Typical EPA Benchmarks	Equip	
	rature (degrees F)				EXTECH	EC500
Tempe						
	pH				EXTECH	
Specific	Conductivity (uS)				EXTECH	I EC500
Specific Sal	Conductivity (uS) linity (ppm S)				EXTECH EXTECH	I EC500 I EC500
Specific Sal Ch	Conductivity (uS) linity (ppm S) hlorine (ppm)			≥ Reporting Limit	EXTECH EXTECH Hach Tes	I EC500 I EC500 st Strips
Specific Sal Ch	Conductivity (uS) liaity (ppm S) hlorine (ppm) monia (mg/L)			≥ 0.5 mg/L	EXTECH EXTECH Hach Tes Hach Tes	I EC500 I EC500 st Strips st Strips
Specific Sal Ch Am Surf	Conductivity (uS) linity (ppm S) hlorine (ppm) hmonia (mg/L) factants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH Hach Ter Hach Ter To be sent to Lab or CHEM	I EC500 I EC500 st Strips st Strips ets Detergents Kit K-9400
Specific Sal Ch Am Surf E.co	Conductivity (uS) linity (ppm S) hlorine (ppm) mnonia (mg/L) factants (mg/L) bii (cfu/100mL)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH Hach Te To be sent to Lab or CHEM To be seen	I EC500 I EC500 st Strips st Strips (ets Detergents Kit K-9400 nt to Iab
Specific Sal Ch Am Surf E.co	Conductivity (uS) linity (ppm S) hlorine (ppm) hmonia (mg/L) factants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH Hach Ter Hach Ter To be sent to Lab or CHEM	I EC500 I EC500 st Strips st Strips lets Detergents Kit K-9400 nt to lab nt to lab

	And the second second second							E			
	CKGROUND DATA					OUTFALL ID					
	2019-08-21 9:49:00					TO TE ALLO ID					
						Same of the State of	Carrie Prescott Andres	Hurtado Samuel Ma	rinez Zebulan Day Der	ek	
	74	1				Inspector(s):	Beckworth[Erin McGuire]	Evelynn Cousey			
Street Name/Struc		CONCORD ST	-00		Amount (inches)	- la 37					
Previous Preci	ipitation Date/End Time:	2019-08-18 22:15	:00		Amount (menes)	0.37					
Pictures											
	UTLET PIPE ASSET DE			Material		_	Shape	Diamete	r/Dimension (in.)		Submerged
Location	CB Interior Con	ndition						Diamete		In Water:	Partially
CB Outlet Pipe	Fair		Reinforced	Concrete			Circle		18		nt Partially
	THE RESERVE										
SECTION 3A: 1	INLET PIPE NO. 1 ASSI	ET DESCRIPTIO	N								
Location	Upstream Asset ID		Interial	Cleck Postion (Out	et Pipe at 6:00)		Shape		Diameter/Dimension (in.)		Submerged
Inlet Pipe No. 1	CB-1863	Reinforced		2:00			Circle		18	In Water:	No
iniet ripe No. 1	CD-1803	Concrete		2.00						With Sedime	nti No
SECTION 3A: 1	INLET PIPE NO. 1 PHY	SICAL INDICAT	TORS								
	Indica			1nc	licator Present?			In	dicator Description		
	Asset Da Deposits				None None						
	Pool Qu				None						
	Pipe Algae				None						
*Do p	hysical indicators suggest an	illicit discharge is pr	resent (Y/N):		No						
	Is Inlet Pipe N	o.1 Flowing?			Yes	-		Moderate	Estima	ted GPM:	10
SECTION 3A: 1	INLET PIPE NO. 1 PHY	SICAL INDICAT	ORS (ALL FLOWI	NG ASSETS)							
	Indicator		Indicator Present (Yes/	No)			Description			Severity	
	Odor		No								
	Color Turbidity		No				- 120			Clear	
Floatables (I	Does Not Include Trash)	No									
	INLET PIPE NO. 1 SAM	Name and Address of the Owner, where the Parket of the Owner, where the Owner, which is the Owner, wh	G RESULTS (ALL F	LOWING ASSETS)							
	nple Date/Time:	2019-08-21 9:50									
	Parameter		Res	sult		Тур	ical EPA Benchmarks		Equip		
Tempe	erature (degrees F)		69						EXTECH		
	pH		7.						EXTECH EXTECH		
	c Conductivity (uS) dinity (ppm S)	-	72					-	EXTECH		
	hlorine (ppm)	-					≥ Reporting Limit		Hach Tes		
	nmonia (mg/L)		(≥ 0.5 mg/L		Hach Tes	t Strips	
	factants (mg/L)		<0.	.05			≥ 0.25 mg/L	Т	o be sent to Lab or CHEM	ets Detergents	Kit K-9400
	oli (cfu/100mL)		>24	180			> 235 cfu/100mL		To be ser		
	coccus (cfu/100mL)						> 61 cfu/100mL		To be ser		
Pho	osphorus (mg/L)								To be ser	it to lab	
in the second		WASHINGTON TO									-
	INLET PIPE NO. 2 ASS					-					
Location	Upstream Asset ID		Material	Clock Postion (Out	let Pipe at 6:00)		Shape		Diameter/Dimension (in.)	In Water.	Submerged
Inlet Pipe No. 2										With Sedime	ent:
OF COLUMN	INLET PIPE NO. 2 PHY	CICAL INDICA	rope				Single State of the State of th		- A	TANA	No. 10 16 20 12
SECTION 3B:	INLET PIPE NO. 2 PHY		IORS	In	dicator Present?			li li	dicator Description		-
	Asset D			,,,,		7-11-11					
	Deposits										
	Pool Q										
-	Pipe Algae		was a COD.								
*Do p	ohysical indicators suggest an Is Inlet Pipe N		resent (Y/N):						Estima	ted GPM:	
CPCTION AT	INLET PIPE NO. 2 PHY		rope (III ET OUT	NC ASSETS			4-2			7350	
SECTION 3B:	INLET PIPE NO. 2 PHY Indicator	SICAL INDICA	Indicator Present (Yes				Description			Severity	
	Odor										
	Celor										
	Turbidity						V4				
Company of the Compan	Does Not Include Trash)			and the second						_	-
	INLET PIPE NO. 2 SAN	IPLING/TESTIN	G RESULTS (ALL F	LOWING ASSETS)					Control Control		
	nple Date/Time:			ent.		7	ical EPA Benchmarks		Equip	ment	
	Parameter erature (degrees F)		Re	sult		Typ	near ELFA Denemnarks		EXTECH		
Tempe	pH								EXTECI		
Specifi	ic Conductivity (uS)							~ ·	EXTEC	EC500	
	alinity (ppm S)						≥ Reporting Limit		EXTECI		
	'hlorine (ppm)						≥ Reporting Limit		Hach Te		
	mmonia (mg/L)						≥ 0.5 mg/L		Hach Te		W. W. 0400
	rfactants (mg/L)						≥ 0.25 mg/L > 235 cfu/100mL	1	o be sent to Lab or CHEM To be se		NII K-9400
										10 100	
	coli (cfu/100mL)	-							To be se	nt to lab	
Entero	coli (cfu/100mL) ococcus (cfu/100mL) osphorus (mg/L)						>61 cfu/100mL		To be se		

	NLET PIPE NO. 3 ASSET	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at	6:00) Shape	Diameter/Dimension (in.) Submerged
det Pipe No. 3					In Water: With Sediment:
	A SAME OF THE SECOND				History and Statistics
CTION 3C: II	NLET PIPE NO. 3 PHYS Indicate		Indicator Pre	sent?	Indicator Description
	Asset Dan		Indicator 110	Aut.	Indicator Description
	Deposits/S				
	Pool Qua				
401	Pipe Algae/G	Growth licit discharge is present (Y/N):			
-Do pn	Is Inlet Pipe No.				Estimated GPM:
CCTION AC. I		ICAL INDICATORS (ALL FLOY	VINC ACCETS)		
	Indicator	Indicator Present (Y		Description	Severity
	Odor				
	Color				
	Turbidity			•	
100	Does Not Include Trash)		and the state of the same		
		PLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
	ple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equipment
	rature (degrees F)				EXTECH EC500
	pH				EXTECH EC500
	Conductivity (uS)				EXTECH EC500
	linity (ppm S)			> Reporting Limit	EXTECH EC500 Hach Test Strips
	hlorine (ppm) nmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
E.co	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	occus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
Phos	sphorus (mg/L)				To be sent to lab
ECTION 3D: I	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at	6:00) Shape	Diameter/Dimension (in.) Submerged
	.,				In Water,
Inlet Pipe No. 4					With Sediment:
ECTION 3D: I	INLET PIPE NO. 4 PHYS	ICAL INDICATORS	the state of the		
	Indicat		Indicator Pre	esent?	Indicator Description
	Asset Dan				
	Deposits/S Pool Qua				
	Pipe Algae/C				
*Do pt		licit discharge is present (Y/N):			
	Is Inlet Pipe No.				Estimated GPM:
		SICAL INDICATORS (ALL FLOY			Sandha
	Indicator Odor	Indicator Present (Y	(es/No)	Description	Severity
	Color				
	Turbidity	-			
	Does Not Include Trash)				
		PLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
	pple Date/Time:		Result	Typical EPA Benchmarks	Equipment
	Parameter erature (degrees F)		Result	Typical Er A Bellelittarks	EXTECH EC500
	pH				EXTECH EC500
	c Conductivity (uS)				EXTECH ECS00
	linity (ppm S)			> Consultant limit	EXTECH EC500
	hlorine (ppm) nmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	coccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab To be sent to lab
Enteroc					
Enteroc	sphorus (mg/L)				10 00 8011 10 140
Enteroc Phos	sphorus (mg/L)	T DESCRIPTION			1000 Stift O Iao
Enteroc Phos SECTION 3E: I	sphorus (mg/L) INLET PIPE NO. 5 ASSE	T DESCRIPTION Material	Clock Postion (Outlet Pipe at	(6:00) Shape	Diameter/Dimension (In.) Submerged
Enteroce Photo SECTION 3E: I Location	sphorus (mg/L)		Clock Postion (Outlet Pipe at	. 6:00) Shape	Diameter/Dimension (ia.) Submerged In Water.
Enteroce Photo SECTION 3E: I Location	sphorus (mg/L) INLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at	6:00) Shape	Diameter/Dimension (in.) Submerged
ECTION 3E: I Location Inlet Pipe No. 5	inlet PIPE NO. 5 ASSE Upstream Asset ID UNLET PIPE NO. 5 PHYS	Material SICAL INDICATORS			Diameter/Dimension (in.) Submerged In Water: With Sediment.
ECTION 3E: I Location Inlet Pipe No. 5	INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat	Material SICAL INDICATORS	Clock Postion (Outlet Pipe at		Diameter/Dimension (ia.) Submerged In Water.
Enteroc Phos ECTION 3E: I Location Inlet Pipe No. 5	inlet pipe NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat	Material SICAL INDICATORS for			Diameter/Dimension (in.) Submerged In Water: With Sediment.
Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	INLET PIPE NO, 5 ASSE Upstream Asset ID INLET PIPE NO, 5 PHYS Indicat Asset Dat	Material SICAL INDICATORS for mage			Diameter/Dimension (in.) Submerged In Water: With Sediment.
Enteroc Phos SECTION 3E: 1 Location Inlet Pipe No. 5 SECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits/S Pool Qu Pipe Algach	Material SICAL INDICATORS for mage Stains ality Growth			Diameter/Dimension (in.) Submerged In Water: With Sediment.
Enteroc Phos SECTION 3E: 1 Location Inlet Pipe No. 5 SECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Qui Pipe Algact obsysical indicators suggest an in	Material SICAL INDICATORS for mage Stains ality Growth lilicit discharge is present (Y/N):			Diameter/Dimension (ia.) In Water: With Sediment: Indicator Description
Enteroc Phos SECTION 3E: 1 Location Inlet Pipe No. 5 SECTION 3E: 1 *Do pl	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHVS Indicat Asset Dat Deposits's Pool Que Pipe Algoe't obysical indicators suggest an in Is Inlet Pipe No.	Material SICAL INDICATORS for mage Stains ality Growth liliti discharge is present (V/N): .5 Flowing?	Indicator Pr		Diameter/Dimension (in.) Submerged In Water: With Sediment.
Enteroc Phos ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pi	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Date Deposits's Pool Qui Pipe Algae't is inder Pipe No. INLET PIPE NO. 5 PHYS	Material SICAL INDICATORS for mage Stains sality Growth licit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW	Indicator Pr	esent?	Diameter/Dimension (in.) Submerged In Water. With Sediment
Enteroc Phos ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits' Fool Qui Pipe Algace' obsysical indicators suggest and Is Inlet Pipe No. 5 PHYS Indicator	Material SICAL INDICATORS for mage Stains ality Growth liliti discharge is present (V/N): .5 Flowing?	Indicator Pr		Diameter/Dimension (ia.) In Water: With Sediment: Indicator Description
Enteroc Phos ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Date Deposits's Pool Qui Pipe Algae't is inder Pipe No. INLET PIPE NO. 5 PHYS	Material SICAL INDICATORS for mage Stains sality Growth licit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW	Indicator Pr	esent?	Diameter/Dimension (in.) Submerged In Water. With Sediment
Enteroc Phos ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl ECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits' Pool Qui Pipe Algoe't obspical indicators suggest an il Is Inlet Pipe No. 5 PHYS Indicators for the property of the pool of the pool of the pool of the property of t	Material SICAL INDICATORS for mage Stains sality Growth licit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOW	Indicator Pr	esent?	Diameter/Dimension (ia.) Submerged In Water. With Sediment.
Enteroc Phos ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl ECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Que Pipe Algaet obsysical indicators suggest an in Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash)	Material SICAL INDICATORS for mage Stains ality Growth Illicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present (Y	Indicator Pr	Description	Diameter/Dimension (in.) Submerged In Water. With Sediment
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl Floatables (I. SECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Qui Pipe Algae's obysical indicators suggest an II Inlet Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI	Material SICAL INDICATORS for mage Stains ality Growth likit discharge is present (V/N): 5. Flowing? SICAL INDICATORS (ALL FLOY Indicator Present (V	Indicator Pr	Description	Diameter/Dimension (ia.) Submerged In Water. With Sediment.
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl Floatables (I. SECTION 3E: 1 SECTION 3E: 1	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Fool Qui Pipe Algack' obsysical indicators suggest and Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI uple Date/Time:	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description	Diameter/Dimension (ia.) Submerged In Water. With Sediment.
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl ECTION 3E: 1 Floatables (I	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits's Pool Qui Fipe Algaet obsysical indicators suggest an ii Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Net Include Trash) INLET PIPE NO. 5 SAMI male Date/Time: Parameter	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	Indicator Pr	Description	Diameter/Dimension (in.) Submerged In Water With Sediment
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl ECTION 3E: 1 Floatables (I	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Deposits? Fool Que Pipe Algae% obsysical indicators suggest an It Is Inlet Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI Inple Date/Time: Parameter Farature (degrees F)	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description	Diameter/Dimension (ia.) Submerged In Water. With Sediment.
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pl SECTION 3E: 1 Floatables (I SECTION 3E: 1 Sam Tempe	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits's Pool Qui Pipe Algaet obsysical indicators suggest an ii Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI puble Date/Time: Parameter erature (degrees F) pH et Conductivity (uS)	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description	Diameter/Dimension (in.) Submerged In.Water. With Sediment.
Enteroc Phot ECTION 3E: I Location Inlet Pipe No. 5 ECTION 3E: I *Do pl *ECTION 3E: I Floatables (I SECTION 3E: I Sam Tempe Specific Section 3E: I	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Que Pipe Algaech obsysical indicators suggest an It Is latel Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI Inple Date/Time: Parameter Parameter Farameter Farameter Econductivity (uS) solidativy (ppm S)	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description Typical EPA Benchmarks	Diameter/Dimension (ia.) Submerged In Water With Sediment
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 ECTION 3E: 1 *Do pi ECTION 3E: 1 Floatables (I ECTION 3E: 1 Tempe Specific Sai CI	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits's Pool Que Pipe Algae'd by sical indicators suggest an ill Is Inlet Pipe No. 5 PHYS Indicator Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI public Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliality (ppm S) blorine (ppm)	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description Typical EPA Benchmarks > Reporting Limit	Diameter/Dimension (in.) Submerged In Water. With Sediment.
Enteroc Phot ECTION 3E: 1 Location Inlet Pipe No. 5 SECTION 3E: 1 *Do pl SECTION 3E: 1 Floatables (I SECTION 3E: 1 Sam Tempe Specific Sai Ct Am	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits's Pool Qui Pipe Algaet obsysical indicators suggest an ii Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI nple Date/Time: Parameter Physical Research Physical Researc	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L	Diameter/Dimension (in.) Submerged In.Water. With Sediment.
Enteroc Phot SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I *Do pl *Enteroc SECTION 3E: I Floatables (I SECTION 3E: I Company Specific Sam Company Surial Suria	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Que Pipe Algae'd is Inter Pipe No. 5 PHYS Indicators suggest an it Is Inter Pipe No. 5 PHYS Indicator Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI Inple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliality (ppm S) Islainty (ppm S) Islainty (ppm S) Islainty (ppm S) Islainty (pm S)	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description Typical EPA Benchmarks ≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L	Diameter/Dimension (in.) Submerged In Water. With Sediment.
Enteroc Phot SECTION 3E: 1 Location Inlet Pipe No. 5 SECTION 3E: 1 *Do pl SECTION 3E: 1 Floatables (I SECTION 3E: 1 Section 3E: 1 Am Suri	INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Dat Deposits's Pool Qui Pipe Algaet obsysical indicators suggest an ii Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI nple Date/Time: Parameter Physical Research Physical Researc	Material SICAL INDICATORS for mage Stains ality Growth Blicit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLOV Indicator Present ()	VING ASSETS) (cs/No) . FLOWING ASSETS)	Description Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L	Diameter/Dimension (in.) Submerged In.Water. With Sediment.

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
					In Water:
nlet Pipe No. 6					With Sediment:
ECTION 3F: II	NLET PIPE NO. 6 PHYSICA	L INDICATORS			
	Indicator		Indicator Present?		Indicator Description
	Asset Damage				
	Deposits/Stains				
	Pool Quality				
	Pipe Algae/Grow				
*Do ph	ysical indicators suggest an illicit d				
	Is Inlet Pipe No.6 Flo	wing?			Estimated GPM:
ECTION 3F: II	NLET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FL	OWING ASSETS)		
	Indicator	Indicator Presen	(Yes/No)	Description	Severity
	Odor				
	Color				
	Turbidity	1.0			
Floatables (D	oes Not Include Trash)				·
ECTION 3F: II	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (A	LL FLOWING ASSETS)		
Sami	ple Date/Time:				
		Result		Typical EPA Benchmarks	Equipment
	Parameter				
	rature (degrees F)				EXTECH EC500
Temper	rature (degrees F) pH				EXTECH EC500 EXTECH EC500
Temper Specific	pH Conductivity (uS)		500000		EXTECH EC500 EXTECH EC500 EXTECH EC500
Temper Specific	rature (degrees F) pH				EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
Temper Specific Sali	pH Conductivity (uS)			≥ Reporting Limit	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Temper Specific Sali Ch	pH Conductivity (uS) inity (ppm S)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Specific Sali Ch	rature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm)				EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Specific Sali Ch Ami	rature (degrees F) pH Conductivity (uS) inity (ppm S) slorine (ppm) monia (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab or CHEMets Detergents Kit K-9400 To be sent to lab
Temper Specific Sali Ch Am Surfi E.col	rature (degrees F) pH Conductivity (uS) inity (ppm S) oliorine (ppm) monia (mg/L) factants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400

SSET ID:	CB-1863				- 10	OUTFALL ID:					
	2019-08-21 9:54:00					SCI ASS	Carrie Prescott Andres Hurt	tado Samuel Marinez Zebulan	Day Derek		
mperature: °F	74 ture Location:	FAIRMOUNT AVE			Į.	nspector(s):	Beckworth Erin McGuire Evel	lynn Cousey			
	ipitation Date/End Time:	2019-08-18 22:15:00			Amount (inches):	37					
Pictures											
			_			-					
Location 2: OL	CB Interior Con			Material			Shape	Diameter/Dimension (in.) Submerged		
		aition							In Water: No		
B Outlet Pipe	Fair		Reinforced	d Concrete			Circle	15	With Sediment: No		
CTION 3A. I	INLET PIPE NO. 1 ASSE	T DESCRIPTION									
Location	Upstream Asset ID	Material		Clock Postion (Out	let Pipe at 6:00)		Shape	Diameter/Dimen			
let Pipe No. 1	CB-1868	Reinforced Concrete		9:00			Circle	15	In Water: No With Sediment: No		
CTION 3A: I	NLET PIPE NO. 1 PHYS		1			- 500			Transferred (199		
	Indica	or		In	dicator Present?			Indicator Descript	ion		
	Asset Da				None						
	Deposits/S Pool Qu				None						
	Pipe Algae/				None						
*Do ph	hysical indicators suggest an i Is Inlet Pipe No	licit discharge is present (Y/N):			No Yes		Mode	erate	Estimated GPM: 5		
CTION 3A. I	THE PARTY OF THE P	SICAL INDICATORS (AL	LELOWI	NC ASSETS)	tes		House	rrate	Estiliated Of M.		
	Indicator		Present (Yes				Description		Severity		
	Odor		No								
	Color		No						Clear		
	Turbidity Does Not Include Trash)	No	_						clear		
		PLING/TESTING RESULT	TS (ALL F	LOWING ASSETS)							
Sam	pple Date/Time:	2019-08-21 9:59:00									
	Parameter			sult		Typic	al EPA Benchmarks		Equipment EXTECH EC500		
Lemper	rature (degrees F)			67.2					EXTECH EC500		
Specific	Conductivity (uS)			759					EXTECH EC500		
	linity (ppm S)			362					EXTECH EC500		
	hlorine (ppm) nmonia (mg/L)			0.5			Reporting Limit ≥ 0.5 mg/L		Hach Test Strips Hach Test Strips		
	factants (mg/L)			<0.05			≥ 0.25 mg/L		r CHEMets Detergents Kit K-9400		
	oli (cfu/100mL)			>2400			> 235 cfu/100mL		To be sent to lab		
	coccus (cfu/100mL)						> 61 cfu/100mL		To be sent to lab To be sent to lab		
Phos	sphorus (mg/L)								To be sent to Iab		
CTION 3B: I	INLET PIPE NO. 2 ASSE	T DESCRIPTION									
Location	Upstream Asset ID	Material		Clock Postion (Out	let Pipe at 6:00)		Shape	Diameter/Dimen			
let Pipe No. 2									In Water: With Sediment:		
CTION 2D-1	INLET PIPE NO. 2 PHYS	ICAL INDICATORS				35.75			1 tim seembers		
CHON 3B; I	Indica			In	dicator Present?			Indicator Descript	ion		
	Asset Da	mage									
	Deposits/										
	n 10										
	Pool Qu Pipe Algae/	Growth							1		
*Do pł	Pipe Algae/ hysical indicators suggest an i	llicit discharge is present (Y/N):		-					Estimated GPM:		
	Pipe Algae/ hysical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N): .2 Flowing?				3000					
CTION 3B: I	Pipe Algae hysical indicators suggest an Is Inlet Pipe No INLET PIPE NO. 2 PHY	llicit discharge is present (Y/N): .2 Flowing? SICAL INDICATORS (AL	L FLOWI			400	Description		Severity		
CTION 3B: I	Pipe Algae/ hysical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N): .2 Flowing? SICAL INDICATORS (AL				100 M	Description		Severity		
CTION 3B: I	Pipe Algae/ hysical indicators suggest an i Is Inlet Pipe No INLET PIPE NO. 2 PHY! Indicator Odor Color	llicit discharge is present (Y/N): .2 Flowing? SICAL INDICATORS (AL	L FLOWI Present (Yes						Severity		
CTION 3B: I	Pipe Algae/ hysical indicators suggest an in Is Inlet Pipe No. 2 PHYS INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity	llicit discharge is present (Y/N): .2 Flowing? SICAL INDICATORS (AL	L FLOWI				Description				
CTION 3B: I	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No INLET PIPE NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	/No)					Severity		
CTION 3B: I Floatables (D CTION 3B: I	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM INLET PIPE NO. 2 SAM	llicit discharge is present (Y/N): .2 Flowing? SICAL INDICATORS (AL	L FLOWI Present (Yes	/No)							
CTION 3B: I Floatables (D CTION 3B: I Sam	Pipe Algae hysical indicators suggest an in Is Inlet Pipe NO. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM pile Date/Time: Parameter	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	/No)					Equipment		
Floatables (D CCTION 3B: I Sam	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter resture (degrees F)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)					Equipment EXTECH ECS00		
Floatables (D CCTION 3B: I Sam Temper	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No. 2 PHY! Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter rature (degrees F) pH	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)					Equipment		
Floatables (D CTION 3B: I Sam Temper	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM uple Date/Time: Parameter resture (degrees F)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)		Турі			Equipment EXTECH ECS00 EXTECH ECS00		
Floatables (B ECTION 3B: I Sam Temper Specific Sal	Pipe Algae' hysical indicators suggest an it Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM aple Date/Time: Parameter rature (degrees F) pH Idinity (ppm S) hlorine (ppm)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)		Турі	cal EPA Benchmarks Reporting Limit Reporting Limit		Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips		
Floatables (D CCTION 3B: I CCTION 3B: I CTION 3B: I CT	Pipe Algae hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM pile Date/Time: Parameter Parameter Parameter pH Conductivity (uS) linity (ppm S) horine (ppm) moninia (mg/L)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)		Турі	cal EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L		Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips		
Floatables (D SCTION 3B: I Sam Temper Specific Sal Ch Am Surt	Pipe Algae' hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) lilnity (ppm S) hloriae (ppm) amonia (mg/L) factants (mg/L)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)		Турі	cal EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L 2.0.25 mg/L	To be sent to Lab o	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips or CHEMES Detergents Kit K-9400		
Floatables (ECTION 3B: I Floatables (ECTION 3B: I Sam Tempes Specific Satis Ch Am Surt	Pipe Algae hysical indicators suggest an i Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM pile Date/Time: Parameter Parameter Parameter pH Conductivity (uS) linity (ppm S) horine (ppm) moninia (mg/L)	llicit discharge is present (V/N); 2 Flowing? SICAL INDICATORS (AL Indicator	L FLOWI Present (Yes	(No)		Typi	cal EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L	To be sent to Lab o	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips		

SECTION 2C	INLET PIPE NO. 3 ASSE	T DESCRIPTION						
Location Location	Upstream Asset ID	Material	Clock Postion (Outlet Pip	e at 6:00)		Shape	Diamete	r/Dimension (in.) Submerged
Inlet Pipe No. 3								In Water.
.mes ripe No. 3								With Sediment:
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS						
	Indicat	or	Indicator	Present?			Indicator	Description
	Asset Dan							
	Deposits/S Pool Qua							
	Pipe Algae/C							
*Do p	ohysical indicators suggest an il							
	Is Inlet Pipe No.							Estimated GPM:
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLOWIN	NG ASSETS)					
o de la constantina	Indicator	Indicator Present (Yes/			D	escription		Severity
	Odor							
	Color							
	Turbidity	*				1		-
The second second second	Does Not Include Trash)			-				
		LING/TESTING RESULTS (ALL FI	LOWING ASSETS)					
San	nple Date/Time:				*	en n		E-desired
Tempe	Parameter erature (degrees F)	Res	sult		Typica	EPA Benchmarks		Equipment EXTECH EC500
rempe	pH							EXTECH EC500
Specific	ic Conductivity (uS)							EXTECH EC500
	alinity (ppm S)	-						EXTECH EC500
C	Chlorine (ppm)				2 F	teporting Limit		Hach Test Strips
An	mmonia (mg/L)					≥ 0.5 mg/L		Hach Test Strips
	rfactants (mg/L)					≥ 0.25 mg/L	To be sent	t to Lab or CHEMets Detergents Kit K-9400
	roli (cfu/100mL)					235 cfu/100mL		To be sent to lab To be sent to lab
	osphorus (mg/L)				>	61 cfu/100mL		To be sent to lab To be sent to lab
rho	oopaurus (mg/L)				-			
SECTION 3D.	INLET PIPE NO. 4 ASSE	T DESCRIPTION						
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pip	e at 6:00)		Shape	Diamete	r/Dimension (in.) Submerged
Inlet Pipe No. 4								In Water;
Times Pipe 140. 4								With Sediment:
SECTION 3D:	INLET PIPE NO. 4 PHYS	ICAL INDICATORS						
	Indicat		Indicator	r Present?			Indicator	Description
	Asset Dar							
	Deposits/S Pool Qua		_					
	Pipe Algae/G							
*Dop		licit discharge is present (Y/N):						
	Is Inlet Pipe No.	4 Flowing?						Estimated GPM:
SECTION 3D:	INLET PIPE NO. 4 PHYS	ICAL INDICATORS (ALL FLOWE	NG ASSETS)					
	Indicator	Indicator Present (Yes	/No)		D	escription		Severity
	Odor							
	Color							
Floatables (Turbidity (Does Not Include Trash)	:						
13.40-0700-03-00			TOWNS ASSESSED.					
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)					
Sat	mple Date/Time: Parameter	Res	sult		Typica	I EPA Benchmarks		Equipment
Temp	erature (degrees F)							EXTECH EC500
	pH							EXTECH EC500
	ic Conductivity (uS)							EXTECH EC500
	alinity (ppm S)					Reporting Limit		EXTECH EC500 Hach Test Strips
	Chlorine (ppm)				٤.	≥ 0.5 mg/L		Hach Test Strips
	mmonia (mg/L) rfactants (mg/L)					≥ 0.25 mg/L	To be sen	t to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL)					235 cfu/100mL		To be sent to lab
	ococcus (cfu/100mL)				>	61 cfu/100mL		To be sent to lab
	osphorus (mg/L)						L	To be sent to lab
R. S. C.							SET SES	
	INLET PIPE NO. 5 ASSE		Chat Barbara	na at 6.000	No. of the	EL	Interior	er/Dimension (in.) Submerged
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pip	pe at 0:00)		Shape	Diamete	In Water.
Inlet Pipe No. 5								With Sediment:
SECTION 3E:	INLET PIPE NO. 5 PHYS	ICAL INDICATORS						
	Indica		Indicato	r Present?			Indicator	Description
	Asset Da	mage						
	Deposits/							
	Pool Qu Pipe Algae							
*Do		Growth Hicit discharge is present (Y/N):						
30	Is Inlet Pipe No							Estimated GPM:
SECTION 3E:	INLET PIPE NO. 5 PHYS	SICAL INDICATORS (ALL FLOWI	ING ASSETS)					
	Indicator	Indicator Present (Yes			I	Description		Severity
	Odor							
	Color					1		
Floatables 6	Turbidity (Does Not Include Trash)							
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS					
	inple Date/Time:	LING/TESTING RESULTS (ALL F	LOTTING ASSETS)					
52	Parameter	Re	rsult		Typica	d EPA Benchmarks		Equipment
Temp	perature (degrees F)							EXTECH EC500
	рH							EXTECH ECSON
	fic Conductivity (uS)							EXTECH EC500 EXTECH EC500
	Salinity (ppm S)					Reporting Limit	1	Hach Test Strips
	Chlorine (ppm) mmonia (mg/L)				- 2	≥ 0.5 mg/L		Hach Test Strips
	urfactants (mg/L)					≥ 0.25 mg/L	To be ser	nt to Lab or CHEMets Detergents Kit K-9400
	.coli (cfu/100mL)				>	235 cfu/100mL		To be sent to lab
	ococcus (cfu/100mL)					· 61 cfu/100mL		To be sent to lab
	iosphorus (mg/L)						1	To be sent to lab

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6	s:00) Shape	Diameter/Dimension (in.)	Submerge
					In	Water:
Inlet Pipe No. 6					Wit	th Sediment:
SECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Pre	sent?	Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growth					
*Do pl	hysical indicators suggest an illicit di					
	Is Inlet Pipe No.6 Flow	ring?			Estimated	GPM:
SECTION 3F: 1	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOY	VING ASSETS)			
	Indicator	Indicator Present (Yes/No)	Description	Severity	
	Odor					
	Color					
	Turbidity					
Floatables (I	Does Not Include Trash)					•
SECTION 3F: I	NLET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALI	FLOWING ASSETS)			
Sam	nple Date/Time:					
	Parameter		Result	t Typical EPA Benchmarks		t
Tempe	rature (degrees F)				EXTECH EC500	
	pH				EXTECH EC	
Specific	Conductivity (uS)				EXTECH EC500	
Sa	linity (ppm S)				EXTECH EC	
CI	hlorine (ppm)			≥ Reporting Limit	Hach Test Str	-
An	amonia (mg/L)			≥ 0.5 mg/L	Hach Test Str	
Sur	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets I	
	oli (cfu/100mL)			> 235 cfu/100mL	To be sent to	
	roccus (cfu/100mL)			> 61 cfu/100mL	To be sent to	
Pho	sphorus (mg/L)				To be sent to	lab
Comments:						

SECTION 1: B	BACKGROUND DATA										
ASSET ID:	CB-1868					OUTFALL ID:					
Date/Time:	2019-08-21 10:03:00						Carrie Prescott Andres Hurtado Samuel Marinez Zebulan Day Derek Beckworth Erin McGuire Evelynn Cousey				
Temperature: °F	74					Inspector(s):	Beckworth Erin McGuire	Evelynn Cousey	arinez Zebulan Day Der	rek	
Street Name/Stru	cture Location:	Cross Country									
Previous Pre	cipitation Date/End Time:	2019-08-18 22;15:00			Amount (inches)	: 0.37					
Pictures											
A											
	DUTLET PIPE ASSET DE									No.	
Location	CB Interior Con	dition		Material			Shape	Diamete	r/Dimension (in.)	Submerged In Water	
CB Outlet Pipe	Fair		Reinforced	Concrete			Circle		18	In Water No With Sediment: No	
4											
SECTION 21	INLET PIPE NO. 1 ASSE	T DESCRIPTION									
Location	Upstream Asset ID	Materi	al	Clock Postion (Outl	et Pipe at 6:00)		Shape	To the second	Diameter/Dimension (in.)	Submerged	
Mark Market Street		Reinforced					Circle		18	In Water: No	
Inlet Pipe No. 1	CB-1869	Concrete		11:00	8		Circle		10	With Sediment: No	
SECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATORS	3								
	Indica			Ind	licator Present?			In	dicator Description		
	Asset Da				None						
	Deposits/S Pool Qu				None None						
	Pipe Algae/				None						
*Do	physical indicators suggest an i		(Y/N):		No						
	Is Inlet Pipe No				Yes			Moderate	Estima	ited GPM: 10	
SECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATORS	(ALL FLOWIN	NG ASSETS)							
	Indicator	Ind	icator Present (Yes/	No)			Description			Severity	
	Odor		No								
	Color Turbidity		No				-			Clear	
Floatables	(Does Not Include Trash)	No									
	INLET PIPE NO. 1 SAM		SULTS (ALL FI	OWING ASSETS)							
	mple Date/Time:	2019-08-21 10:10:00									
	Parameter		Res	ult		Typi	cal EPA Benchmarks		Equip		
Temp	perature (degrees F)		71.						EXTECH		
	pH		7.6					-	EXTECH EC500 EXTECH EC500		
	fic Conductivity (uS)		75 36							EC500	
	Salinity (ppm S) Chlorine (ppm)		9				≥ Reporting Limit		Hach Tes		
	mmonia (mg/L)		0				≥ 0.5 mg/L	7	Hach Tes		
	rfactants (mg/L)		0.0				≥ 0.25 mg/L			ets Detergents Kit K-9400	
	coli (cfu/100mL)		>24	00			> 235 cfu/100mL		To be sent to lab		
	ococcus (cfu/100mL)						> 61 cfu/100mL		To be ser		
Ph	nosphorus (mg/L)					1			To be ser	it to lab	
A COLUMN TO	THE REAL PROPERTY AND ADDRESS.										
	INLET PIPE NO. 2 ASSE					_			Diameter/Dimension (in.)	Submerged	
Location	Upstream Asset ID	Mater	ial	Clock Postion (Out	let Pipe at 6:00)		Shape			In Water: No	
Inlet Pipe No. 2	unknown	PVC		5:00			Circle		4	With Sediment: No	
SECTION 2B.	INLET PIPE NO. 2 PHYS	SICAL INDICATOR									
SECTION 3B.	Indica			Inc	dicator Present?			l:	dicator Description		
	Asset Da	mage			None						
	Deposits/				None						
	Pool Qu				None						
*Do	Pipe Algae physical indicators suggest an		(V/N):		None						
100	Is Inlet Pipe No		(17.1).		No				Estima	ated GPM:	
SECTION 3B	INLET PIPE NO. 2 PHY	CHARLES AND ADDRESS OF THE PARTY OF THE PART	S (ALL FLOWIN	NG ASSETS)							
DECTIONED	Indicator		icator Present (Yes/				Description			Severity	
	Odor										
	Color										
FR. 4-11-	Turbidity (Dec. No. 1)						•				
	(Does Not Include Trash) : INLET PIPE NO. 2 SAM	DITACCEPTATION	em re arr	OWING ACCEPTA		== 10 70 70			100000000000000000000000000000000000000		
	: INLET PIPE NO. 2 SAM ample Date/Time:	LING/TESTING RI	SOUL 18 (ALL FI	LOWING ASSETS)			the same of the sa	and the same		***	
Sa	Parameter		Res	ult		Typi	cal EPA Benchmarks		Equip		
Tem	perature (degrees F)							1	EXTEC		
	pH							1	EXTEC		
	fic Conductivity (uS)							-	EXTEC		
	Salinity (ppm S)						≥ Reporting Limit	-	EXTECH Hach Te		
	Chlorine (ppm)						≥ Reporting Limit ≥ 0.5 mg/L		Hach Te		
	Ammonia (mg/L) urfactants (mg/L)						≥ 0.25 mg/L	1		lets Detergents Kit K-9400	
	.coli (cfu/100mL)						> 235 cfu/100mL		To be ser	nt to lab	
	rococcus (cfu/100mL)					1	>61 cfu/100mL		To be set	nt to lab	
	hosphorus (mg/L)								To be set	nt to lab	

	INLET PIPE NO. 3 ASSET		Clock Proving (C. 1)	t Pine at 6.000		Shr	le.	ameter/Dimension (in.)	Subgrand
Location Inlet Pipe No. 3	Upstream Asset ID	Material	Clock Postion (Outle	стрея (6:00)		Shape	Di		Submerged In Water: With Sediment:
SECTION 3C:	INLET PIPE NO. 3 PHYSI	ICAL INDICATORS							
SHOTIO II C	Indicato	or	Indi	cator Present?			Ind	icator Description	
	Asset Dam Deposits/St								
	Pool Qual	lity							
*Do n	Pipe Algae/G ohysical indicators suggest an ill								
Бор	Is Inlet Pipe No.3							Estima	ted GPM:
SECTION 3C:	INLET PIPE NO. 3 PHYSI	ICAL INDICATORS (ALL FLOWIN	NG ASSETS)					4	
	Indicator	Indicator Present (Yes/	No)		I	escription			Severity
	Odor Color								
	Turbidity					•			
Floatables (1	Does Not Include Trash)		000000000000000000000000000000000000000						
		LING/TESTING RESULTS (ALL FI	LOWING ASSETS)						
San	nple Date/Time: Parameter	Res	ult		Typics	I EPA Benchmarks		Equipe	nent
Tempe	erature (degrees F)							EXTECH EXTECH	
Specific	pH ic Conductivity (uS)							EXTECH	
	alinity (ppm S)							EXTECH	EC500
	hlorine (ppm)				2	Reporting Limit		Hach Test	
	nmonia (mg/L) rfactants (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	То		ets Detergents Kit K-9400
	roli (cfu/100mL)					235 cfu/100mL		To be sen	
	coccus (cfu/100mL)					61 cfu/100mL	-	To be sen	
Pho	osphorus (mg/L)							1000 301	
SECTION 3D:	INLET PIPE NO. 4 ASSET	T DESCRIPTION							
Location	Upstream Asset ID	Material	Clock Postion (Outle	et Pipe at 6:00)		Shape	D	iameter/Dimension (in.)	Submerged In Water:
Inlet Pipe No. 4									With Sediment:
SECTION 3D:	INLET PIPE NO. 4 PHYS	ICAL INDICATORS						All and the second	
	Indicate	or	Indi	icator Present?			Ind	icator Description	
	Asset Dam Deposits/S								
	Pool Qua	lity							
*Do n	Pipe Algae/G physical indicators suggest an ill								
- 50)	Is Inlet Pipe No.							Estima	ited GPM:
SECTION 3D:		ICAL INDICATORS (ALL FLOWE			- W.				
	Indicator Odor	Indicator Present (Yes/	No)			Description			Severity
	Color								
	Turbidity	*							
100000000000000000000000000000000000000	(Does Not Include Trash)	N INCOMETING DECIMATE ALL F	LOWING LECTTO						
	mple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
	Parameter	Res	sult		Typic	al EPA Benchmarks		Equip: EXTECH	
Temp	pH							EXTECH	
	ic Conductivity (uS)							EXTECH	
	alinity (ppm S) Chlorine (ppm)				>	Reporting Limit	1	EXTECH Hach Tes	
	mmonia (mg/L)					≥ 0.5 mg/L		Hach Tes	st Strips
Sur	rfactants (mg/L)					≥ 0.25 mg/L	To		ets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)					235 cfu/100mL > 61 cfu/100mL		To be ser	
	osphorus (mg/L)							To be ser	it to lab
SECTION 3E: Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outl	et Pipe at 6:00)	-	Shape	le le	Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 5	Cpattenii Asset ID			-					In Water:
									With Sediment:
SECTION 3E:	INLET PIPE NO. 5 PHYS Indicat		T ted	licator Present?			Inc	dicator Description	
5	Asset Dar		1110	icator Treatme					
	Deposits/S								
	Pool Qua Pipe Algae/G								
*Do	physical indicators suggest an il	llicit discharge is present (Y/N):						Fetter	ated GPM:
	Is Inlet Pipe No.		NO LOCKTON	II-				Estini	ned Grist.
SECTION 3E:	INLET PIPE NO. 5 PHYS	Indicator Present (Yes				Description			Severity
	Odor								
	Color Turbidity					.4			
	(Does Not Include Trash)								
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
Sa	mple Date/Time:	n.	sult		Typic	al EPA Benchmarks	1	Equip	ment
Temp	Parameter perature (degrees F)	Re	ent		Турк			EXTEC	1 EC500
	pН							EXTECH EXTECH	
	fic Conductivity (uS) Salinity (ppm S)							EXTEC	
	Chlorine (ppm)				1	Reporting Limit		Hach Te	st Strips
A	mmonia (mg/L)					≥ 0.5 mg/L	-	Hach Te	st Strips fets Detergents Kit K-9400
	erfactants (mg/L) coli (cfu/100mL)				3	≥ 0.25 mg/L > 235 cfu/100mL	10	To be se	
Entere	ococcus (cfu/100mL)					> 61 cfu/100mL		To be se	
Ph	nosphorus (mg/L)						-112	To be se	at to tab

let Pipe No. 6	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged		
let I ipe No. u						In Water:		
						With Sediment:		
CTION 3F: IN	LET PIPE NO. 6 PHYSICAL	INDICATORS						
	Indicator		Indicator Present?		Indicator Description			
	Asset Damage							
	Deposits/Stains							
	Pool Quality							
	Pipe Algae/Growt							
*Do phy	sical indicators suggest an illicit di							
	Is Inlet Pipe No.6 Flow	ving?			Estima	ited GPM:		
CTION 3F: IN	LET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOY	VING ASSETS)					
10	ndicator	licator Indicator Present (Yes/No)		Description		Severity		
	Odor							
	Color							
	urbidity	•						
Floatables (Do	es Not Include Trash)					*		
CTION 3F: IN	LET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALI	FLOWING ASSETS)					
	le Date/Time:							
	arameter		Result	Typical EPA Benchmarks		quipment ECH EC500		
Tempera	ture (degrees F)							
	pH					EXTECH EC500 EXTECH EC500		
	Conductivity (uS)				EXTECH EC500 EXTECH EC500			
	nity (ppm S)							
	orine (ppm)			≥ Reporting Limit	Hach Te			
	ionia (mg/L)			≥ 0.5 mg/L	Hach Tes			
	ctants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEM			
	(cfu/100mL)			> 235 cfu/100mL	To be set			
	ccus (cfu/100mL)			> 61 cfu/100mL	To be see			
	horus (mg/L)				To be ser	at to lab		

	BACKGROUND DATA								
ASSET ID:	CB-1869				OUTFALL ID:				_
Date/Time:	2019-08-21 10:24:00				San San Au	Carrie Prescott Andres Hurta	ado Samuel Marinez Zeb	bulan Day Derek	
Temperature: °F		Conce Country			Inspector(s):	Beckworth Erin McGuire Evely	nn Cousey		-
Street Name/Stru Previous Pre		Cross Country 2019-08-18 22:15:00		Amount (inches):	0.37				
Pictures							- M		
SECTION 2: C	OUTLET PIPE ASSET DES	COUPTION							
Location	CB Interior Cone		Material			Shape	Diameter/Dimensio	on (in.) Submerged	
CB Outlet Pipe	Poor		ed Concrete			Circle	18	In Water: No	
CB Outer Tipe	1001	THE STATE OF THE S	a concrete			017010		With Sediment: No	-
SECTION 3A: Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outl	let Pipe at 6:00)		Shape	Diameter/D	Dimension (in.) Submerged	
Inlet Pipe No. 1	CB-1870	Reinforced	2:00			Circle		In Water: No	
		Concrete	2.00			CITCLE		With Sediment: No	
SECTION 3A:	INLET PIPE NO. 1 PHYS			licator Present?			Indicator De	scription	
	Indicate Asset Dan		Ind	None			Indicator Des	scription	
	Deposits/S			None					
	Pool Qua			None					-
*Do	Pipe Algae/C physical indicators suggest an il			None					
	Is Inlet Pipe No.			Yes		Moder	rate	Estimated GPM: 10	
SECTION 3A:	INLET PIPE NO. 1 PHYS	ICAL INDICATORS (ALL FLOW	ING ASSETS)						
	Indicator	Indicator Present (Ye				Description		Severity	
	Odor	No							_
	Color Turbidity	No .						Clear	
Floatables	(Does Not Include Trash)	No						4	
SECTION 3A:	INLET PIPE NO. 1 SAMI	LING/TESTING RESULTS (ALL)	FLOWING ASSETS)						
Sai	mple Date/Time:	2019-08-21 10:24:00			T	IEDA D. L. I		Paulament	
Toma	Parameter perature (degrees F)		esult 1.6		Туріс	al EPA Benchmarks		Equipment EXTECH EC500	_
Temp	pH		.96					EXTECH EC500	
Specif	fic Conductivity (uS)		782					EXTECH EC500	
	Salinity (ppm S)		363			e-statistics.		EXTECH EC500	
	Chlorine (ppm) .mmonia (mg/L)		0			Reporting Limit ≥ 0.5 mg/L		Hach Test Strips Hach Test Strips	
	urfactants (mg/L)	<	0.05			≥ 0.25 mg/L	To be sent to	Lab or CHEMets Detergents Kit K-9400	
	.coli (cfu/100mL)		103.3			235 cfu/100ml.		To be sent to lab	
	ococcus (cfu/100mL)					> 61 cfu/100mL		To be sent to lab	
Ph	iosphorus (mg/L)							To be sent to lab	
onemov an	TAIL PET DIDE NO. 1 ACCE	T DESCRIPTION							
Location Location	Upstream Asset ID	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	Diameter/L	Dimension (in.) Submerged	
Inlet Pipe No. 2								In Water.	
Thier Pipe No. 2								With Sediment:	
SECTION 3B:	INLET PIPE NO. 2 PHYS						Indicator De		
	Indicat Asset Dar		Inc	dicator Present?			Indicator De	scripuon	_
	Deposits/S								
	Pool Qua								
*Do	Pipe Algae/6	Frowth							
200									
	physical indicators suggest an il Is Inlet Pipe No.	licit discharge is present (Y/N):						Estimated GPM:	
SECTION 3B:	physical indicators suggest an il Is Inlet Pipe No.	licit discharge is present (Y/N):	ING ASSETS)					Estimated GPM:	1.3
SECTION 3B:	physical indicators suggest an il Is Inlet Pipe No. : INLET PIPE NO. 2 PHYS Indicator	licit discharge is present (Y/N): 2 Flowing?				Description	****	Estimated GPM: Severity	43
SECTION 3B:	physical indicators suggest an il Is Inlet Pipe No. : INLET PIPE NO. 2 PHYS Indicator Odor	licit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW				Description	- N		33
SECTION 3B:	physical indicators suggest an il Is Inlet Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color	licit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW				Description	N1-3		
	physical indicators suggest an il Is Inlet Pipe No. : INLET PIPE NO. 2 PHYS Indicator Odor	licit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye							
Floatables SECTION 3B:	physical indicators suggest an it is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash):	licit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye	es/No)					Severity	
Floatables SECTION 3B:	physical indicators suggest an il Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) : INLET PIPE NO. 2 SAMI imple Date/Time:	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)			•		Severity	
Floatables SECTION 3B: Sa	physical indicators suggest an its Inlet Pipe No. : INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) : INLET PIPE NO. 2 SAMI unple Date/Time Parameter	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	es/No)					Severity Equipment	
Floatables SECTION 3B: Sa	physical indicators suggest an il Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) : INLET PIPE NO. 2 SAMI imple Date/Time:	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)			•		Severity Equipment EXTECH ECS00 EXTECH ECS00	
Floatables SECTION 3B: Sa Temp	physical indicators suggest an its Inlet Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAMI umple Date/Time Parameter perature (degrees F) pH fit Conductivity (uS)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Typic	cal EPA Benchmarks		Severity Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00	
Floatables SECTION 3B: Sa Temp Specif	physical indicators suggest an II Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash): INLET PIPE NO. 2 SAMI umple Date/Time: Parameter persture (degrees F) pH Is Conductivity (uS) salainty (ppm S)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Турі	cal EPA Benchmarks		Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00	
Floatables SECTION 3B: Sa Temp Specil	physical indicators suggest an il Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) :: INLET PIPE NO. 2 SAMI Imple Date/Time: Parameter Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Турі	cal EPA Benchmarks e Reporting Limit Reporting Limit		Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 HACH TEST Strips	
Floatables SECTION 3B: Sa Temp Specil S 4	physical indicators suggest an in is laket Pipe No. 2: INLET PIPE NO. 2: PHYS Indicator Odor Color Turbidity (Does Not Include Trash): INLET PIPE NO. 2: SAMI umple Date/Time: Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Collorine (ppm) (mmonia (mg/L)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Турі	al EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L	In he sent to	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips	
Floatables SECTION 3B: Sa Temp Special Section	physical indicators suggest an il Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) :: INLET PIPE NO. 2 SAMI Imple Date/Time: Parameter Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Турі	cal EPA Benchmarks e Reporting Limit Reporting Limit	To be sent to	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 HACH TEST Strips	
Floatables SECTION 3B: Sa Temp Specil S A Su E E Enter	physical indicators suggest an li Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 2 SAMI umple Date/Time: Parameter perature (aggress F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Aumonia (mg/L) urfactants (mg/L)	licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Ye Indicator Present (Ye) Indicator Present (Ye	FLOWING ASSETS)		Typi	cal EPA Benchmarks Reporting Limit Reporting Limit 2.0.5 mg/L 2.0.5 mg/L	To be sent to	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Lab or CHEMBER Detergents Kit K-9400	

SECTION 3C: INLET				Th. 1600			
Location Up Inlet Pipe No. 3	stream Asset ID	Material	Clock Postion (Outle	ripe at 6:00)	Shape	Diameter/Dimension (in.) In Water:	Subm
	Anna Person Co				X	With Sedin	ment;
SECTION 3C: INLET	PIPE NO. 3 PHYS		Indi	eator Present?		Indicator Description	
	Asset Dan	nage					
	Deposits/St Pool Qua						
ADLLLL	Pipe Algae/G	Growth					
*Do physical in	Is Inlet Pipe No.:	licit discharge is present (Y/N): 3 Flowing?				Estimated GPM:	
SECTION 3C: INLET	PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLOW					
Indicate	or	Indicator Present (Yes	s/No)		Description	Severity	
Color							
Turbidi Floatables (Does Not		•			•		
		PLING/TESTING RESULTS (ALL F	FLOWING ASSETS)				
Sample Date					The Anthony of the An	Post	
Paramet Temperature (d		Re	esult		Typical EPA Benchmarks	Equipment EXTECH EC500	
pH						EXTECH EC500 EXTECH EC500	
Specific Conduc Salinity (pp						EXTECH EC500	
Chlorine (p	ppm)				≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips	
Ammonia (≥ 0.25 mg/L	To be sent to Lab or CHEMets Deterger	nts Kit K-
E.coli (cfu/l	00mL)				> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab	
Phosphorus						To be sent to lab	
CECTION ID. IN PT	DIDE NO 4 APPE	T DESCRIPTION					
SECTION 3D: INLET Location Up	stream Asset ID	Material	Clock Postion (Outle	t Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Subm
Inlet Pipe No. 4						In Water: With Sedin	ment:
SECTION 3D: INLET	PIPE NO. 4 PHYS	ICAL INDICATORS					
	Indicate	or	Indi	cator Present?		Indicator Description	
	Asset Dan Deposits/S						
	Pool Qua		-				
*Do physical in	ndicators suggest an il	licit discharge is present (Y/N):				In a second	
EPCTION 1D. INI ET	Is Inlet Pipe No.	4 Flowing? SICAL INDICATORS (ALL FLOW	INC ASSETS)			Estimated GPM:	
Indicate		Indicator Present (Ye			Description	Severity	
Odor							
Turbid	ity						
Floatables (Does Not		L	ELOWING ASSETS)				
Sample Date		LING/TESTING RESULTS (ALL)	LOWING ASSETS)			,	
Parame Temperature (R	esult		Typical EPA Benchmarks	Equipment EXTECH EC500	
pН						EXTECH EC500 EXTECH EC500	
	ctivity (uS)						
Specific Conduc						EXTECH EC500	
Specific Condu Salinity (p Chlorine (pm S) ppm)				≥ Reporting Limit	EXTECH EC500 Hach Test Strips	
Specific Conduc Salinity (p	pm S) ppm) (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge	nts Kit K
Specific Condu- Salinity (pi Chlorine (Ammonia (Surfactants E.coli (cfu/l	pm S) ppm) mg/L) (mg/L) 00mL)				≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Deterge To be sent to lab	nts Kit K
Specific Conduc Salinity (p Chlorine (Ammonia (Surfactants	pm S) ppm) (mg/L) (mg/L) 00mL) fu/100mL)				≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge	nts Kit K
Specific Condui Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/) Enterococcus (c Phosphorus	pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) (mg/L)				≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECII EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab To be sent to lab	nts Kit K
Specific Conduc Sallnity (p) Chlorine (Ammonia (Surfactants E-coil (cfall) Enterococcus (c Phosphorus SECTION 3E: INLET	pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) (mg/L)	T DESCRIPTION Material	Clock Postion (Outl	t Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECII EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab To be sent to lab	
Specific Conduc Sallnity (p) Chlorine (Ammonia (Surfactants E.coli (cfall) Enterococcus (c Phosphorus SECTION 3E: INLET	pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) (mg/L)		Clock Postion (Outle	t Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab In be sent to lab To be sent to lab La Water.	Subu
Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/) Enterococcus (c Phosphorus SECTION 3E: INLET Location Ug Inlet Pipe No. 5	pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) fu/100mL) (mg/L) PIPE NO. 5 ASSE ostream Asset ID	Material	Clock Postion (Outle	t Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab	Subn
Specific Conduct Salinity (p Chlorine (Ammonia (Surfactants E.coli (cfu/l Enterococus (c Phosphorus SECTION 3E: INLET Location U;	pm S) ppm) mg/L) (mg/L) 00mL) 00mL) (mg/L) 00mL) (mg/L) PIPE NO. 5 ASSE stream Asset ID PIPE NO. 5 PHYS Indicat	Material SICAL INDICATORS		t Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab In be sent to lab To be sent to lab La Water.	Subn
Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/) Enterococcus (c Phosphorus SECTION 3E: INLET Location Ug Inlet Pipe No. 5	pm S) ppm) pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) fu/100mL) (mg/L) PIPE NO. 5 ASSE pstream Asset ID PIPE NO. 5 PHYS Indicat Asset Dat	Material SICAL INDICATORS tor mage			≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab Diameter/Dimension (in.) La Water. With Sedi	Subn
Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/) Enterococus (c Phosphorus SECTION 3E: INLET Location Uj Inlet Pipe No. 5	pm S) ppm) pm mg/L) (mg/L) 00mL) fu/100mL) fu/100mL) (mg/L) PIPE NO. 5 ASSE stream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposits'S Pool Que	Material SICAL INDICATORS tor mage stains			≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab Diameter/Dimension (in.) La Water. With Sedi	Subn
Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/l Enterococcus (c Phosphorus SECTION 3E: INLET Location Up Inlet Pipe No. 5 SECTION 3E: INLET	pm S) ppm) mg/L) mg/L) 00mL) f(mg/L) 00mL) f(mg/L) 00mL) f(mg/L) PIPE NO. 5 ASSE Stream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposits, Peol Qua Pipe Algoritation of the Control of the Control Pipe Algoritation of the Contr	Material SICAL INDICATORS tor mage Stains ality Growth Blict discharge is present (Y/N):			≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab In description In With Sedi	Subn
Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants E-coil (cfu// Enterococus (Phosphorus SECTION 3E: INLET Location U; Iniet Pipe No. 5 SECTION 3E: INLET *Do physical i	pm S) ppm) mg/L) (mg/L) 00mL) fur(10mL) fur(10mL) (mg/L) PIPE NO. 5 ASSE Stream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposity Pool Qu Pipe Algoet and idicators suggest an in Is Inlet Pipe No.	Material SICAL INDICATORS tor mage Stains ality Growth Blict discharge is present (Y/N): .5 Flowing?	Ind		≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab Diameter/Dimension (in.) La Water. With Sedi	Subn
Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants) E.coli (cfu/) Enterococus (c Phosphorus SECTION 3E: INLET Location U; Inlet Pipe No. 5 SECTION 3E: INLET *Do physical i SECTION 3E: INLET	pm S) ppm) pm S) ppm) mg/L) (mg/L) 00mL) fu/100mL) (mg/L) PIPE NO. 5 ASSE pstream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposits/S Fool Qu Plpe Algae(indicator sugest an il Is lalet Fipe No. PIPE NO. 5 PHYS	Material SICAL INDICATORS tor mage Strains ality Growth Bicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW	Ind		≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/10mL > 61 cfu/100mL Shape	EXTECLI ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to lab Indicator Description Estimated GPM:	Subm iment:
Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants E-coil (cful') Enteroccuse (Phosphorus SECTION 3E: INLET Location Up Inlet Pipe No. 5 SECTION 3E: INLET *Do physical i SECTION 3E: INLET Indicat Odor	pm S) ppm) mg/L) mg/L) 00mL) fur(10mL) fur(10m	Material SICAL INDICATORS tor mage Stains ality Growth Blict discharge is present (Y/N): .5 Flowing?	Ind		≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 2.35 cfu/100mL > 61 cfu/100mL	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab In description In With Sedi	Subu iment:
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Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants) E.coli (cfu/) Enterococus (c) Phosphorus SECTION 3E: INLET Location U; Inlet Pipe No. 5 SECTION 3E: INLET *Do physical i SECTION 3E: INLET Indicat Quantum Color Turbido Floatables (Does No SECTION 3E: INLET	pm S) ppm) pm S) ppm) mg/L) (mg/L) 00mL) fur(10mL) fur(10mL) (mg/L) PIPE NO. 5 ASSE stream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposity's Pool Qu Pipe Algae(indicators suggest an in Is Inleft Pipe No. PIPE NO. 5 PHYS for r r tity t I chadde Trash) PIPE NO. 5 SAMI	Material SICAL INDICATORS for mage Stains ality Growth llicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	Ind Ind Ind ING ASSETS)		2 0.5 mg/L ≥ 0.25 mg/L > 235 cfm/l > 61 cfm/100mL Shape Description	EXTECLI EC500 Hach Test Surjos Hach Test Surjos Hach Test Surjos To be sent to Lab Diameter/Dimension (in.) La Water. With Sedi Indicator Description Estimated GPM:	Subu iment:
Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants E-coil (cfu/l Enterocceus (cfu/l Enterocceus (cfu/l Section 3E; INLET Location Up Inlet Pipe No. 5 SECTION 3E; INLET *Do physical i SECTION 3E; INLET Indicat Qdo Colo Turbid Floatables (Dees No SECTION 3E; INLET Sample Dat Parame	pm S) ppm) pm S) ppm) mg/L) (mg/L) 00mL) fur(10mL) fur(10mL) (mg/L) PIPE NO. 5 ASSE PIPE NO. 5 ASSE Indicat Asset Dar Deposity Pipe Algaer in Is lalet Pipe No. PIPE NO. 5 PHYS for r r r tity t Include Trash) PIPE NO. 5 SAMI e/Time:	Material SICAL INDICATORS for mage Stains ality Growth Bicit discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (V/N) PLING/TESTING RESULTS (ALL)	Ind Ind Ind ING ASSETS)		2 0.5 mg/L ≥ 0.25 mg/L > 235 cfm/l > 61 cfm/100mL Shape Description	EXTECLI EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab Diameter/Dimension (in.) In Water. With Sedi Indicator Description	Subu iment:
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Specific Conductor Salinity (p) Chlorine (Ammonia (Surfactants E.coli (cfu/) Enterococus (c Phosphorus SECTION 3E: INLET Location U; Inlet Pipe No. 5 SECTION 3E: INLET *Do physical i SECTION 3E: INLET SECTION 3E: INLET SECTION 3E: INLET SECTION 3E: INLET *Do physical i *Do physical i *Do physical i *Do physical i *Topic No. 5 SECTION 3E: INLET Sample Dat Param Temperature (p. H Specific Conductor Salinity (p. Salinity (p	pm S) pm S) ppm) pm S) ppm) pm mg/L) (mg/L) (00mL) (00mL) (mg/L) PIPE NO. 5 ASSE pstream Asset ID PIPE NO. 5 PHYS Indicat Asset Deposits? Pool Qu Pipe Ages Asset an in Lis Intel Pipe No. PIPE NO. 5 PHYS for r r r r r r r r r r r r r r r r r	Material SICAL INDICATORS for mage Stains ality Growth Bicit discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (V/N) PLING/TESTING RESULTS (ALL)	Ind Ind ING ASSETS) ING ASSETS)		2 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L ≥ 325 cft 100mL ≥ 61 cft/160mL Shape Description Typical EPA Benchmarks	EXTECH ECS00 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to Lab Diameter/Dimension (in.) La Water. With Sedi Indicator Description Estimated GPM: Severity Equipment EXTECH ECS00 EXTECH ECS00	Subu iment:
Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants) E.coli (cfu/) Enterococus (c Phosphorus SECTION 3E: INLET Location U; Inlet Pipe No. 5 SECTION 3E: INLET *Do physical i SECTION 3E: INLET Indicata Odor Color Turbid Floatables (Does No. SECTION 3E: INLET Sample Dat Param Temperature (Specific Condu Spe	pm S) ppm) pm S) ppm) mg/L) (mg/L) 00mL) fur(10mL) fur(10mL) (mg/L) PIPE NO. 5 ASSE stream Asset ID PIPE NO. 5 PHYS Indicat Asset Dar Deposits Pipe Algas and in Is Indet Pipe No. PIPE NO. 5 PHYS tor r r r titity te Include Trash) PIPE NO. 5 SAMI e/Time: e/ter degrees F) ctivity (uS) pm S) (ppm) (mg/L)	Material SICAL INDICATORS for mage Stains ality Growth Bicit discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (V/N) PLING/TESTING RESULTS (ALL)	Ind Ind ING ASSETS) ING ASSETS)		2 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L ≥ 35 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	EXTECH ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Deterge To be sent to Lab In be sent to lab To be sent to lab Ea Water With Sedi Indicator Description Estimated GPM: Severity Equipment EXTECH ECS00 Hach Test Strips Hach Test Strips	Submiment:
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Specific Conduct Salinity (p) Chlorine (Ammonia (Surfactants) E-coil (cfu/) Enterococcus (c Phosphorus SECTION 3E: INLET Location U; Inlet Pipe No. 5 SECTION 3E: INLET "Do physical i SECTION 3E: INLET Indicat Odo Colool Turbid Floatables (Does No SECTION 3E: INLET Sample Dat Param Temperature (p- Specific Condu Salinity (c Chloring Chloring Chloring Ammonia (Ammonia)	pm S) ppm) pm S) ppm) mg/L) (mg/L) (00mL) (mg/L) (00mL) (mg/L) PIPE NO. 5 ASSE stream Asset ID PIPE NO. 5 PHYS Indicat Asset D Pipe Age indicator suggest an it Is Inlet Pipe No. PIPE NO. 5 PHYS for r r r r tity te the chedy Trash) PIPE NO. 5 SAMI eTimer degrees F) ctivity (uS) pm S3 (ppm) (mg/L) (mg/L) (100mL)	Material SICAL INDICATORS for mage Stains ality Growth Bicit discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (V/N) PLING/TESTING RESULTS (ALL)	Ind Ind ING ASSETS) ING ASSETS)		2 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L ≥ 61 cfu/160mL. Shape Description Typical EPA Benchmarks 2 Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMES Deterge To be sent to Lab Diameter/Dimension (in.)	Submiment:

nlet Pipe No. 6	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:0	0) Shape	Diameter/Dimension (in.)	Submerged
						In Water:
niet Pipe No. 6						With Sediment:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Presen	t?	Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do ph	ysical indicators suggest an illicit d				4	
	Is Inlet Pipe No.6 Flor	ving?			Estima	ited GPM:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL					
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity			•		
Floatables (De	oes Not Include Trash)					
ECTION 3F: IN	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (AI	L FLOWING ASSETS)			
Samp	ple Date/Time:					
	Parameter		Result	Typical EPA Benchmarks	Equip	
Temper	ature (degrees F)				EXTECH	
	pH				EXTECH	
Cassifia	Conductivity (uS)				EXTECH	
					EXTECH	
	inity (ppm S)			≥ Reporting Limit		
Sali	inity (ppm S) lorine (ppm)				Hach Te	
Sali Chl				≥ 0.5 mg/L	Hach Tes	t Strips
Sali Chl Amr	lorine (ppm)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Tes To be sent to Lab or CHEM	t Strips ets Detergents Kit K-9400
Sali Chi Amr	lorine (ppm) monia (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfw100mL	Hach Tee To be sent to Lab or CHEM To be sen	t Strips ets Detergents Kit K-9400 it to lab
Sali Chi Ami Surfi E.coi	lorine (ppm) monia (mg/L) actants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Tes To be sent to Lab or CHEM	at Strips ets Detergents Kit K-9400 at to lab at to lab

	CKGROUND DATA								
	CB-1870 2019-08-21 10:46:00				0	UTFALL ID:			
emperature: °F					In	Carrie Presco Beckworth Eri	t Andres Hurtado Samue McGuire Evelynn Couse	1 Marinez Zebulan Day	Derek
reet Name/Struct		Cross Country			11,0	special(s). Beckworthjer 1	i neddirejevelynn couse	y	
Previous Precip	pitation Date/End Time:	2019-08-18 22:15:	90		Amount (inches): 0.	37			HI I
	UTLET PIPE ASSET DES			Material		Shape	Diar	neter/Dimension (in.)	Submerged
Location	CB Interior Cone	anton	arma e rica			Circle	Dist	18	In Water: Fully
CB Outlet Pipe	Good		Reinforced	Concrete		Circle		10	With Sediment: Fully
ECTION 3A: II	NLET PIPE NO. 1 ASSE	T DESCRIPTION	N						
Location	Upstream Asset ID		laterial	Clock Postion (Outl		Shap		Diameter/Dimension	(in.) Submerged In Water: No
Inlet Pipe No. 1	CB-1864	Concrete		12:00	9	Circ	e	12	With Sediment: No
ECTION 3A: I	NLET PIPE NO. 1 PHYS		ORS		4.5				
	Indicat Asset Dar			Ind	licator Present?			Indicator Description	
	Deposits/S				None				
	Pool Qua				None				
*Do ph	Pipe Algae/6 hysical indicators suggest an il		esent (Y/N):		None				
Бора	Is Inlet Pipe No.				Yes		Moderate	E	timated GPM: 5
ECTION 3A: I	NLET PIPE NO. 1 PHYS	ICAL INDICAT	ORS (ALL FLOWIN	NG ASSETS)					
	Indicator		Indicator Present (Yes/	No)		Description			Severity
	Odor Color		No No						
	Turbidity								Clear
Sam	INLET PIPE NO. 1 SAMI uple Date/Time: Parameter	2019-08-21 10:40				Typical EPA Benchm	arks .	E	quipment
	rature (degrees F)		82.	.9		Typical Er A Benefiti			ECH EC500 ECH EC500
Temper	rature (degrees F) pH		82. 7. 119	9		Typical El A Bellellill		EXT EXT	ECH EC500 ECH EC500
Temper	rature (degrees F)		7. 119 54	9 4 90 9				EXT EXT EXT	ECH EC500 ECH EC500 ECH EC500
Temper Specific Sal Ch	rature (degrees F) pH : Conductivity (uS) linity (ppm S) hlorine (ppm)		7. 119 54	9 4 99 9		≥ Reporting Limit		EXT EXT EXT Hac	ECH EC500 ECH EC500 ECH EC500 h Test Strips
Specific Sal Ch	rature (degrees F) pH c Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg/L)		7. 11! 54 0	9 4 90 9				EXT EXT EXT Hac	ECH EC500 ECH EC500 ECH EC500
Specific Sal Ch Am Surf	rature (degrees F) pH : Conductivity (uS) linity (ppm S) hlorine (ppm)		7. 119 54	9 4 30 9 9		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu 100mL		EXT EXT EXT Hac To be sent to Lab or Cl	ECH EC500 ECH EC500 ECH EC500 h Test Strips h Test Strips tEMets Detergents Kit K-9400 we sent to lab
Specific Sal Ch Am Surf E.co	rature (degrees F) pH c Conductivity (uS) linity (ppm S) thiorine (ppm) mmonia (mg/L) factants (mg/L) oli (cfu/100mL) toccus (cfu/100mL)		7. 119 54 0 0	9 4 30 9 9		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L		EXT EXT EXT Hac Hac To be sent to Lab or CL To b	ECH EC500 ECH EC500 ECH EC500 Tett Strips h Test Strips h Test Strips lEMets Detergents Kit K-9400 es eart to lab es eart to lab
Specific Sal Ch Am Surf E.co	rature (degrees F) pH conductivity (uS) linity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) oli (cfu/100mL)		7. 119 54 0 0	9 4 30 9 9		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu 100mL		EXT EXT EXT Hac Hac To be sent to Lab or CL To b	ECH EC500 ECH EC500 ECH EC500 h Test Strips h Test Strips tEMets Detergents Kit K-9400 we sent to lab
Temper Specific Sal Ch Am Surf E.co Enteroco	rature (degrees F) pH c Conductivity (uS) linity (ppm S) thiorine (ppm) mmonia (mg/L) factants (mg/L) oli (cfu/100mL) toccus (cfu/100mL)		7. 1115 54 0 0 0 0 0 33	9 4 4 99 9 05 3		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXT EXT Hac To be sent to Lab or Cl To b	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips e sent to lab e sent to lab e sent to lab
Temper Specific Sal Ch Am Surf E.co Enteroco	rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm) monnia (mg/L) factants (mg/L) oli (cfu/109mL) coccus (cfu/100mL) sphorus (mg/L)		7. 119 544 8 0 <0.	9 4 30 9 9	let Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu 100mL		EXT EXT EXT Hac Hac To be sent to Lab or CL To b	ECH EC500 ECH EC500 THE EC500 THE ECH EC500 THE Strips TEST Strips TEST Strips TEST Strips TEMENTS Detergents Kit K-9400 THE EMENTS DETERMENT STRIPS THE S
Temper Specific Sala Ch Am Surf E.co Enteroc Phos	rature (degrees F) pH Conductivity (uS) linity (ppm S) linity (ppm S) nlorine (ppm) monnia (mg/L) factants (mg/L) oli (cfu/100mL) seccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE		7. 1115 54 0 0 0 0 0 33	9 4 4 99 9 05 3	let Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXT EXT Hac To be sent to Lab or Cl To b	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips e sent to lab e sent to lab e sent to lab
Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2	rature (degrees F) pH Conductivity (uS) linity (ppm S) hloriae (ppm) monnia (mg/L) factants (mg/L) oli (cfu/100mL) especus (cfu/100mL) esphorus (mg/L) INLET PIPE NO-2 ASSE Upstream Asset ID	M	7. 1115 54 6 6 6 53 53	9 4 4 99 9 05 3	let Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXI 14ac 15ac 15ac 15ac 15ac 15ac 15ac 15ac 15	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2	rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) eli (fc/u10@mL) sphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID INLET PIPE NO. 2 PHYS Indica	SICAL INDICAT	7. 1115 54 6 6 6 53 53	9 4 10 9 9 05 . 3 Clock Postion (Out	let Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXT EXT Hac To be sent to Lab or Cl To b	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2	rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm) monnia (mg/L) factants (mg/L) factants (mg/L) eccus (cfu/100mL) expects (cfu/100mL) exphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID INLET PIPE NO. 2 PHYS Indica Asset Da	MICAL INDICAT	7. 1115 54 6 6 6 53 53	9 4 10 9 9 05 . 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXI 14ac 15ac 15ac 15ac 15ac 15ac 15ac 15ac 15	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2	rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) eli (fcu/100mL) sphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset Da Deposits*	SICAL INDICAT tor mage Stains ality	7. 1115 54 6 6 6 53 53	9 4 10 9 9 05 . 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXI 14ac 15ac 15ac 15ac 15ac 15ac 15ac 15ac 15	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf Ecco Enteroc Phos SECTION 3B: 1 Location Inlet Pipe No. 2	rature (degrees F) pH conductivity (uS) linity (ppm S) linity (ppm	M SICAL INDICAT tor mage Stains ality Growth	7. 115 54 6 6 6 6 7 7 7 8 7 8 8 8 8 9 8 8 8 8 8 8 8 8 8 8	9 4 10 9 9 05 . 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXI EXI 14ac 15ac 15ac 15ac 15ac 15ac 15ac 15ac 15	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3B: 1 Location Inlet Pipe No. 2	rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm) mmonia (mg/L) factants (mg/L) eli (fcu/100mL) sphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset Da Deposits*	M SICAL INDICAT tor mage Stains ality Growth	7. 115 54 6 6 6 6 7 7 7 8 7 8 8 8 8 9 8 8 8 8 8 8 8 8 8 8	9 4 10 9 9 05 . 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXT EXT Hade Hate To be sent to Lab or Cl To t	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips ltelMets Detexpents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In Water.
Temper Specific Sal Ch Am Surf E.co Enteroco Phot Decritor 3B: I Location Inlet Pipe No. 2 *Do pl	rature (degrees F) pH Conductivity (uS) linity (ppm S) loloriae (ppm) monia (mg/L) factants (mg/L) factants (mg/L) oil (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 2 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae shysical indicators suggest an in	M SICAL INDICAT tor mage Stains ality Growth Illicit discharge is pre 2.2 Flowing?	7. 11:15 54 8 8 8 9 93 N N Interial **CORS *	9 4 4 30 9 65 3 Clock Postion (Out		≥ Reporting Limit ≥0.5 mg/L ≥0.25 mg/L >23.5 cfu/100mL >61 cfu/100mL		EXT EXT Hade Hate To be sent to Lab or Cl To t	ECH ECS00 ECH ECS00 ECH ECS00 h Test Strips Test Strips Test Strips leading to the test of
Temper Specific Sal Ch Amm Surf E.co Enterooco Enterooco Inlet Pipe No. 2 ECTION 3B: 1 Location Inlet Pipe No. 2	rature (degrees F) pH conductivity (uS) linity (ppm S) bilorine (ppm) mmonia (mg/L) factants (mg/L) oil (cfu/100mL) roccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Asset Da Deposits? Pool Qu Pipe Algaech shysical indicators suggest an i Is Inlet Pipe NO. 2 PHYS Indicator	M SICAL INDICAT tor mage Stains ality Growth Illicit discharge is pre 2.2 Flowing?	7. 11:1 54 8 8 8 9 93 N Internal	9 4 4 30 9 65 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.025 mg/L > 2.35 cfu 100mL > 61 cfu/100mL		EXT EXT Hade Hate To be sent to Lab or Cl To t	ECH EC500 ECH EC500 ECH EC500 Test Strips a Test Strips dEMets Detergents Kit K-9400 e sent to lab e sent to lab e sent to lab (in.) Submerged In.Water. With Sediment
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Temper Specific Sal Ch Am Surf E-co Enterco Phos ECTION 3B: I *Do pl ECTION 3B: I	rature (degrees F) pH conductivity (uS) linity (ppm S) lolorine (ppm) monoia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 2 PHYS Indica Asset Da Deposits; Pool Qm Pipe Algae' thysical indicators suggest an is Is Inlet Pipe NO. 2 PHYS Indicator Odor Color Turbidity	M SICAL INDICAT tor mage Stains ality Growth Illicit discharge is pre 2.2 Flowing?	7. 11:15 54 8 8 8 9 93 N N Interial **CORS *	9 4 4 30 9 65 3 Clock Postion (Out		≥ Reporting Limit ≥0.5 mg/L ≥0.25 mg/L >23.5 cfu/100mL >61 cfu/100mL		EXT EXT Hade Hate To be sent to Lab or Cl To t To t Diameter/Dimension Indicator Description	ECH ECS00 ECH ECS00 ECH ECS00 h Test Strips Test Strips Test Strips leading to the test of
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Temper Specific Sal Ch Am Surf E.co Enteroc Phos ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I Floatables (I ECTION 3B: I	rature (degrees F) pH pH conductivity (uS) linity (ppm S) linity (mg/L) factants (mg/L) factants (mg/L) looccus (cfu/100mL) looccus (cfu/100mL) looccus (cfu/100mL) looccus (cfu/100mL) looccus (mg/L) linite TPIPE NO. 2 ASSE Upstream Asset ID linite TPIPE NO. 2 PHYS lindicator linite TPIPE NO. 2 PHYS linite TPIPE NO. 2 SAM linite TPIP	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 8 8 9. 93 N Interial CORS CORS CORS (ALL FLOWE) Indicator Present (Yes	9 4 4 9 9 05 3 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu 100mL > 61 cfu/100mL Sha		EXT EXT Hade Hate To be sent to Lab or Cl To t To t Diameter/Dimension Indicator Description	ECH ECS00 ECH ECS00 ECH ECS00 h Test Strips Test Strips Test Strips leading to the test of
Temper Specific Sal Ch Am Surf E.co Enterooc Phor ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I Floatables (I SECTION 3B: I Sam	rature (degrees F) pH conductivity (uS) linity (ppm S) linity (ppm	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 8 8 9. 93 N Interial CORS CORS CORS (ALL FLOWE) Indicator Present (Yes	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu 100mL > 61 cfu/100mL Sha	Ne .	EXT EXT Hac ATT To be sent to Lab or Cl To t To t To t Diameter/Dimension Indicator Description	ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips IEMets Detergents Kit K-9400 es sent to lab es sent to lab se sent to lab
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Temper Specific Sal Ch Am Surf E-co Enterco Phos ECTION 3B: I Location Inlet Pipe No. 2 *Do pl *Do pl Floatables (I SeCTION 3B: I Sam Tempe	rature (degrees F) pH pH conductivity (uS) linity (ppm S) allorine (ppm) monoia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 2 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae' thysical indicators suggest an Is Inlet Pipe No INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 SAM upstream Asset ID INLET PIPE NO. 2 SA	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 cfu 100mL > 61 cfu/100mL Sha Description	Ne .	EXT EXT Hake Hale To be sent to Lab or Cl To t To t Diameter/Dimension Indicator Description E E EX.	ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips IEMets Detergents Kit K-9400 es sent to lab es sent to lab se sent to lab
Temper Specific Sal Ch Am Surf E.co Enterooc Photo ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I SECTION 3B: I SECTION 3B: I Sam Tempe	rature (degrees F) pH conductivity (uS) linity (ppm S) linity (ppm	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 cfu 100mL > 61 cfu/100mL Sha Description	Ne .	EXT EXT Hase Hase To be sent to Lab or Cl To to To to To to Diameter/Dimension Indicator Description E E EX: EX: EX: EX: EX:	ECH EC500 ECH EC500 ECH EC500 Test Strips a Test Strips a Test Strips a test strips a test to lab we sent to lab we sent to lab In Water. With Sediment Severity guipment ECH EC500 ECH EC500 ECH EC500
Temper Specific Sal Ch Am Surf Ecco Enteroc Phos ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I *Do pi Floatables (I ECTION 3B: I SecTION 3B: I SecTION 3B: I Floatables (T SecTION 3B: I Sec	rature (degrees F) pH pH conductivity (uS) linity (ppm S) allorine (ppm) monoia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 2 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae' thysical indicators suggest an Is Inlet Pipe No INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 PHYS Indicator Upstream Asset ID INLET PIPE NO. 2 SAM upstream Asset ID INLET PIPE NO. 2 SA	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu 100mL > 61 cfu/100mL Sha Sha Description Typical EPA Benchm ≥ Reporting Limit ≥ Reporting Limit ≥ Reporting Limit	Ne .	EXT EXT Hade Hate To be sent to Lab or Cl To t To t Diameter/Dimension Indicator Description E E EX EX EX Hate Hate Hate Hate Hate Hate Hate Hate	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips a Test Strips deMets Detergents Kit K-9400 e sent to lab e sent to lab e sent to lab e sent to lab Submerged In Water. With Sediment Severity Severity Guipment Tech ECS00 Tech
Temper Specific Sal Ch Am Surf E-co Enterooc Photo ECTION 3B: I Location Inict Pipe No. 2 ECTION 3B: I SECTION 3B: I SecTION 3B: I SecTION 3B: I Am Tempe Specific Sa Ct An	rature (degrees F) pH conductivity (uS) linity (ppm S)	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥0.5 mg/L ≥0.25 mg/L ≥0.25 mg/L >2.35 cfu100mL >61 cfu/100mL Sha Sha Description 1 Typical EPA Benchm ≥ Reporting Limit ≥ Reporting Limit ≥ 0.5 mg/L	Ne .	EXT EXT Hac EXT Hac To be sent to Lab or CI To t To t To t Diameter/Dimension Indicator Description E E EX: EX: EX: EX: EX: Hac	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips Use sent to lab e sent to lab e sent to lab e sent to lab se sent to lab se sen
Temper Specific Sal Ch Am Surf Ecco Phore Enteroc Phore SECTION 3B: 1 *Do pl *Do pl Floatables (I SECTION 3B: 1 Floatables (I SECTION 3B: 1 *Do pl SECTION 3B: 1 *Do pl *Do	rature (degrees F) pH conductivity (uS) liaity (ppm S)	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu 100mL > 61 cfu/100mL Sha Sha Description Typical EPA Benchm ≥ Reporting Limit ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Ne .	EXT EXT Hac EXT Hac To be sent to Lab or CI To t To t Diameter/Dimension E E EX	ECH EC500 ECH EC500 ECH EC500 h Test Strips Test Strips Test Strips Test Strips It sets the search to lab e sent to lab e sent to lab In Water. With Sediment: Severity Severity Severity Action 1 Severity
Temper Specific Sal Ch Am Surf E.co Enterco Phose SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I SECTION 3B: I SECTION 3B: I SECTION 3B: I Company Section 3B: I Se	rature (degrees F) pH conductivity (uS) linity (ppm S)	M SICAL INDICAT tor mage Stains ality Growth likit discharge is pro. 2 Flowing? SICAL INDICAT	7. 11: 154 8 0 0 40. 93 N Interial CORS CORS CORS CORS CORS (ALL FLOWII Indicator Present (Yes)	9 4 4 90 9 9 Clock Postion (Out		≥ Reporting Limit ≥0.5 mg/L ≥0.25 mg/L ≥0.25 mg/L >2.35 cfu100mL >61 cfu/100mL Sha Sha Description 1 Typical EPA Benchm ≥ Reporting Limit ≥ Reporting Limit ≥ 0.5 mg/L	Ne .	EXT EXT Hac EXT Hac To be sent to Lab or CI To t Diameter/Dimension Indicator Description E E EX: EX: EX: EX: To be sent to Lab or CI To	ECH ECS00 ECH ECS00 ECH ECS00 ECH ECS00 Test Strips Test Strips Test Strips Use sent to lab e sent to lab e sent to lab e sent to lab se sent to lab se sen

Location	INLET PIPE NO. 3 ASSE				
	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:
let Pipe No. 3					With Sediment:
CTION 3C:	INLET PIPE NO. 3 PHYS	SICAL INDICATORS			
	Indicat	lor	Indicator Present?		Indicator Description
	Asset Dan				
	Deposits/S Pool Qua				
	Pipe Algae/C				
*Do p	obysical indicators suggest an il	llicit discharge is present (Y/N):			
	Is Inlet Pipe No.	3 Flowing?			Estimated GPM:
ECTION 3C:	INLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLOWIN	NG ASSETS)		
	Indicator	Indicator Present (Yes/	No)	Description	Severity
	Odor				
-	Color Turbidity				
Floatables (1	Does Not Include Trash)				•
ECTION 3C+	INI ET PIPE NO 3 SAMI	PLING/TESTING RESULTS (ALL FI	LOWING ASSETS)		
	nple Date/Time:	LING/ILDING RESCEID (ILDIN	30 HH and and		
	Parameter	Res	sult	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)				EXTECH ECSON
e	pH				EXTECH EC500 EXTECH EC500
	ic Conductivity (uS) alinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Sur	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	roli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	scoccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab To be sent to lab
Pho	osphorus (mg/L)				10 to sain to his
ECTION 3D	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
nlet Pipe No. 4					In Water:
met ripe No. 4					With Sediment:
ECTION 3D:	INLET PIPE NO. 4 PHYS			and the second second	
	Indicat		Indicator Present?		Indicator Description
	Asset Dar Deposits/S				
	Pool Qua				
	Pipe Algae/				
*Do p		flicit discharge is present (Y/N):			la
	Is Inlet Pipe No.	.4 Flowing?			Estimated GPM:
ECTION 3D:		SICAL INDICATORS (ALL FLOWE			
	Indicator	Indicator Present (Yes/	(No)	Description	Severity
	Odor				
	Turbidity				
Floatables ((Does Not Include Trash)				
ECTION 3D:	INLET PIPE NO. 4 SAMI	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
	mple Date/Time:				
	Parameter	Res	sult	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)				EXTECH EC500 EXTECH EC500
Specifi	pH le Conductivity (uS)				EXTECH EC500
	ialinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Sur	rfactants (mg/L)				
				≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
E.c	coli (cfu/100mL)			> 235 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
E.c Entero	ococcus (cfu/100mL)				To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
E.c Entero				> 235 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
E.c Entero Pho	ococcus (cfu/100mL) tosphorus (mg/L)	T DESCRIPTION		> 235 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
E.c Entero Pho	ococcus (cfu/100mL)	ET DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	> 235 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
E.c Entero Pho ECTION 3E: Location	ococcus (cfu/100mL) tosphorus (mg/L) INLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at 6:00)	> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab To be sent to lab Diameter/Dimension (in.) Submerged In Water.
Ection 3E:	ococcus (cfu/100mL) tosphorus (mg/L) INLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at 6:00)	> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged
Ection 3E: Location	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS	Material SICAL INDICATORS		> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment:
Ection 3E: Location	oxphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica	Material SICAL INDICATORS	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab To be sent to lab Diameter/Dimension (in.) Submerged In Water.
Ection 3E: Location	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY Indica Asset D	Material SICAL INDICATORS ator		> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment:
E.c. Entero Pho ECTION 3E: Location Inlet Pipe No. 5	oxphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica	Material SICAL INDICATORS tor unage Stains		> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment:
E.c. Entero Pho EECTION 3E: Location Inlet Pipe No. 5	oxphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae'	Material SICAL INDICATORS tor image Stains sality Growth		> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment:
E.c Entero Pho ECTION 3E: Location Inlet Pipe No. 5 ECTION 3E:	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest as in	Material SICAL INDICATORS stor mage Stains stality 'Growth Millett discharge is present (V/N):		> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water: With Sediment: Indicator Description
E.c Entero Pho ECTION 3E: Location inlet Pipe No. 5 ECTION 3E: *Do p	oxphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits, Pool Qu Pipe Algae/ physical indicators suggest an Is Inlet Pipe No.	Material SICAL INDICATORS ttor mage Stains stality Growth Illicit discharge is present (V/N): 0.5 Flowing?	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment:
E.c Entero Pho ECTION 3E: Location inlet Pipe No. 5 ECTION 3E: *Do p	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an i	Material SICAL INDICATORS ttor image Stains stality Growth illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOWI	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In Water: With Sediment. Indicator Description Estimated GPM:
E.c Entero Pho ECTION 3E: Location nlet Pipe No. 5 ECTION 3E: *Do p	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits: Pool Qu Fipe Alged, physical indicators suggest an is Inlet Pipe No. 5 PHYS INLET PIPE NO. 5 PHYS Indicator	Material SICAL INDICATORS ttor mage Stains stality Growth Illicit discharge is present (V/N): 0.5 Flowing?	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml.	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water: With Sediment: Indicator Description
E.c Entero Pho ECTION 3E: Location nlet Pipe No. 5 ECTION 3E: *Do p	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an i	Material SICAL INDICATORS ttor image Stains stality Growth illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOWI	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In Water: With Sediment. Indicator Description Estimated GPM:
E.c Enteror Phe ECTION 3E: Location Inlet Pipe No. 5 ECTION 3E: *Do 1	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits* Pool Qu Fipe Algoet Is Inlet Pipe No. 5 PHYS INLET PIPE NO. 5 PHYS Indicators suggest an is INLET PIPE NO. 5 PHYS Indicator Suggest and Control of the Pipe No. 5 PHYS Indicator Oddor Color Turbidity	Material SICAL INDICATORS ttor image Stains stality Growth illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOWI	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In Water. With Sediment. Indicator Description Estimated GPM: Severity
E.c Enteror Phe ECTION 3E: Location Inlet Pipe No. 5 ECTION 3E: *Do 1	espectus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an it Is Inlet Pipe NO. 5 PHY! Indicator Odor Color Turbidity (Does Not Include Trash)	Material SICAL INDICATORS stor mage Stains stality (Growth milliet discharge is present (V/N): 0.5 Flowing? SICAL INDICATORS (ALL FLOWI Indicator Present (Yes	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In Water: With Sediment. Indicator Description Estimated GPM:
E.c Enteror Phe ECTION 3E: Location niet Pipe No. 5 ECTION 3E: ECTION 3E: ECTION 3E: ECTION 3E: ECTION 3E:	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset D Pool Qu Pipe Algae' physical indicators suggest an in Inlet PIPE NO. 5 PHY: Indicator Color Turbidity (Does Not Include Trash)	Material SICAL INDICATORS tor image Stains sality Growth illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOWI Indicator Present (Yes	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In Water. With Sediment. Indicator Description Estimated GPM: Severity
E.c Enteror Phe ECTION 3E: Location Iniet Pipe No. 5 ECTION 3E: ECTION 3E: Floatables (ECTION 3E: ECTION 3E:	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits' Pool Qu Pipe Algae' physical indicators suggest an in Is Inlet Pipe No. 5 PHYS Indicator INLET PIPE NO. 5 PHYS Indicator Color Turbidity (Does Not Include Trash) EINLET PIPE NO. 5 SAM imple Date/Time:	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Lin Water. With Sediment. Indicator Description Estimated GPM: Severity
Ection 3E: *Do j Floatables (ECTION 3E: *Do j Floatables (ECTION 3E: Sar	eseccus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an it is inlet Pipe No. INLET PIPE NO. 5 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) : INLET PIPE NO. 5 SAM mple Date/Time: Parameter	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present?	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water: With Sediment: Indicator Description Estimated GPM: Severity Equipment
Ection 3E: *Do j Floatables (ECTION 3E: *Do j Floatables (ECTION 3E: Sar	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits? Pool Qu Pipe Algae' physical indicators suggest an it Is Inlet Pipe No. INLET PIPE NO. 5 PHY: Indicator Odor Turbidity (Does Not Include Trash) ENLET PIPE NO. 5 SAM umple Date/Time: Parameter persture (degrees F)	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In Water. With Sediment: Indicator Description Estimated GPM: Severity Equipment EXTECH EC500
E.c Eatero Phe ECTION 3E: Location allet Pipe No. 5 ECTION 3E: ECTION 3E: ECTION 3E: ECTION 3E: SCOTTON 3E: ScotTO	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits: Pool Qu Fipe Algae' physical indicators suggest an in Is Inlet Pipe No. 5 PHYS Indicators for the pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator Suggest an indicator Sugges	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water: With Sediment: Indicator Description Estimated GPM: Severity Equipment
E.c Enteror Pho ECTION 3E: Location Inlet Pipe No. 5 ECTION 3E: *Do.j *Do.j Floatablet (ECTION 3E: Sar Temp Specifi	conceus (cfu/100mL) cophorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an in Inlet Pipe No. 5 PHY: Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAM imple Date/Time: Parameter perature (degrees F) pH fit Conductivity (uS)	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab To be sent to lab In Water. With Sediment. Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
E.c Enteror Phe ECTION 3E: Location Iniet Pipe No. 5 ECTION 3E: ECTION 3E: ECTION 3E: Floatables (ECTION 3E: Sau Temps Specific S	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits: Pool Qu Fipe Algae' physical indicators suggest an in Is Inlet Pipe No. 5 PHYS Indicators for the pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator suggest an in Is Inlet Pipe No. 5 PHYS Indicator Suggest an indicator Sugges	Material SICAL INDICATORS tor image Stains stality Growth illicit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Description	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) In Water. With Sediment. Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
E.c Enteror Phe ECTION 3E: Location Intel Pipe No. 5 ECTION 3E: ECTION 3E: ECTION 3E: Floatables (SECTION 3E: SecTION 3E: SecT	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits? Pool Qu Pipe Algae's physical indicators suggest an it Is Inlet Pipe No. 5 PHYS Indicator Odor Turbidity (Does Not Include Trash) EINLET PIPE NO. 5 SAM umple Date/Time: Parameter Parameter Persture (degrees F) pH fic Conductivity (uS) salinity (pus) S	Material SICAL INDICATORS tor image Stains sality Growth slicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Shape Typical EPA Benchmarks 2 Reporting Umit 20.5 mg/L	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water. With Sediment: In Water.
E.c Enteror Phe ECTION 3E: Location Inlet Pipe No. 5 ECTION 3E: Floatables (ECTION 3E: Said Temps Specific C. A. Su. Su. Su. Su. Su. Su. Su. Su. Su. Su	osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an in Is Inlet Pipe No. 5 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) EINLET PIPE NO. 5 SAM Imple Date/Time: Parameter Perparture (agrees F) pH fic Conductivity (uS) Salinity (ppu S) Chlorinoia (mg/L) Intercatants (mg/L)	Material SICAL INDICATORS tor image Stains sality Growth slicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Shape Typical EPA Benchmarks 2 Reporting Umit 2 0.5 mg/L 2 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In.Water. With Sediment Indicator Description Estimated GPM: Severity Equipment EXTECH ECS00
E.c Entero Phe Entero Phe ECCTION 3E: Location Inlet Pipe No. 5 ECCTION 3E: SECTION 3E: Se	coccus (cfu/100mL) cophorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Indica Asset Da Deposits/ Pool Qu Pipe Algae/ physical indicators suggest an in Inlet Pipe No. 5 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) EINLET PIPE NO. 5 SAM imple Date/Time: Parameter perature (degrees F) pH fin Conductivity (uS) Salinity (ppm S) Colorine (ppm) Immonia (mg/L)	Material SICAL INDICATORS tor image Stains sality Growth slicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Yes	Indicator Present? ING ASSETS) (NO) PLOWING ASSETS)	> 235 cfu/100ml. > 61 cfu/100ml. Shape Shape Typical EPA Benchmarks 2 Reporting Umit 20.5 mg/L	To be sent to Lab or CHEMets Detergents Kir K-9400 To be sent to lab In water. With Sediment: In Water.

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
alet Pipe No. 6						In Water:
let Pipe No. 6						With Sediment:
CTION 3F: I	NLET PIPE NO. 6 PHYSICAL	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do pl	hysical indicators suggest an illicit d				-	
	Is Inlet Pipe No.6 Flow	wing?			Estima	ited GPM:
CTION 3F; I	NLET PIPE NO. 6 PHYSICAL					
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity	-				
Floatables (D	Does Not Include Trash)					
ECTION 3F: I	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (AI	L FLOWING ASSETS)			
	pple Date/Time:					
	Parameter		Result	Typical EPA Benchmarks	Equip	
Temper	rature (degrees F)				EXTECH EXTECH	
	pH				EXTECH	
	Conductivity (uS)				EXTECH	
	linity (ppm S)					
	hlorine (ppm)			≥ Reporting Limit	Hach Tes	
	nmonia (mg/L)			≥ 0.5 mg/L	Hach Tes	
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEM	
E.co	oli (cfu/100mL)			> 235 cfu/100mL	To be ser	
	coccus (cfu/100mL)			> 61 cfu/100mL	To be ser	
	sphorus (mg/L)					nt to lab

	BACKGROUND DATA					on the second			
ASSET ID:	CB-1864				OUTFALL ID:				
Date/Time:	2019-08-21 10:55:00					Carrie Prescott Andres H	urtado (Samual Nas	inez (Zehu) an Davin-	rek
Temperature: °F	74				Inspector(s):	Beckworth Erin McGuire E	velynn Cousey	Lebutan Day De	N. N. O.
Street Name/Stru	acture Location:	Cross Country							
Previous Pre	ecipitation Date/End Time:	2019-08-18 22:15:00		Amount (inches):	0.37				
Pictures									
					1000				4-11-1-1
	OUTLET PIPE ASSET DES		Material			Shape	Diameter/	Dimension (in.)	Submerged
Location	CB Interior Cone						Diameter		In Water: No
CB Outlet Pipe	Fair	Reinforced	Concrete			Circle		18	With Sediment: No
SECTION 3A	: INLET PIPE NO. 1 ASSE	T DESCRIPTION							
Location	Upstream Asset ID	Material	Clock Postion (Out)	et Pipe at 6:00)		Shape	Di	ameter/Dimension (in	
The state of the s		Vitrified Clay	8:00			Circle		8	In Water: No
Inlet Pipe No. 1	CB-3512	TINITIES VIOY	0:00			Univad.			With Sediment: No
SECTION 3A:	: INLET PIPE NO. 1 PHYS					per de la constante de la cons			
	Indicat		Inc	licator Present?			Indi	cator Description	
	Asset Dar			None	_				
-	Deposits/S Pool Qua			None					
	Pipe Algae/			None					
*Do	physical indicators suggest an it	licit discharge is present (Y/N):		No					
	Is Inlet Pipe No.	1 Flowing?		No	h			Estim	nated GPM:
SECTION 3A:	: INLET PIPE NO. 1 PHYS	ICAL INDICATORS (ALL FLOWI							
	Indicator	Indicator Present (Yes/	No)			Description			Severity
	Odor								
	Color Turbidity								
Floatables	(Does Not Include Trash)								- 4
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
	ample Date/Time:								
	Parameter	Re	sult		Typi	cal EPA Benchmarks	9		pment
Temp	perature (degrees F)								H EC500
	pH						-		H EC500 H EC500
	fic Conductivity (uS) Salinity (ppm S)								H EC500
	Chlorine (ppm)					≥ Reporting Limit			est Strips
	Ammonia (mg/L)					≥ 0.5 mg/L		Hach To	est Strips
	urfactants (mg/L)					≥ 0.25 mg/L	To		Mets Detergents Kit K-9400
	.coli (cfu/100mL)					> 235 cfu/100mL			ent to lab
Enter	rococcus (cfu/100mL)					> 61 cfu/100mL			ent to lab
Pi	hosphorus (mg/L)						-	To be s	ent to lab
-					-				
	: INLET PIPE NO. 2 ASSE		-		-				V 64 :
Location	Upstream Asset ID	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	D	iameter/Dimension (in	In Water. No
Inlet Pipe No. 2	CB-1865	Reinforced Concrete	12:0	e		Circle		18	With Sediment: No
								N Park Control	
SECTION 3B	: INLET PIPE NO. 2 PHYS Indica		In	dicator Present?			Ind	icator Description	
	Asset Da			None					
	Deposits/			None					
	Pool Qu			None					
-	Pipe Algae/			None					
*Do	physical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N):		No Yes		1	Moderate	Estin	nated GPM: 5
cpement	The second secon	A STATE OF THE PARTY OF THE PAR	NC ASSETTS			CALL TO THE	7 5 7	1-20	
SECTION 3B	INLET PIPE NO. 2 PHYS Indicator	Indicator Present (Yes				Description			Severity
	Odor	No							
	Color	No							
	Turbidity					•			Clear
	s (Does Not Include Trash)	No				-			
And and the State of the Control	The state of the s	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
S	ample Date/Time: Parameter	2019-08-18 11:00:00 Re	sult		Typ	ical EPA Benchmarks		Foui	ipment
Tem	Parameter iperature (degrees F)).4					EXTEC	TH EC500
	pH		7						CH EC500
Speci	ific Conductivity (uS)		77				15		CH EC500
	Salinity (ppm S)		74			≥ Reporting Limit			CH EC500
	Chlorine (ppm)		0			≥ Reporting Limit	1		est Strips
	Ammonia (mg/L)	1	8			≥ 0.5 mg/L	-		est Strips Mate Datamente Kit V 9400
	Surfactants (mg/L)		.05			≥ 0.25 mg/L > 235 cfu/100mL	To		Mets Detergents Kit K-9400 sent to lab
	E.coli (cfu/100mL) rococcus (cfu/100mL)	14	3.9			> 61 cfu/100mL	-		sent to lab
	Phosphorus (mg/L)						1		sent to lab
P									

Phosphorus (mg/L)

To be sent to lab

Location	Upstream Asset ID	Material	Clock Postion (Ou	tlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
	-						In Water:
Inlet Pipe No. 6							With Sediment:
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS					
	Indicator		ln	dicator Present?		Indicator Description	
	Asset Damage						
	Deposits/Stains						
	Pool Quality		.0				
	Pipe Algae/Growt						
*Do ph	ysical indicators suggest an illicit d						
	Is Inlet Pipe No.6 Flow	ving?				Estimat	ed GPM:
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL						
	Indicator	Indicator Present	(Yes/No)		Description		Severity
	Odor						
	Color						
	Turbidity						
Floatables (D	oes Not Include Trash)						
Samp	NLET PIPE NO. 6 SAMPLING ple Date/Time:	G/TESTING RESULTS (AL					
	Parameter		Result		Typical EPA Benchmarks	Equipn	
Temper	ature (degrees F)					EXTECH	
	pH			-		EXTECH EXTECH	
	Conductivity (uS)					EXTECH	
	inity (ppm S)						
	lorine (ppm)				≥ Reporting Limit	Hach Test	
	monia (mg/L)				≥ 0.5 mg/L	Hach Test	
	actants (mg/L)				≥ 0.25 mg/L	To be sent to Lab or CHEMe	
	li (cfu/100mL)				> 235 cfc/100mL	To be sent	
	occus (cfu/100mL)				> 61 cfu/100mL	To be sent	
Phos	phorus (mg/L)					10 be sent	to lab
Annual Control							
Comments:							
	0						
Signature of							

. .

SECTION 1: E	BACKGROUND DATA								
ASSET ID:	CB-1865			OUTF	ALL ID:				
Date/Time:	2019-08-21 11:03:00				Carrie Prescott Andres	Hurtado Samuel Mar	inez (Zebulan DavIDere	k	
Temperature: °F				Inspec	ter(s): Beckworth [Erin McGuire]	Evelynn Cousey			
Street Name/Stru		Cross Country							
Previous Pre	ecipitation Date/End Time:	2019-08-18 22:15:00		Amount (inches): 0.37					
Pictures									
SECTION 2: 0	OUTLET PIPE ASSET DES	SCRIPTION							
Location	CB Interior Cond		Material		Shape	Diameter/	Dimension (in.)		ubmerged
CB Outlet Pipe	Poor	Reint	orced Concrete		Circle			In Water:	No
							17	With Sediment	No
TOTAL PROPERTY.	SANCE DE LA COMPANIE								
	INLET PIPE NO. 1 ASSE			1 - W		100			when and
Location	Upstream Asset ID	Material	Clock Postion (Out	llet Pipe at 6:00)	Shape	Di	iameter/Dimension (in.)		Submerged No
Inlet Pipe No. 1	CB-9518	Reinforced Concrete	9:00	9	Circle			In Water: With Sediment	
CECTION 24	INLET PIPE NO. 1 PHYS						1		1
SECTION 3A:	INLET PIPE NO. 1 PHYS		Inc	dicator Present?		Ind	icator Description		
	Asset Dan		-	None					
	Deposits/S			None					
	Pool Qua			None					
40.	Pipe Algae/C physical indicators suggest an ill			None No					
-50	Is Inlet Pipe No.			Yes		Moderate	Estimate	ed GPM:	18
SECTION 3A		ICAL INDICATORS (ALL FL	OWING ASSETS)						
SECTION SA	Indicator	Indicator Presen			Description			Severity	
	Odor	No							
	Color	No							
W	Turbidity							Clear	
	(Does Not Include Trash)	No	I T DE CHITTIC LOCKERS			-		-	
		LING/TESTING RESULTS (A	LL FLOWING ASSETS)						
Sa	mple Date/Time:	2019-08-21 11:05:00	Result		Typical EPA Benchmarks		Equipm	ent	
Temp	perature (degrees F)		77.3				EXTECH I		
	pH		7,77				EXTECH E		
	fic Conductivity (uS)		257				EXTECH I		
	Salinity (ppm S)		119		2.8		EXTECH I		
	Chlorine (ppm)		0		≥ Reporting Limit ≥ 0.5 mg/L		Hach Test		
	ammonia (mg/L) urfactants (mg/L)		<0.05		≥ 0.25 mg/L	To	be sent to Lab or CHEMet		Cit K-9400
	.coli (cfu/100mL)		6.3		> 235 cfu/100mL	- 10	To be sent		
	ococcus (cfu/100mL)				> 61 cfu/100mL		To be sent		
Ph	nosphorus (mg/L)						To be sent	to lab	
	INLET PIPE NO. 2 ASSE								
Location	Upstream Asset ID	Material	Clock Postion (Out	tlet Pipe at 6:00)	Shape	D	iameter/Dimension (in.)	In Water.	No No
Inlet Pipe No. 2	CB-1867	Reinforced Concrete	12:0	90	Circle			With Sedimen	
SECTION 2D	INLET PIPE NO. 2 PHYS	ICAL INDICATORS							***
	Indicat		In	dicator Present?		Ind	icator Description		
	Asset Dan	nage		None					
	Deposits/S			None					
	Pool Qua Pipe Algae/G			None None					
*Do	physical indicators suggest an il			No					
	Is Inlet Pipe No.			Yes		Moderate	Estimat	ed GPM:	10
SECTION 3B	INLET PIPE NO. 2 PHYS	ICAL INDICATORS (ALL FL	OWING ASSETS)						
	Indicator	Indicator Presen	t (Yes/No)		Description			Severity	
	Odor	No.						_	-
	Color Turbidity	No .						Clear	
Floatables	(Does Not Include Trash)	No							
_		LING/TESTING RESULTS (A	LL FLOWING ASSETS					1	
PLANT CONTRACTOR OF STREET		2019-08-21 11:05:00							
	ample Date/Time:				Typical EPA Benchmarks		Equipm		
	Parameter		Result						
Tem	Parameter perature (degrees F)		77.1				EXTECHI		
	Parameter perature (degrees F) pH		77.1 6.7				EXTECH I	EC500	
Speci	Parameter perature (degrees F) pH fic Conductivity (uS)		77.1 6.7 664		≥ Reporting Limit		EXTECH I	EC500 EC500	
Speci	Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S)		77.1 6.7 664 330		≥ Reporting Limit ≥ Reporting Limit		EXTECH I	EC500 EC500 EC500	
Speci S	Parameter perature (degrees F) pH fic Conductivity (uS)		77.1 6.7 664		≥ Reporting Limit ≥ Reporting Limit ≥ 0.5 mg/L		EXTECH I EXTECH I	EC500 EC500 EC500 Strips	
Speci 5	Parameter perature (degrees F) pH file Conductivity (uS) Salinity (ppm S) Chlorine (ppm)		77.1 6.7 664 330		≥ Reporting Limit	To	EXTECH I EXTECH I EXTECH I Hach Test Hach Test be sent to Lab or CHEMet	EC500 EC500 EC500 Strips Strips ts Detergents I	Sii K-9400
Speci S	Parameter perature (degrees F) pH file Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L) coli (cfu/100mL)		77.1 6.7 664 330 0		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	To	EXTECH I EXTECH I EXTECH I Hach Test Hach Test to Lab or CHEMet To be sent	EC500 EC500 EC500 Strips Strips ts Detergents It to lab	Sit K-9400
Speci S A St E Enter	Parameter pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L)		77.1 6.7 664 330 e e e <8.05		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	То	EXTECH I EXTECH I EXTECH I Hach Test Hach Test be sent to Lab or CHEMet	EC500 EC500 EC500 Strips Strips ts Detergents I to lab	Kit K-9400

Location	NLET PIPE NO. 3 ASSE Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerg
Inlet Pipe No. 3					In Water:
					With Sediment:
SECTION 3C: II	NLET PIPE NO. 3 PHYS		Indicator Present?		Indicator Description
	Indicat Asset Dan		motator recent		THE COLUMN TO SECURITION OF TH
	Deposits/S				
	Pool Qua				
*Do ph		licit discharge is present (Y/N):			
	Is Inlet Pipe No.				Estimated GPM:
SECTION 3C: I	NLET PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLO	OWING ASSETS)		
	Indicator	Indicator Present	(Yes/No)	Description	Severity
	Odor Color				
	Turbidity				
Floatables (D	loes Not Include Trash)				•
SECTION 3C: I	NLET PIPE NO. 3 SAMI	LING/TESTING RESULTS (AL	L FLOWING ASSETS)		
	ple Date/Time:		Result	Typical EPA Benchmarks	Equipment
	Parameter rature (degrees F)		Result	Typical EFA Deuthinal K3	EXTECH EC500
	pH				EXTECH EC500
	Conductivity (uS)				EXTECH ECS00 EXTECH ECS00
	linity (ppm S) lorine (ppm)			≥ Reporting Limit	Hach Test Strips
	monia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Surf	actants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-940
	di (cfu/100mL) occus (cfu/100mL)			> 235 efu/100mL > 61 efu/100mL	To be sent to lab To be sent to lab
	occus (cfu/100mL) sphorus (mg/L)			- VI CIW INDIIL	To be sent to lab
	NLET PIPE NO. 4 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerg
Inlet Pipe No. 4					With Sediment:
SECTION 3D: I	NLET PIPE NO. 4 PHYS	SICAL INDICATORS			
	Indicat		Indicator Present?		Indicator Description
	Asset Dar				
	Deposits/S Pool Qua				
	Pipe Algae/				
*Do ph		llicit discharge is present (Y/N):			la
	Is Inlet Pipe No.	4 Flowing?			Estimated GPM:
SECTION 3D: 1	NLET PIPE NO. 4 PHYS	SICAL INDICATORS (ALL FLO	OWING ASSETS)		
	Indicator	Indicator Present	(Yes/No)	Description	Severity
	Odor				
	Color Turbidity				
	loes Not Include Trash)				
SECTION 3D: I	NLET PIPE NO. 4 SAMI	PLING/TESTING RESULTS (AI	L FLOWING ASSETS)		
	ple Date/Time:				
	Parameter		Result	Typical EPA Benchmarks	
	rature (decrees E)				Equipment EXTECH ECSON
Temper	pH				EXTECH EC500
Specific	pH Conductivity (uS)				EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal	pH Conductivity (uS) linity (ppm S)				EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal Ch	pH Conductivity (uS) linity (ppm S) lorine (ppm)			≥ Reporting Limit	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Specific Sal Ch Am	pH Conductivity (uS) linity (ppm S) lorine (ppm) monia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Specific Sal Ch Am	pH Conductivity (uS) inity (ppm S) slorine (ppm) monia (mg/L) factants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Specific Sal Ch Am Surf E.co	pH Conductivity (uS) limity (ppm S) clorine (ppm) monia (mg/L) factants (mg/L) di (cfu/100mL) occus (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detregents Kit K-940 To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co	pH Conductivity (uS) linity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L) di (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Tes Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab
Specific Sal Ch Am Surf E.co Enterocc	pH Conductivity (uS) inity (ppm S) ilorine (ppm) monia (mg/L) factants (mg/L) ili (cfu/100mL) occus (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detregents Kit K-940 To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co Enteroce Phos	pH Conductivity (uS) initivy (ppm S) dorine (ppm) monia (mg/L) actants (mg/L) ii (cfu/100mL) occus (cfu/100mL) uphorus (mg/L) NLET PIPE NO. 5 ASSE		Clark Bartley (Andle Provide Ann.)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: IL Location	pH Conductivity (uS) inity (ppm S) ilorine (ppm) monia (mg/L) factants (mg/L) ili (cfu/100mL) occus (cfu/100mL)	T DESCRIPTION Material	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab Submerg
Specific Sal Ch Am Surf E.co Enteroce Phos	pH Conductivity (uS) initivy (ppm S) dorine (ppm) monia (mg/L) actants (mg/L) ii (cfu/100mL) occus (cfu/100mL) uphorus (mg/L) NLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	pH Conductivity (uS) initivy (ppm S) dorine (ppm) monia (mg/L) actants (mg/L) ii (cfu/100mL) occus (cfu/100mL) uphorus (mg/L) NLET PIPE NO. 5 ASSE	Material	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	pH Conductivity (uS) inity (ppm S) loirine (ppm) monia (mg/L) factants (mg/L) fit (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat	Material ICAL INDICATORS	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab
Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	pH Conductivity (uS) inity (ppm S) ilorine (ppm) monia (mg/L) factants (mg/L) ili (cfu/100mL) cecus (cfu/100mL) phorus (mg/L) NLET PIPE NO, 5 ASSE Upstream Asset ID NLET PIPE NO, 5 PHYS Indicat Asset Dat	Material ICAL INDICATORS or nage		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab With Sediment;
Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	pH Conductivity (uS) inity (ppm S) loirine (ppm) monia (mg/L) factants (mg/L) fit (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat	Material HICAL INDICATORS or or nage stains		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab With Sediment;
Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5	pII Conductivity (uS) initiv (ppm S) dorine (ppm) monia (mg/L) actants (mg/L) di (cfu/100mL) di (cfu/100mL) phorus (fu/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits/S Pool Qu Pipe Algae/f	Material ICAL INDICATORS or nage stalins ulty		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab With Sediment;
Specific Sal Ch Am Surf E.co Enteroc Phos SECTION 3E: I Location Inlet Pipe No. 5	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L) it (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Qu Pipe Algor'd systeal indicators suggest an in	Material ICAL INDICATORS or mage takins takins tility Growth likit discharge is present (Y/N):		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-946 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment:
Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: II *Do pb	pH Conductivity (uS) inity (ppm S) loirine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits's Pool Qu Pipe Algoe't sysical indicators suggest an in Is Inict Pipe No.	Material ICAL INDICATORS or nage takins t	Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab With Sediment;
Specific Sal Ch Am Surf E.ce Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: L *Do ph	pH Conductivity (uS) iinity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fil (cfu/100mL) occus (cfu/100mL) ghborus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits/S Pool Qu Pipe Algae/ dysical indicators suggest an il Is latet Pipe No. NLET PIPE NO. 5 PHYS	Material ICAL INDICATORS or mage tatains taliny Growth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLC	Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab In Water With Sediment. In Water With Sediment. Indicator Description
Specific Sal Ch Am Surf E.ce Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: L *Do ph	pH Conductivity (uS) linity (ppm S) lorine (ppm) mmonia (mg/L) actants (mg/L) it (cfu/100mL) uphorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Qu Pipe Algace' bysical indicators suggest an Is later Pipe NO. 5 PHYS Indicator	Material ICAL INDICATORS or nage takins t	Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-946 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment:
Specific Sal Ch Am Surf E.co Enteroco Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: 1: "Do ph	pH Conductivity (uS) inity (ppm S) Initicat Asset Dat Deposits/S Pool Qu Pipe Algae/ dysical indicators suggest an it Is later Pipe NO, NLET PIPE NO, 5 PHYS Indicator Odor Color	Material ICAL INDICATORS or mage tatains taliny Growth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLC	Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab In Water With Sediment. In Water With Sediment. Indicator Description
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: I *Do ph SECTION 3E: I	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L) it (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Qu Fipe Algoed sysical indicators suggest and Is later Pipe NO. 5 PHYS NLET PIPE NO. 5 PHYS Indicator Color Color Color Color	Material ICAL INDICATORS or mage tatains taliny Growth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLC	Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab In Water; With Sediment: Indicator Description Estimated GPM:
Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: II *Do pt SECTION 3E: II Floatables (D	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits's Pool Qu pipe Algoe't sysical indicators ungest an in Is Inict Pipe No. NLET PIPE NO. 5 PHYS Indicator Color Turbidity one Not Include Trash)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab In Water With Sediment. In Water With Sediment. Indicator Description
Specific Sal Ch Am Surf E.ce Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: I Floatables (D SECTION 3E: I	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) ghorus (mg/L) fit (cfu/100mL) ghorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits: Pool Qu Pipe Algae/ dysical indicators suggest an it Is later Pipe NO. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Poos Not Include Trash) NLET PIPE NO. 5 SAMI	Material ICAL INDICATORS or nage takins slity Growth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab In Water; With Sediment: Indicator Description Estimated GPM:
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: I: *Do ph SECTION 3E: I: Floatables (D SECTION 3E: I: SECTION 3E: II Floatables (D SECTION 3E: II	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits's Pool Qu pipe Algoe't sysical indicators ungest an in Is Inict Pipe No. NLET PIPE NO. 5 PHYS Indicator Color Turbidity one Not Include Trash)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detregents Kit K-940 To be sent to lab In Water: With Sediment: Indicator Description Estimated GPM:
Specific Sal Ch Am Surf E.ce Enterocc Phos SECTION 3E: II *Do pk SECTION 3E: II Floatables (D SECTION 3E: II Sam)	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) fit (cfu/100mL) ghorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits: Pool Qu Pipe Algae/t dysical indicators suggest an it Is later Pipe NO. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter Farameter Far	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM:
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: II *Do ph SECTION 3E: II Floatables (D SECTION 3E: II Sam Temper	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L) actants (mg/L) it (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Que Pipe Algor dysical indicators suggest an ill Is later Pipe No. S Phys NLET PIPE NO. 5 PHYS Indicator Odor Color C	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Estimated GPM: Submerg
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I *Do ph SECTION 3E: I Floatables (D SECTION 3E: I Sam Temper	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) phorus (mg/L) fit (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits? Pool Qui To Inlet Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab Estimated GPM: Estimated GPM: Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal Ch Am Surf E.co Enterococc Phos SECTION 3E: II Coation Inlet Pipe No. 5 SECTION 3E: II Floatables (D SECTION 3E: II Floatables (D SECTION 3E: II	pH Conductivity (uS) Indity (ppm S) Indity (ppm S) Indity (ppm S) Indity (ppm S) Indita (ppm)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detregents Kit K-940 To be sent to lab For be sent to lab To be sent to lab For be sent to lab Diameter/Dimension (in.) Submerg In Water; With Sediment; Indicator Description Eatimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5 SECTION 3E: II SECTION 3E: II Temper	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) fit (cfu/100mL) phorus (mg/L) fit (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Deposits? Pool Qui To Inlet Pipe NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL > 61 cful/100mL Shape Description	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab Estimated GPM: Estimated GPM: Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal Ch Am Surf E.co Enteroscore Phos SECTION 3E: II Location Inlet Pipe No. 5 SECTION 3E: II *Do ph *Do ph *ECTION 3E: II *Temper Specific Sal Ch Am Surf	pH Conductivity (uS) inity (ppm S) init (cfu/100mL) init (cfu/10	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL > 61 cful 100mL Shape Description Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to Lab For be sent to lab To be sent to lab En Water: With Sediment: In Water: With Sediment:
Specific Sal Ch Am Surf E.co Enteroce Phos SECTION 3E: I *Do ph *SECTION 3E: I Floatables (D SECTION 3E: I Sam Temper Specific Sal Ch Am Surf E.co	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dar Depositrs Pool Qu Pipe Algae fysical indicators suggest an in Is Inici Pipe No. NLET PIPE NO. 5 PHYS Indicator Color Turbidity foods for Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (ms) linity (ppm S) lolerine (ppm) monia (mg/L)	Material ICAL INDICATORS or mage stains sality Growth likit discharge is present (Y/N): 5 Flowing? ICAL INDICATORS (ALL FLC Indicator Present	Indicator Present? DWING ASSETS) (Yes/No) L FLOWING ASSETS)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L 2 255 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Surps Hach Test Surps Hach Test Surps To be sent to Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab To be sent to lab Estimated GPM: Estimated GPM:

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let Pipe No. 6 CTION 3F: INLE			Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
CTION 3F: INLE						With Sediment:
	T PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do physica	al indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flow	ving?			Estima	ted GPM:
CTION 3F: INLE	T PIPE NO. 6 PHYSICAL	LINDICATORS (ALL FLOY	WING ASSETS)			
Indic	cator	Indicator Present (Yes/No)	Description		Severity
Od						
Co						
Turb						
Floatables (Does N	Not Include Trash)					•
ECTION 3F: INLE	T PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALI	FLOWING ASSETS)			
Sample D						
Parai			Result	Typical EPA Benchmarks	Equip	
	e (degrees F)				EXTECH	
	Н				EXTECH	
	ductivity (uS)				EXTECH	
Salinity	(ppm S)				EXTECH	
Chlorin	ie (ppm)			≥ Reporting Limit	Hach Tes	
Ammoni	ia (mg/L)			≥ 0.5 mg/L	Hach Tes	
Surfactar	nts (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEM	ets Detergents Kit K-9400
E.coli (cft	u/100mL)			> 235 cfu/100mL	To be ser	t to lab
Enterococcus	s (cfu/100mL)			> 61 cfu/100mL	To be ser	
Phosphor	rus (mg/L)				To be ser	t to lab

SECTION 1. P.	CKGROUND DATA						
ASSET ID:	CB-9518				OUTFALL ID: PL1222		
Date/Time: 2	2019-08-21 11:05:00				Carrie Prescottlandres h	Hurtado Samuel Marinez Zebulan D	hayl Derek
Temperature: °F 7					Inspector(s): Beckworth Erin McGuire E	Evelynn Cousey	ray Del ex
treet Name/Structi	ture Location: pitation Date/End Time:	Cross Country 2019-08-18 22:15:00		Amount (inches):	0.27		
Pictures							
	UTLET PIPE ASSET DE					Dispute (Dispute de)	Submanual
Location	CB Interior Con	dition	Material	-	Shape	Diameter/Dimension (in.)	Submerged In Water: No
CB Outlet Pipe	Good		Other	Concrete Block	Circle	18	With Sediment: No
Location Location	NLET PIPE NO. 1 ASSE Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Ou	tlet Pipe at 6:00)	Shape	Diameter/Dimension	on (in.) Submerged
Inlet Pipe No. 1	unknown	Vitrified Clay	9:0		Circle	4	In Water: No With Sediment: No
	NLET PIPE NO. 1 PHY	SICAL INDICATORS					With Segiment: No
ECTION 3A: II	Indica		In	dicator Present?		Indicator Description	n
	Asset Da	mage		Chipping			
	Deposits/ Pool Qu			None None			
	Pipe Algae/			None			
*Do ph		illicit discharge is present (Y/N):		No			Estimated GPM:
POTION 24. II	Is Inlet Pipe No	SICAL INDICATORS (ALL FL	OWING ASSETS)	No			Estimated Of M.
	Indicator	Indicator Presen		T	Description		Severity
	Odor		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Color						
	Turbidity Does Not Include Trash)						11
		PLING/TESTING RESULTS (A	LL FLOWING ASSETS				
Samp	ple Date/Time:						
	ple Date/Time: Parameter		Result		Typical EPA Benchmarks		Equipment
	ple Date/Time: Parameter rature (degrees F)				Typical EPA Benchmarks	EX	Equipment YTECH EC500 YTECH EC500
Temper	ple Date/Time: Parameter				Typical EPA Benchmarks	EX EX	KTECH EC500 KTECH EC500 KTECH EC500
Temper Specific Sali	ple Date/Time: Parameter rature (degrees F) pH : Conductivity (uS) linity (ppm S)					EX EX EX	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500
Temper Specific Sali Ch	ple Date/Time: Parameter rature (degrees F) pH : Conductivity (uS) linity (ppm S) hlorine (ppm)				≥ Reporting Limit	EX EX EX Ha	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 ach Test Strips
Temper Specific Sali Ch	ple Date/Time: Parameter rature (degrees F) pH p: Conductivity (uS) linity (ppm S) shorine (ppm) smonia (mg/L)					EX EX EX EX H:	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500
Temper Specific Sali Ch Ami	ple Date/Time: Parameter rature (degrees F) pH : Conductivity (uS) linity (ppm S) hlorine (ppm)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 rd/100mL	EX EX EX EX Hi To be sent to Lab or t	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 b be sent to lab
Temper Specific Sali Ch Ami Surfi E.co	pple Date/Time: Parameter rature (degrees F) pH ; Conductivity (uS) lilaity (ppm S) altorine (ppm) amonia (mg/L) factants (mg/L) doccus (cfu/100mL)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EX EX EX EX TO be sent to Lab or Tre	KTECH ECS00 KTECH ECS00 KTECH ECS00 KTECH ECS00 Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 o be sent to lab o be sent to lab
Temper Specific Sali Ch Ami Surfi E.co	pple Date/Time: Parameter rature (degrees F) pH :Conductivity (uS) limity (ppm S) shorine (ppm) mmonia (mg/L) dctants (mg/L) sli (cfu/100mL)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 rd/100mL	EX EX EX EX TO be sent to Lab or Tre	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 b be sent to lab
Temper Specific Sali Ch Amm Surfi E.co Enterocc	sple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) linity (ppm S) alorine (ppm) amonia (mg/L) factants (mg/L) ali (cfu/100mL) sphorus (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 rd/100mL	EX EX EX EX TO be sent to Lab or Tre	KTECH ECS00 KTECH ECS00 KTECH ECS00 KTECH ECS00 Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 o be sent to lab o be sent to lab
Temper Specific Sali Ch Amm Surfi E.co Enterocc	pple Date/Time: Parameter rature (degrees F) pH ; Conductivity (uS) lilaity (ppm S) altorine (ppm) amonia (mg/L) factants (mg/L) doccus (cfu/100mL)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 rd/100mL	EX EX EX EX TO be sent to Lab or Tre	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 o be sent to lab on (lin.) Submerged
Temper Specific Sali Ch Amm Surfi E.co Enterocc Phos	uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) limity (ppm S) slorine (ppm) mmonia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) (INLET PIPE NO. 2 ASSE	T DESCRIPTION	Result	tlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/\ ≥ 0.2 mg/\ ≥ 0.2 mg/\ > 235 cfu/100mL > 61 cfu/100mL	EX EX EX EX HI To be sent to Lab or t T T	XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab ob esent to lab on (in.) Submerged In.Water, No
Specific Sali Ch Amman Surfi. E-co Enteroce Phos SECTION 3B: II Location Inlet Pipe No. 2	sple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) lilinity (ppm S) slorine (ppm) smonia (mg/L) factants (mg/L) sli (cfu/100mL) sphorus (mg/L) sphorus (mg/L) (NLET PIPE NO. 2 ASSI Upstream Asset ID CB-1866	T DESCRIPTION Material Vitrified Clay	Result Clock Postion (On	tlet Pipe at 6:00)	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX Hit To be sent to Lab or t T c To	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 o be sent to lab on (lin.) Submerged
Specific Sali Ch Ammond Surfi. E-co Enteroce Phos SECTION 3B: Il Location Inlet Pipe No. 2	uple Date/Time: Parameter rature (degrees F) pH :Conductivity (uS) lillinity (ppm S) slorine (ppm) mmonia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) [NLET PIPE NO. 2 ASSE Upstream Asset ID	ET DESCRIPTION Material Vitrified Clay SICAL INDICATORS	Result Clock Postion (Ou 12:	tlet Pipe at 6:00)	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX Hit To be sent to Lab or t T c To	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ab Test Strips Ab Test Strips CHEMets Detergents Kit K-9400 Ab Esent to lab Do be sent to lab On (in.) Submerged In Water. No With Sediment; No
Specific Sali Ch Ammond Surfi. E-co Enteroce Phos SECTION 3B: Il Location Inlet Pipe No. 2	sple Date/Time: Parameter rature (degrees F) pH c c Conductivity (uS) lilaity (ppm S) slorine (ppm) smonia (mg/L) factants (mg/L) sli (cfu/100mL) sphorus (mg/L) sphorus (mg/L) (NLET PIPE NO. 2 ASSI Upstream Asset ID CB-1866 NLET PIPE NO. 2 PHY Indica Asset D	ET DESCRIPTION Material Vitrified Clay SICAL INDICATORS stor mage	Result Clock Postion (Ou 12:	stlet Pipe at 6:00) 00 adicator Present? None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX EX Hit To be sent to Lab or t T c T c Diameter/Dimension	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ab Test Strips Ab Test Strips CHEMets Detergents Kit K-9400 Ab Esent to lab Do be sent to lab On (in.) Submerged In Water. No With Sediment; No
Specific Sali Ch Ammond Surfi. E-co Enteroce Phos SECTION 3B: Il Location Inlet Pipe No. 2	uple Date/Time: Parameter rature (degrees F) pH Gonductivity (uS) linity (ppm S) aloriae (ppm) umonia (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L) sphorus (mg/L) Upstream Asset ID CB-1866 INLET PIPE NO. 2 ASSI Upstream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indica Asset D Depositis	ET DESCRIPTION Material Vitrified Clay SICAL INDICATORS stor mage Skains	Result Clock Postion (Ou 12:	tilet Pipe at 6:03) 00 ndicator Present? None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX EX Hit To be sent to Lab or t T c T c Diameter/Dimension	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ab Test Strips Ab Test Strips CHEMets Detergents Kit K-9400 Ab sent to lab Do be sent to lab On (in.) Submerged In Water. No With Sediment; No
Specific Salil Ch Amin Surfif Eco Enteroco Phos SECTION 3B: II Location Inlet Pipe No. 2	sple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) limity (ppm S) shorine (ppm) smonia (mg/L) factants (mg/L) soli (cfu/100mL) sphorus (mg/L) (cfu/100mL) sphorus (mg/L) (CB-1866 INLET PIPE NO. 2 ASSI Upstream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indica Asset D Depositis Pool Qt Pipe Algae	T DESCRIPTION Material Vitrified Clay SICAL INDICATORS for mage Stains mally Growth	Result Clock Postion (Ou 12:	stlet Pipe at 6:00) 00 adicator Present? None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX EX Hit To be sent to Lab or t T c T c Diameter/Dimension	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ab Test Strips Ab Test Strips CHEMets Detergents Kit K-9400 Ab sent to lab Do be sent to lab On (in.) Submerged In Water. No With Sediment; No
Specific Salil Ch Amin Surfif Eco Enteroco Phos SECTION 3B: II Location Inlet Pipe No. 2	uple Date/Time: Parameter rature (degrees F) pH : Conductivity (uS) linity (ppm S) lorine (ppm) umonia (mg/L) factants (mg/L) factants (mg/L) jil (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSI Upstream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indica Asset D Depositis Pool Qr Pipe Algae hysical indicator's suggest an	ET DESCRIPTION Material Vitrified Clay SICAL INDICATORS tor mage Stains tallity Growth Millicit discharge is present (V/N):	Result Clock Postion (Ou 12:	ndicator Present? None None None None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 o be sent to lab o be sent to lab o be sent to lab of the sent to lab of t
Temper Specific Sali Ch Ami Surf E-coi Enteroce Phos SECTION 3B: II Location Inlet Pipe No. 2 SECTION 3B: II	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) limity (ppm S) holorine (ppm) monnia (mg/L) factants (mg/L) factants (mg/L) di (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) (NLET PIPE NO. 2 ASSI Uystream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indice Asset D Deposits Pool Qi Fipe Algae hysical indicators suggest an Is Inlet Pipe No.	T DESCRIPTION Material Vitrified Clay SICAL INDICATORS tor Image Stains Tallity Growth Illicit discharge is present (Y/N): 2. Flowing?	Clock Postion (Ou	tilet Pipe at 6:00) 00 None None None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ab Test Strips Ab Test Strips CHEMets Detergents Kit K-9400 Ab sent to lab Do be sent to lab On (in.) Submerged In Water. No With Sediment; No
Specific Sali Ch Amm Surfi Eco Enteroce Phos SECTION 3B: II Location Inlet Pipe No. 2 SECTION 3B: II *Do ph	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) limity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L) dictur100mL) sphorus (mg/L) Upstream Asset ID Upstream Asset ID Upstream Asset ID Depositis Asset Di Depositis Pool of Fipe Algae hysical indicators suggest an Is Intel Fipe NO. 2 PHY Is Intel Fipe Intel In	ET DESCRIPTION Material Vitrified Clay Stical INDICATORS stor smage Stains stality (Growth illicit discharge is present (Y/N): a. 2 Flowing? SICAL INDICATORS (ALL FI	Clock Postion (Ou	ndicator Present? None None None None	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.25 mg/L > 215 cfu/100mL > 61 cfu/100mL	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 ob each test bab ob each to lab ob Each to la
Specific Sali Ch Amm Surfi Eco Enteroce Phos SECTION 3B: II Location Inlet Pipe No. 2 SECTION 3B: II *Do ph	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S) slorine (ppm) smonia (mg/L) factants (mg/L) factants (mg/L) di (cfu/100mL) sphorus (mg/L) (NLET PIPE NO. 2 ASSI Uystream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indica Asset Di Deposits Pool Qr Fipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor	T DESCRIPTION Material Vitrified Clay SICAL INDICATORS tor Image Stains Tallity Growth Illicit discharge is present (Y/N): 2. Flowing?	Clock Postion (Ou	ndicator Present? None None None None	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.5 mg/L > 215 du/100mL > 61 cfu/100mL Shape Circle	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 Do be sent to lab The sent to lab
Specific Sali Ch Amm Surfi. E-co Enteroce Phos SECTION 3B: II Location Inlet Pipe No. 2	sple Date/Time: Parameter Parameter Parameter Parameter Conductivity (uS) lilaity (ppm S) lila	ET DESCRIPTION Material Vitrified Clay SIGCAL INDICATORS stor Indicator Present (Y/N): Description of the present (Y/N): Lindicator Present (Indicator Present Indicator	Clock Postion (Ou	ndicator Present? None None None None	2 Reporting Umit 20.5 mg/L 20.5 mg/L 20.25 mg/L 2325 cfu/100mL 361 cfu/100mL Shape Circle Description	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 Do be sent to lab The sent to lab
Temper Specific Sali Ch Ami Surfi- E-co Enteroce Phos SECTION 3B: II *Do ph *Do ph SECTION 3B: I	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S) slorine (ppm) smonia (mg/L) factants (mg/L) factants (mg/L) di (cfu/100mL) sphorus (mg/L) (NLET PIPE NO. 2 ASSI Uystream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indica Asset Di Deposits Pool Qr Fipe Algae shysical indicators suggest an Is Inlet Pipe NO. 2 PHY Indicator Odor	ET DESCRIPTION Material Vitrified Clay Stical INDICATORS stor smage Stains stality (Growth illicit discharge is present (Y/N): a. 2 Flowing? SICAL INDICATORS (ALL FI	Clock Postion (Ou	ndicator Present? None None None None	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.5 mg/L > 215 du/100mL > 61 cfu/100mL Shape Circle	EX EX EX EX HI To be sent to Lab or or Te Te Te Te Te Indicator Descriptio	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ab Test Strips Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 Do be sent to lab The sent to lab
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Specific Sala Ch Amma Surfif Eco Enteroco Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I	uple Date/Time: Parameter Parameter Parature (degrees F) pH Gonductivity (uS) linity (ppm S) lin	ET DESCRIPTION Material Vitrified Clay SIGCAL INDICATORS stor Indicator Present (Y/N): Description of the present (Y/N): Lindicator Present (Indicator Present Indicator	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	> Reporting Umit > 0.5 mg/L > 0.25 mg/L > 2.35 cfm/lobmL > 61 cfm/100mL Shape Circle Description	EX EX EX EX EX Hit To be sent to Lab or or Te Te Tr Diameter/Dimension 10	XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 De sent to lab De sent to lab De sent to lab With Sediment No Myth Sediment No Submerged In Water. No Myth Sediment No Severity
Temper Specific Sali Ch Ami Surf E-coi Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: II *Do ph SECTION 3B: I SECTION 3B: I SECTION 3B: I	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S)	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postion (Ou 12:	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	2 Reporting Umit 20.5 mg/L 20.5 mg/L 20.25 mg/L 2325 cfu/100mL 361 cfu/100mL Shape Circle Description	EX EX EX EX EX HI To be sent to Lab or or Te	CTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 Ob sent to lab Ob Submerged In Water. No With Sediment, No On Estimated GPM: Severity Equipment
Temper Specific Sali Ch Ami Surfi E-coi Enterocc Phos SECTION 3B: II Location Inlet Pipe No. 2 SECTION 3B: II *Do ph SECTION 3B: I SECTION 3B: I	sple Date/Time: Parameter	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	> Reporting Umit > 0.5 mg/L > 0.25 mg/L > 2.35 cfm/lobmL > 61 cfm/100mL Shape Circle Description	EX EX EX EX EX Hit To be sent to Lab or t Te Te Te Tr Diameter/Dimension 10 Indicator Description	XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Ach Test Strips Ach Test Strips CHEMES Detergents Kit K-9400 obe sent to lab obe sent to lab ob sent to lab With Sediment No Myth Sediment No Submerged In Water. No Submerged In Water. No Submerged In Submerged Submerge
Specific Sali Sali Sali Sali Sali Sali Sali Sali	sple Date/Time: Parameter Parameter Parameter Parature (degrees F) pH Conductivity (uS) linity (ppm S) linity (CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	> Reporting Umit > 0.5 mg/L > 0.25 mg/L > 2.35 cfm/lobmL > 61 cfm/100mL Shape Circle Description	EX EX EX EX Hair To be sent to Lab or to Te Te Te Diameter/Dimension 10 Indicator Description EX	Equipment XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 An Test Strips An Test Strips An Test Strips CHEMES Detergents Kit K-9400 Do be sent to lab Do be sent to lab Do be sent to lab In Water: With Sediment; No Materia No Submerged In Water: No Submerged In Water: No The Company of the
Specific Salitation Surfice Salitation Surfice Enterocc Phos SECTION 3B: II Location Inlet Pipe No. 2 SECTION 3B: II Floatables (II SECTION 3B: II Sam Temper	sple Date/Time: Parameter	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.5 mg/L > 215 cfu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks	EX EX EX EX EX EX EX Hit To be sent to Lab or t Te Te Te Diameter/Dimension 10 Indicator Description EX	Equipment Severity Equipment XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 And Institute Insti
Specific Sali Ch Am Surfic E.co Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: II SECTION 3B: II SECTION 3B: II Temper	sple Date/Time: Parameter Parameter Parature (degrees F) pH Conductivity (uS) linity (ppm S) lorine (ppm) monia (mg/L) factants (mg/L) factan	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	2 Reporting Umit 20.5 mg/L 20.25 mg/L 20.25 mg/L 23.5 cfu/100mL 261 cfu/100mL Shape C1rcle Description Typical EPA Benchmarks 2 Reporting Umit 2 Reporting Umit	EX E	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ach Test Strips Ach Test Strips CHEMETS Detergents Kit K-9400 obe sent to lab obe sent to
Specific Sali Ch Ami Surfi E.coi Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I Am Temper	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S) horine (ppm) monia (mg/L) factants (mg/L) disc(w/100mL) sphorus (mg/L) sphorus (mg/L) (NLET PIPE NO. 2 ASSE Upstream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indicator Odor Loor Sphorus (mg/L) In Interpreted (mg/L) Interp	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.5 mg/L > 20.5 mg/L > 215 du/100mL > 61 du/100mL Shape Circle Description Typical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.5 mg/L	EX EX EX EX His To be sent to Lab or or Te Te Diameter/Dimension 10 Indicator Description E E E E E E E E E E E E E E E E E E	Equipment XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 XTECH ECS00 An Test Strips ach Test Strips ach Test Strips CHEMES Detergents Kit K-9400 be sent to lab ob es ent to lab InWater: No With Sediment; No service Severity Equipment XTECH ECS00
Temper Specific Sali Ch Am Surf. E.co Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I Floatables (I) SECTION 3B: I Floatables (C) SECTION 3B: I Ch Am Surf.	sple Date/Time: Parameter Parameter Parature (degrees F) pH Gonductivity (uS) linity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L) Indicator CB-1866 INLET PIPE NO. 2 ASSI Upstream Asset ID Depositis Pool Qt Pipe Aligae hysical indicators suggest an is Inlet Pipe N INLET PIPE NO. 2 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM sple Date/Time: Parameter Parameter Parature (degrees F) pH c Coductivity (uS) linity (ppm S) hlorine (ppm) factants (mg/L) factants (mg/L)	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	2 Reporting Umit 20.5 mg/L 20.25 mg/L 20.25 mg/L 23.5 cfu/100mL 261 cfu/100mL Shape C1rcle Description Typical EPA Benchmarks 2 Reporting Umit 2 Reporting Umit	EXEMPLE AND ADDRESS OF THE PROPERTY OF THE PRO	KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 KTECH EC500 Ach Test Strips Ach Test Strips CHEMETS Detergents Kit K-9400 obe sent to lab obe sent to
Temper Specific Sali Ch Am Surfrice Ecol Enterocc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I SECTION 3B: I Temper Specific Specific Specific Sali Ch Am Surfrice Specific Sali Ch Am Surfrice Ecol	sple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S) horine (ppm) monia (mg/L) factants (mg/L) disc(w/100mL) sphorus (mg/L) sphorus (mg/L) (NLET PIPE NO. 2 ASSE Upstream Asset ID CB-1866 INLET PIPE NO. 2 PHY Indicator Odor Loor Sphorus (mg/L) In Interpreted (mg/L) Interp	CT DESCRIPTION Material Vatrified Clay SICAL INDICATORS tor Image Stains Stains	Clock Postlon (Ou 12: Ling Assets) and (Yes/No)	tilet Pipe at 6:00) 00 ndicator Present? None None None None No	2 Reporting Limit 20.5 mg/L 20.5 mg/L 215.5 fu/J 100mL 361 cfu/J 100mL Shape Circle Description Typical EPA Benchmarks 2 Reporting Limit 2 Reporting Limit 2 0.5 mg/L 20.25 mg/L 20.25 mg/L	EX E	Equipment Severity Equipment XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 An in. Submerged Submerge

	INLET PIPE NO. 3 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water: No
et Pipe No. 3	unknown	Vitrified Clay	1:00	Circle	10 In Water: No With Sediment: No
TION 3C: 1	INLET PIPE NO. 3 PHYS	SICAL INDICATORS			
	Indicat		Indicator Present?		Indicator Description
	Asset Dar		None		
	Deposits/S		None		
_	Pool Qu Pipe Algae/		None None		
*Do n		llicit discharge is present (Y/N):	No		
200	Is Inlet Pipe No.		No		Estimated GPM:
TION 1C. I		SICAL INDICATORS (ALL FLOWI			
HON SC.	Indicator	Indicator Present (Yes		Description	Severity
	Odor				
	Color				
	Turbidity			•	
Floatables (I	Does Not Include Trash)			T	· · · · · · · · · · · · · · · · · · ·
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
	nple Date/Time:				
	Parameter erature (degrees F)	Re	sult	Typical EPA Benchmarks	Equipment EXTECH EC500
Tempe	pH				EXTECH EC500
Specific	c Conductivity (uS)				EXTECH EC500
	linity (ppm S)				EXTECH EC500
	hlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	nmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL) coccus (cfu/100mL)			> 235 cft/100mL > 61 cft/100mL	To be sent to lab To be sent to lab
	osphorus (mg/L)			- or cractoonit	To be sent to lab
- 110					
TION 3D: 1	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Pipe No. 4	11 11 11				In Water: With Sediment:
	TAIL DEPOSIT AND A PROPERTY	TICLE INDICATORS	the second second		[11.00.38000000]
TION 3D: I	INLET PIPE NO. 4 PHYS Indica		Indicator Present?		Indicator Description
_	Asset Da		Indicator Present.		indicator Description
	Deposits/2				
	Pool Qu	ality			
	Pipe Algae/				
*Do p	ohysical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N):			Estimated GPM:
	The second secon	the state of the s			Estinate OTAL
CTION 3D:	INLET PIPE NO. 4 PHYS Indicator	Indicator Present (Yes		Description	Severity
	Odor	Indicator Freschi (1e)	5(10)	Description	Sartany
	Color				
	Turbidity				
Floatables (I					
	Does Not Include Trash)				
CTION 3D:	INLET PIPE NO. 4 SAM	PLING/TESTING RESULTS (ALL I	FLOWING ASSETS)		
CTION 3D: Sam	INLET PIPE NO. 4 SAM uple Date/Time:				
CTION 3D: Sam	INLET PIPE NO. 4 SAM nple Date/Time: Parameter		FLOWING ASSETS)	Typical EPA Benchmarks	Equipment
CTION 3D: Sam	INLET PIPE NO. 4 SAM inple Date/Time: Parameter erature (degrees F)			Typical EPA Benchmarks	
San Tempe	INLET PIPE NO. 4 SAM nple Date/Time: Parameter			Typical EPA Benchmarks	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
CTION 3D: San	INLET PIPE NO. 4 SAM mple Date/Time: Parameter erature (degrees F) pH				Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
CTION 3D: Sam Tempe Specific Sa CI	INLET PIPE NO. 4 SAM uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S) chlorine (ppm)			≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Tempe Specific Sa Ct	INLET PIPE NO. 4 SAM uple Date/Time: Parameter erature (degrees F) pH sc Conductivity (uS) alinity (ppm S) Tablorine (ppm) umonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Sam Tempe Specific Sa Ci An Sur	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH sc Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L)			≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Sam Tempe Specific Sa Cr An Sur E.ce	INLET PIPE NO. 4 SAM uple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (ppm S) 'blorine (ppm) ummonia (mg/L) fractonts (mg/L) oli (rfu1f0mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEM Edergents Kit K-9400 To be sent to lab
Sam Tempe Specific Sa Cl An Sur E.c. Enteroo	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Parameter Parature (degrees F) pH sc Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L)			≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Tempe Specific Sa CCI An Sur E.c. Enterool	INLET PIPE NO. 4 SAM mple Date/Time: Parameter erature (degrees F) pII c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) fractant (mg/L) coccus (cfu/100mL) coccus (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
Sarr Tempe Specific Sa Cr An Sur E.cc	INLET PIPE NO. 4 SAM mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (ppm S) chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu100mL) scoccus (cfu/100mL) saphorus (mg/L) INLET PIPE NO. 5 ASSE	T DESCRIPTION	rsult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab
Tempe Specific Sa CI An Sur Enteroc Pho	INLET PIPE NO. 4 SAM uple Date/Time: Parameter erature (degrees F) pH c conductivity (uS) alinity (ppm S) blorine (ppm) ummonia (mg/L) relictactants (mg/L) relictactants (mg/L) coccus (cfu/100mL) osphorus (mg/L)	Re		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cful 100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged
Sam Tempe Specific Sam Cl An Sur E.c.c. Enterocapho	INLET PIPE NO. 4 SAM mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (ppm S) chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu100mL) scoccus (cfu/100mL) saphorus (mg/L) INLET PIPE NO. 5 ASSE	T DESCRIPTION	rsult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
Saurant Tempe Specific Saurant Tempe Specific Saurant Surant Exception Surant Exterior Enteroor Phonocentric State Saurant Surant Suran	INLET PIPE NO. 4 SAM upple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (ppm S) 'blorine (ppm) ummonia (my/L) coli (cfu/100mL) coccos (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID	T DESCRIPTION Material	rsult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Submerged
San Tempe Specific San CCI An Sur Execution Enteroro Pho CTION 3E: Location et Pipe No. 5	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Parameter Parameter Parameter Parameter Parameter Pill Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) odi (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY:	T DESCRIPTION Material SICAL INDICATORS	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment.
San Tempe Specific San CCI An Sur Execution Enteroro Pho CTION 3E: Location et Pipe No. 5	INLET PIPE NO. 4 SAM uple Date/Time: Parameter resture (degrees F) pil c conductivity (uS) aliaity (ppm S) hiborine (ppm) mmonia (mg/L) rfactants (mg/L) rfactants (mg/L) conceus (rfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica	T DESCRIPTION Material SICAL INDICATORS	rsult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
San Tempe Specification San Tempe Specification San Ci An Sur Exteror Pho CTION 3E: Location et Pipe No. 5	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Parameter Parameter Parameter Parameter Parameter Pill Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) odi (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY:	T DESCRIPTION Material SICAL INDICATORS tor mage	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment.
San Tempe Specification San Tempe Specification San Ci An Sur E.cc Enteror Pho CCTION 3E: Location Let Pipe No. 5	INLET PIPE NO. 4 SAM uple Date/Time: Parameter restaure (degrees F) pil c conductivity (uS) alianty (ppm S) hiborine (ppm) mmonia (mg/L) rfactants (mg/L) rfactants (mg/L) coccus (rfu100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset Da Deposits/ Paol Qu Paol Coccus Paol Qu	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment.
Sam Tempe Specific Sam Ci Sam Sur E.c. Enterore Pho CTION 3E: Location et Pipe No. 5	INLET PIPE NO. 4 SAM uple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment.
Sam Tempe Specific Sam Ci Sam Sur E.c. Entercore Pho CTION 3E: Location Let Pipe No. 5 CTION 3E:	INLET PIPE NO. 4 SAM uple Date/Time: Parameter restaure (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (rfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset Da Deposity Paol Que Pipe Algae physical indicators suggest an	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illiett discharge is present (V/N):	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Submerged In Water: With Sediment,
Sam Tempe Specific Sam Tempe Specific Sam Ci An Sur E.c. Enteroc Pho CTION 3E: Location et Pipe No. 5 CTION 3E:	INLET PIPE NO. 4 SAM mple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) saphorus (mg/L) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Leposity pol Qu pipe Algae physical indicators suggest an Is Inlet Pipe No.	T DESCRIPTION Material SICAL INDICATORS for mage Salins ality Growth Illicit discharge is present (V/N): .5 Flowing?	Clock Postion (Outlet Pipe at 6:09) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Diameter/Dimension (in.) Diameter/Dimension (in.) Submerged In Water: With Sediment.
Sam Tempe Specific Sam Tempe Specific Sam Ci An Sur E.c. Enteroc Pho CTION 3E: Location et Pipe No. 5 CTION 3E:	INLET PIPE NO. 4 SAM mple Date/Time: Parameter erstature (degrees F) pH c Conductivity (uS) alianity (ppm S) Taborine (ppm) mmonia (mg/L) Tollorine (ppm) mmonia (mg/L) Tollorine (ppm) mmonia (mg/L) Tollorine (ppm) Tollorine (ppm) Tollorine (ppm) Tollorine (ppm) Tollorine (ppm) Tollorine (ppm) Tollorine To	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illiett discharge is present (V/N):	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfш/100mL > 61 cfш/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment.
Sam Tempe Specific Sam Tempe Specific Sam Ci An Sur Encroe Pho TION 3E: Location et Pipe No. 5 TION 3E: *Do p	INLET PIPE NO. 4 SAM mple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) saphorus (mg/L) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Leposity pol Qu pipe Algae physical indicators suggest an Is Inlet Pipe No.	T DESCRIPTION Material SICAL INDICATORS tor mage Stains illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 20.35 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Observe to lab Indicator Description Estimated GPM:
TION 3D: Sam Tempe Specific Sa Ci An Sur E.c. Enteroc Pho TION 3E: Location of Pipe No. 5 *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Parameter Parameter Parameter (conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (rfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits: Pool Qu IPP Algae physical indicators suggest an is Inlet Pipe No. 5 PHY: Indicator Odor Color	T DESCRIPTION Material SICAL INDICATORS for mage Stains illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfw/100mL > 61 cfw/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Observe to lab Indicator Description Estimated GPM:
TION 3D: Sam Tempe Specific Sa CI An Sur E.c. Entercore Pho TION 3E: *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) obli (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits' Pool Qu Fipe Algae physical indicators suggest an Is Inlet Pipe NO. 5 PHY: Indicator United Pipe NO. 5 PHY: Indicator United Pipe NO. 5 PHY: Indicator United Pipe NO. 5 PHY: Indicator Color Color Cubric Turbidity	T DESCRIPTION Material SICAL INDICATORS for mage Stains illigit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 20.35 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab Observe to lab Indicator Description Estimated GPM:
TION 3D: Sam Tempe Specific Sam Ci An Sur Enteroc Pho TION 3E: Location et Pipe No. 5 TION 3E: *Do p	INLET PIPE NO. 4 SAM pple Date/Time: Parameter rature (degrees F) pH ic Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) sosphorus (mg/L) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae physical indicators suggest an is Inlet Pipe NO. 5 PHY: Indicator Odor Color Turbidity (Does Not Include Trash)	T DESCRIPTION Material SICAL INDICATORS for mage Salins ality Growth Illicit discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:09) Indicator Present? ING ASSETS) s/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfw/100mL > 61 cfw/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Pliameter/Dimension (in.) Diameter/Dimension (in.) Submerged In Water: With Sediment: Indicator Description Estimated GPM:
Tempe Specific Sam Tempe Specific Sa CI An Sur E.c. Entercore Pho TION 3E: Location et Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS for mage Stains illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	Clock Postion (Outlet Pipe at 6:09) Indicator Present? ING ASSETS) s/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfw/100mL > 61 cfw/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Pliameter/Dimension (in.) Diameter/Dimension (in.) Submerged In Water: With Sediment: Indicator Description Estimated GPM:
Sam Tempe Specific Sa CI Ann Sur Exercite Entercore Pho CTION 3E: *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (V/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Estimated GPM: Estimated GPM:
TION 3D: Sam Tempe Specific Sam Ci An Sur Enteroc Pho TION 3E: Location et Pipe No. 5 TION 3E: *Do p	INLET PIPE NO. 4 SAM pile Date/Time: Parameter rature (degrees F) pil c Conductivity (uS) alinity (ppm S) hiborine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) sosphorus (mg/L) inlet Pipe NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposity Pool Qu Pipe Algae physical indicators suggest an is Inlet Pipe NO. 5 PHY: Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time:	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:09) Indicator Present? ING ASSETS) s/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfw/100mL > 61 cfw/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab Pliameter/Dimension (in.) Diameter/Dimension (in.) Submerged In Water: With Sediment: Indicator Description Estimated GPM:
Sam Tempe Specific Sam Tempe Specific Sam Ci An Sur Enteroc Pho CTION 3E: Location tet Pipe No. 5 CTION 3E: *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment: Indicator Description
Samura Specific Samura Specific Samura Samura Specific Samura Sam	INLET PIPE NO. 4 SAM uple Date/Time: Parameter retature (degrees F) pil c Conductivity (uS) aliaity (ppm S) hiborine (ppm) mmonia (mg/L) rfactants (mg/L) rfactants (mg/L) rfactants (mg/L) rfactants (mg/L) conceus (rfu/100mL) sophorus (rmg/L) sophorus (rmg/L) sophorus (rmg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposits: Pool Qu Pipe Algae physical indicators suggest an Is Inlet Pipe No INLET PIPE NO. 5 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mpile Date/Time: Parameter serature (degrees F) pH ic Conductivity (uS)	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water: With Sediment: Indicator Description Estimated GPM:
Tempe Specific Sam Tempe Specific Sam Ci Sam Sur E.c. Entercor Pho CTION 3E: *Do p *Do p CTION 3E: Floatables (CTION 3E: Sam Tempe Specific Sam Sur Sur E.c. Entercor Pho CTION 3E: *Do p	INLET PIPE NO. 4 SAM uple Date/Time: Parameter Paramete	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L 2 325 cfw100mL > 61 cfw100mL Shape Description Typical EPA Benchmarks	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab To be sent to la
Tempe Specific Sam Tempe Specific Sam Tempe Specific Sam Sur E.c. Can	INLET PIPE NO. 4 SAM uple Date/Time: Parameter reature (degrees F) pH sc Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) obli (rfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHY: Indica Asset Da Deposity: Pipe Algae physical indicators suggest an is Inlet Pipe NO. 5 PHY: Indicator United Pipe NO. 5 PHY: Indicator Inlet Pipe NO. 5 PHY: Indicator Upstream Asset ID Septimes (asset Date Deposity Pool Qu Fipe Algae physical indicators suggest an is Inlet Pipe NO. 5 PHY: Indicator United Pipe NO. 5 PHY: Indicator United Pipe NO. 5 SAM mple Date/Time: Parameter retature (degrees F) pH ic Conductivity (uS) alinity (ppm S) horine (ppm)	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cmg/L > 2.35 cmg/L > 61 cfs/100mL Shape Description Typical EPA Benchmarks ≥ Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In Water With Sediment Equipment Severity Equipment Extended GPM:
CTION 3D: Sam Tempe Specific Sa CI An Sur E.c. Enterou Pho CTION 3E: Location let Pipe No. 5 CTION 3E: Floatables (I CTION 3E: San Tempe Specific Si CC Att	INLET PIPE NO. 4 SAM uple Date/Time: Parameter rature (degrees F) pH ic conductivity (uS) alinity (ppm S) hibrine (ppm) mmonia (mg/L) rfactanta (mg/L) Intert PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Deposity Pool Qu Pipe Algae physical indicators suggest an is Inlet Pipe NO is Inlet Pipe NO. 5 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter rerature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Zhlorine (ppm) mmonala (mg/L)	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 20.35 cfu 100mL > 61 cfu 100mL Shape Description Typical EPA Benchmarks	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab In water With Sediment. Indicator Description Equipment EXTECH EC500
TION 3D: Sam Tempe Specific Sam CI Ann Sur E.c. Entercore Pho CTION 3E: *Do p *Do p CTION 3E: Floatables (CTION 3E: Floatables (CTION 3E: CTION	INLET PIPE NO. 4 SAM uple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfw100mL > 61 cfw100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab Equipment Extence Extence GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
CTION 3D: Sam Tempe Specific Sam CTION 3E: Sam Tempe Specific Sam Sur Sur Sur Sur CTION 3E: CTION 3E: CTION 3E: Sam Tempe Specific Sam Sur CTION 3E: CTION 3	INLET PIPE NO. 4 SAM uple Date/Time: Parameter rature (degrees F) pH ic conductivity (uS) alinity (ppm S) hibrine (ppm) mmonia (mg/L) rfactanta (mg/L) Intert PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID Deposity Pool Qu Pipe Algae physical indicators suggest an is Inlet Pipe NO is Inlet Pipe NO. 5 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter rerature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Zhlorine (ppm) mmonala (mg/L)	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illicit discharge is present (Y/X): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye PLING/TESTING RESULTS (ALL I	Clock Postion (Outlet Pipe at 6:00) Indicator Present? ING ASSETS) #/No)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 20.35 cfu 100mL > 61 cfu 100mL Shape Description Typical EPA Benchmarks	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to lab In water With Sediment. Indicator Description Equipment EXTECH EC500

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
nlet Pipe No. 6					In V	Vater:
nlet Pipe No. 6					Wit	h Sediment:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do pl	hysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flor	wing?			Estimated 0	GPM:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	ING ASSETS)			
	Indicator	Indicator Present (Ye	es/No)	Description	Se	verity
	Odor					
	Color					
	Turbidity					
Floatables (I	Turbidity Does Not Include Trash)	G/TESTING RESULTS (ALL)	FLOWING ASSETS)			•
Floatables (I ECTION 3F; I Sam	Turbidity Does Not Include Trash)	G/TESTING RESULTS (ALL)	FLOWING ASSETS)	Typical EPA Benchmarks	Equipment	
Floatables (I ECTION 3F: I Sam	Turbidity Does Not Include Trash) NLET PIPE NO. 6 SAMPLINg ple Date/Time:	G/TESTING RESULTS (ALL)			EXTECH ECS	00
Floatables (I ECTION 3F: 1 Sam Tempe	Turbidity Joes Not Include Trash) NLET PIPE NO. 6 SAMPLING pile Date/Time: Parameter rature (degrees F) pH	G/TESTING RESULTS (ALL)			EXTECH ECS EXTECH ECS	00
Floatables (I ECTION 3F: I Sam Tempe	Turbidity Joes Not Include Trash) NLET PIPE NO. 6 SAMPLIN upple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	G/TESTING RESULTS (ALL)			EXTECH ECS EXTECH ECS EXTECH ECS	00 00 00
Floatables (I ECTION 3F: I Sam Tempe	Turbidity Joes Not Include Trash) NLET PIPE NO. 6 SAMPLING pile Date/Time: Parameter rature (degrees F) pH	G/TESTING RESULTS (ALL)			EXTECH ECS EXTECH ECS	00 00 00
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sa	Turbidity Joes Not Include Trash) NLET PIPE NO. 6 SAMPLIN upple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	G/TESTING RESULTS (ALL)		Typical EPA Benchmarks ≥ Reporting Limit	EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS Hach Test Str	00 00 00 00 00 00
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sai	Turbidity Does Not Include Trash) NLET PIPE NO. 6 SAMPLIN uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linity (ppm S)	G/TESTING RESULTS (ALL)		Typical EPA Benchmarks 2 Reporting Umit 2.0.5 mg/L	EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS Hach Test Stri Hach Test Stri	00 00 00 00 00 ps
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sa CI	Turbidity oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN: ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) Blinty (ppn S) olorine (ppn)	G/TESTING RESULTS (ALL)		Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS Hach Test Sun Hach Test Sun To be sent to Lab or C'HEMEts D	00 00 00 00 00 ps ps etergents Kit K-9400
Floatables (I ECTION 3F; 1 Sam Tempe Specific Sa CI Am Suri	Turbidity Does Not Include Trash) NILET PIPE NO, 6 SAMPLIN ple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) litality (pun S) blorine (ppm) smonla (mg/L)	G/TESTING RESULTS (ALL)		Typical EPA Benchmarks 2 Reporting Umit 2 0.5 mg/L 2 0.25 mg/L > 235 cful 100mL	EXTECH ECS EXTRICH ECS EXTRICH ECS EXTRICH ECS Hach Test Sur Hach Test Sur To be sent to Lab or CHEMets D To be sent to Lob	00 00 00 00 ps ps etergents Kit K-9400 ab
Floatables (I ECTION 3F; I Sam Tempe Specific Sa CI Am Surri E.cc Enteroc	Turbidity Does Not Include Trash) NLET PIPE NO. 6 SAMPLIN pipel Date/Time: Parameter parture (degrees F) pH Conductivity (uS) linity (ppm S) alorine (ppm) numonia (mg/L) factants (mg/L)	G/TESTING RESULTS (ALL)		Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS EXTECH ECS Hach Test Sur To be sent to Lab or C'HEMEs.	00 00 00 00 00 ps ps ps etergents Kit K-9400 ab

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	Control of the Contro							N		
	ACKGROUND DATA	باستحد								
ASSET ID:	CB-1867					OUTFALL ID				
Date/Time:	2019-08-21 11:19:00									
	-						Carrie Prescott Andres H	furtado Samuel Marine	z Zebulan Day Pedro	
Temperature: °F						Inspector(s):	Rosario Erin McGuire Eve	Llynn Cousey		
Street Name/Stru		Cross Country				To the second				
Previous Pre	cipitation Date/End Time:	2019-08-18 22:15	5:00		Amount (inches):	0.37	U. 20 0 0 10 10 10	DOMESTIC AND ADDRESS.	X-100	
Pictures										
4										
SECTION 2: O	OUTLET PIPE ASSET DES	SCRIPTION								
Location	CB Interior Conc	ition		Material			Shape	Diameter/Dir	nension (in.)	Submerged
			Dalafassa	Consessed			Circle	11		Water No
CB Outlet Pipe	Fair		Reinforced	Concrete			Circle		Wit	th Sediment: Partially
Onem on a	THE PER PURP NO. 1 ACCOUNT	T DECCRIPTION	N.							
	INLET PIPE NO. 1 ASSE			Chair a con	A Dies of Com		C)	le:	eter/Dimension (in V	Suhmarand
Location	Upstream Asset ID	N	laterial	Clock Postion (Outle	et Pipe at 6:00)		Shape	Diam	eter/Dimension (in.)	Submerged Water
Inlet Pipe No. 1	CB-9517	Vitrified Clay		9:00			Circle			Water: No th Sediment: No
					-				WI	n Scument, INO
SECTION 3A:	INLET PIPE NO. 1 PHYS		TORS							
	Indicat			Ind	icator Present?			Indicat	or Description	
	Asset Dan	nage			None					
	Deposits/S	tains			None					
	Pool Qua	dity			None					
	Pipe Algae/O	Growth			None					
*Do	physical indicators suggest an il		resent (Y/N):		No					
	Is Inlet Pipe No.				No				Estimated	GPM:
CHCTTON 24	INLET PIPE NO. 1 PHYS	ICAL INDICAL	PODE / ALL PLOWE	NC ACCUTES		1000				
SECTION 3A:		ICAL INDICA					Description		e.	everity
	Indicator		Indicator Present (Yes	(No)			Description		3	rventy
	Odor									
	Color									
	Turbidity						•			
Floatables ((Does Not Include Trash)									
SECTION 3A:	INLET PIPE NO. 1 SAMI	PLING/TESTIN	G RESULTS (ALL F	LOWING ASSETS)						
Sar	mple Date/Time:									
	Parameter		Re	sult		Тур	ical EPA Benchmarks		Equipmen	t
Temp	perature (degrees F)								EXTECH EC	500
	pH								EXTECH EC	500
Specif	fic Conductivity (uS)								EXTECH EC	500
	Salinity (ppm S)								EXTECH EC	500
	Chlorine (ppm)						≥ Reporting Limit		Hach Test Str	rips
							≥ 0.5 mg/L		Hach Test Str	
	mmonia (mg/L)					-		T. L.	sent to Lab or CHEMets I	
	rrfactants (mg/L)						≥ 0.25 mg/L	10 00	To be sent to	
	coli (cfu/100mL)					-	> 235 cfu/100mL		To be sent to	
	ococcus (cfu/100mL)						> 61 cfu/100mL		To be sent to	
Ph	osphorus (mg/L)							-	16 be sent to	140
SECTION 3B:	INLET PIPE NO. 2 ASSE	T DESCRIPTIO	ON							
Location	Upstream Asset ID		Material	Clock Postion (Out	et Pipe at 6:00)		Shape	Dian	eter/Dimension (in.)	Submerged
Description of the Control of the Co									ln.'	Water:
Inlet Pipe No. 2										ith Sediment:
		ICH INDICH	cone			A CONTRACTOR OF THE PARTY OF TH				
SECTION 3B:	INLET PIPE NO. 2 PHYS		LOND	1	lianter December			India.	tor Description	
	Indicat			Inc	licator Present?			inuica	seesapuon	
-	Asset Da									
	Deposits/S									
	Pool Qu									
-	Pipe Algae/ physical indicators suggest an i		recent (V/N):							
*Do			resent (Y/N):	-					Estimated	GPM:
-	Is Inlet Pipe No								Estimated	
SECTION 3B:	: INLET PIPE NO. 2 PHYS	SICAL INDICA					Was a second			
	Indicator		Indicator Present (Yes	/No)			Description		S	Severity
	Odor									
	Color									
	Turbidity		•							
	(Does Not Include Trash)									
SECTION 3B	: INLET PIPE NO. 2 SAM	PLING/TESTIN	G RESULTS (ALL F	LOWING ASSETS)						
	ample Date/Time:		4							
- 54	Parameter		De De	sult		Tvr	ical EPA Benchmarks		Equipmen	at .
Tom			, M			1,77			EXTECH EC	500
1 em	perature (degrees F)	-							EXTECH EC	
	pH So Conductivity (uS)	-				-			EXTECH EC	
	fic Conductivity (uS)	-					> Paparting Limit		EXTECH EC	
	Salinity (ppm S)	-					≥ Reporting Limit			
	Chlorine (ppm)					1	≥ Reporting Limit		Hach Test St	
A	Ammonia (mg/L)						≥ 0.5 mg/L		Hach Test St	
	urfactants (mg/L)	1					≥ 0.25 mg/L	To be	sent to Lab or CHEMets I	
	.coli (cfu/100mL)						> 235 cfu/100mL		To be sent to	
	rococcus (cfu/100mL)						> 61 cfu/100mL		To be sent to	
	hosphorus (mg/L)								To be sent to	tah

encurios ac	INTER DIDE NO. 1 COM	T DESCRIPTION							
SECTION 3C: Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outl	et Pine at 6:00)		Shape	ni.	meter/Dimension (in.)	Submerged
	Opstream Asset ID	Material	Clock Poston (Out)	et ripe at 6.00)		Snape	Dia	In Water:	Submergeu
Inlet Pipe No. 3								With Sedime	nt;
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS							
CEC HONDON	Indicate		Ind	icator Present?			Indic	ator Description	
	Asset Dan								
	Deposits/S								
	Pool Qua Pipe Algae/C								
*Do p	physical indicators suggest an ill								
	Is Inlet Pipe No.							Estimated GPM:	
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLOWI	NG ASSETS)						
	Indicator	Indicator Present (Yes			D	Pescription		Severity	
	Odor								
	Color								
Floatables (Turbidity (Does Not Include Trash)	•							
to work to all the		PLING/TESTING RESULTS (ALL F	OWING LEGETES			the second second	200		
	mple Date/Time:	LING/TESTING RESULTS (ALC.)	LOWING ASSETS)						
	Parameter	Res	ult		Typica	l EPA Benchmarks		Equipment	
Tempe	erature (degrees F)							EXTECH EC500	
	pH							EXTECH EC500 EXTECH EC500	
	ic Conductivity (uS) alinity (ppm S)							EXTECH EC500	
	Chlorine (ppm)				21	Reporting Limit		Hach Test Strips	
	mmonia (mg/L)					≥ 0.5 mg/L		Hach Test Strips	
Sur	rfactants (mg/L)					≥ 0.25 mg/L	Tob	e sent to Lab or CHEMets Detergents	Kit K-9400
	coli (cfu/100mL)					235 cfu/100mL		To be sent to lab To be sent to lab	
	osphorus (mg/L)				,	61 cfu/100mL		To be sent to lab To be sent to lab	
Pho	ospaorus (mg/L)							1,000,000,000	
SECTION 3D:	INLET PIPE NO. 4 ASSE	T DESCRIPTION							
Location	Upstream Asset ID	Material	Clock Postion (Outi	et Pipe at 6:00)		Shape	Dia	ameter/Dimension (in.)	Submerged
Inlet Pipe No. 4								In Water:	
Times Tape 1101 4								With Sedim	:nt:
SECTION 3D:	INLET PIPE NO. 4 PHYS								
	Indicat		Ind	licator Present?			India	cator Description	
	Asset Dar Deposits/S								
	Pool Qua								
	Pipe Algae/G								
*Do s	physical indicators suggest an il							Estimated GPM:	
Surgious Sandrille	Is Inlet Pipe No.		Commence of the Commence of th	1				Estimated Of M.	
SECTION 3D:		FICAL INDICATORS (ALL FLOWI				Description		Severity	
	Indicator Odor	Indicator Present (Yes	(10)			женрион		actury.	
	Color								
	Turbidity								
Floatables ((Does Not Include Trash)								
SECTION 3D:	INLET PIPE NO. 4 SAMI	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)						
Sar	mple Date/Time:				Thereton	JEDA Bandonada		Equipment	
Toma	Parameter perature (degrees F)	Re	sult		Typica	al EPA Benchmarks		EXTECH EC500	
Ttimp	pH							EXTECH EC500	
	fic Conductivity (uS)							EXTECH EC500	
	Salinity (ppm S)					Book and the N		EXTECH EC500 Hach Test Strips	
	Chlorine (ppm)					Reporting Limit ≥ 0.5 mg/L		Hach Test Strips	
	mmonia (mg/L) urfactants (mg/L)					≥ 0.25 mg/L	Tot	be sent to Lab or CHEMets Detergent	s Kit K-9400
	.coli (cfu/100mL)				>	235 cfu/100ml.		To be sent to lab	
	ococcus (cfu/100mL)				3	> 61 cfu/100mL		To be sent to lab	
Ph	hosphorus (mg/L)							To be sent to lab	
			-			2			
	: INLET PIPE NO. 5 ASSE		Clock Postion (Out	let Pine at 5:00)		Shape	Int	ameter/Dimension (in.)	Submerged
Location	Upstream Asset ID	Material	CINCK POSITION (OUT	ici i ipe ai 0.00)		ourpt.	, D.	In Water;	
Inlet Pipe No. 5								With Sedim	ent;
SECTION 3E:	INLET PIPE NO. 5 PHYS	SICAL INDICATORS							
	Indica	tor	In	dicator Present?			Indi	cator Description	
	Asset Da								
	Deposits/3								
	Pipe Algae/								
*Do		Illicit discharge is present (Y/N):							
	Is Inlet Pipe No	.5 Flowing?						Estimated GPM:	
SECTION 3E:	: INLET PIPE NO. 5 PHYS	SICAL INDICATORS (ALL FLOW	NG ASSETS)						
	Indicator	Indicator Present (Yes	/No)			Description		Severity	
	Odor Color								
	Turbidity								
	(Does Not Include Trash)								
SECTION 3E:	: INLET PIPE NO. 5 SAM	PLING/TESTING RESULTS (ALL I	LOWING ASSETS)						to the same
Sa	ample Date/Time:				-	of PD 4 Don-4		Faultment	
-	Parameter	R	esult		Typic	al EPA Benchmarks		Equipment EXTECH EC500	
Temp	perature (degrees F) pH							EXTECH EC500	
Speci	ific Conductivity (uS)							EXTECH EC500	
	Salinity (ppm S)					And the second		EXTECH EC500	
	Chlorine (ppm)				2	Reporting Limit		Hach Test Strips Hach Test Strips	
	Ammonia (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	To	be sent to Lab or CHEMets Detergen	ts Kit K-9400
	urfactants (mg/L) coli (cfu/100mL)					23.5 cfu/100mL	10	To be sent to lab	
	recoccus (cfu/100mL)					> 61 cfu/100mL		To be sent to lab	
	hosphorus (mg/L)							To be sent to lab	

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
nlet Pipe No. 6						With Sediment:
CTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	LINDICATORS	E. C. A. W. Stranger			
	Indicator		Indicator Present	?	Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do phy	ysical indicators suggest an illicit d	ischarge is present (Y/N):				
	Is Inlet Pipe No.6 Flow	wing?			Estima	ited GPM:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	LINDICATORS (ALL FLO	WING ASSETS)			
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor			•		
	Color					
7	Turbidity			•		
Floatables (Do	oes Not Include Trash)					
	ole Date/Time;	O TESTINO RESOLUTO (III	L FLOWING ASSETS)			
Samp	ole Date/Time:	or testing morphy (no		Tonical EDA Banchmarks	Favin	ment
Samp P	ole Date/Time: Parameter	O TESTINO MISSELTS (NE	Result	Typical EPA Benchmarks	Equip EXTECH	
Samp P	ole Date/Time:	or sorting resorts (res		Typical EPA Benchmarks		EC500
Samp P Tempera	ole Date/Time: Parameter ature (degrees F)			Typical EPA Benchmarks	EXTECH	EC500 EC500
Samp P Tempera Specific C	ole Date/Time: Parameter ature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500
Samp P Tempera Specific C Salir	ole Date/Time; Parameter ature (degrees F) pH Conductivity (uS)			Typical EPA Benchmarks Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500
Samp P Tempera Specific C Salir Chl	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm)				EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500 tt Strips
Samp P Tempera Specific (Salli Chl-	ole Date/Time: **arameter ature (degrees F) pH Conductivity (uS) mity (ppm S) forine (ppm) monia (mg/L)			≥ Reporting Umit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	EC500 EC500 EC500 EC500 EC500 at Strips
Samp P Tempers Specific (Salli Chle Amn	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	EC500 EC500 EC500 EC500 4 Strips 4 Strips ets Detergents Kit K-9400
Samp P Tempera Specific C Salli Chl Amn Surfa	ole Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm) monia (mg/L) loctats (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	EC500 EC500 EC500 EC500 EC500 t Strips t Strips tt Strips tt Detergents Kit K-9400 it to lab

Haverhill IDDE Inspection Form Outfall

	BACKGROUND DATA										
ASSET ID:	MR8982				01	UTFALL ID:	MR0982				
Date/Time:	2019-07-30 7:55:00										
Temperature: °I					In	spector(s):	McGuire Evelynn Cou	res Hurtado Zebula sey	Day Pedro Rosario Eri	n	
	ucture Location:	Cross Country									
Previous Pr	ecipitation Date/End Time:	2019-07-23 10:45	5:00		Amount (inches): 1.	2			-		
Pictures		The State of the S									
	OUTFALL PIPE ASSET I										
Location	Upstream Ass	et ID		Material			Shape		Diameter/Dimension (in.)		ubmerged
Outfall Pipe	DMH-Back	Ln	Vitrified Clay				Circle		24	In Water: With Sediment:	No No
100000									-		
SECTION 3: 0	OUTFALL PIPE PHYSIC Indic Asset D Deposits Pool Q	ator amage /Stains uality	S	Indi	cator Present? None None None				Indicator Description		
*Da	Pipe Algae physical indicators suggest an		erent (V/N):		None No	_					
-Do	Is Inlet Pipe N		esent (1/N):		Yes			Substantial	Esti	mated GPM:	10
1000							-	T- 100 C			
				ELECTRICAL PROPERTY.						_	
SECTION 4:	OUTFALL PIPE PHYSIC	AL INDICATOR									
	Indicator		Indicator Present (Yes	s/No)			Description			Severity	
	Odor Color	-	No No								
	Turbidity		•							Clear	
Floatables	(Does Not Include Trash)	No									

SECTION 5:	OUTFALL PIPE SAMPL	ING/TESTING R	ESULTS (ALL FLO	WING ASSETS)							
A STATE OF THE PARTY OF THE PAR	ample Date/Time:	2019-07-30 7:58									
	Parameter			esult		Typic	al EPA Benchmarks		Equip		
Tem	perature (degrees F)			5,5					EXTECH		
	pH			1.6					EXTECH		
	fic Conductivity (uS)			200					EXTECH		
	Salinity (ppm S)	-		0		-	Reporting Limit		Hach Te		
	Chlorine (ppm)			6		5	Reporting Limit ≥ 0.5 mg/L		Hach Te		
	Ammonia (mg/L) urfactants (mg/L)			0.05			≥ 0.25 mg/L		To be sent to Lab or CHEM		it K-9400
	coli (cfu/100mL)			1244		3	235 cfu/100mL		To be sen		
	rococcus (cfu/100mL)			78			> 61 cfu/100mL		To be ser	nt to lab	
	hosphorus (mg/L)		The Control of the Co						To be ser	nt to lab	
	1										
Comments:											
Signature of Inspector :	CP										

Haverhill IDDE Inspection Form Drain Manhole

	DMH-9143				OUTFALL ID	MR0982				_
	2019-07-30 8:04:00									
emperature: °F					Inspector(s):	Carrie Prescott Andres Hur McGuire Evelynn Cousey	tado Zebulan D	ay Pedro Rosario E	irin	
treet Name/Struc		RIVER RD								
Pictures	ipitation Date/End Time:	2819-07-23 10:45:88		Amount (inches):	1.2					
	F)	1				N.				
ECTION 2: Of	UTLET PIPE ASSET DE DMH Interior Co		Material			Shape	Diameter	Dimension (in.)	Submer	hand
OMH Outlet Pipe	Excellent		ied Clay			Circle	Djameter	24	In Water: No	h
									With Sediment; No	200
	INLET PIPE NO. 1 ASSE	T DESCRIPTION Material	Clock Postion (Out	tlat Pine at 6:00)		Shape	lo.	iameter/Dimension (in.) Submer	ned
Location Inlet Pipe No. 1	Upstream Asset ID CB-8732	Reinforced	9:0			Circle		12	In Water;	No
		Concrete	9:0			Chicae		**	With Sediment:	No
ECTION 3A: 1	INLET PIPE NO. 1 PHYS Indica		In	idicator Present?		-	Ind	icator Description		
	Asset Da			None			,,,,			
	Deposits/S Pool Qu			None None						
	Pipe Algae/			None						
*Do pl	physical indicators suggest an i	llicit discharge is present (Y/N):		No					Estimated GPM:	
ECTION 3A-1	Is Inlet Pipe No. 1 PHV	SICAL INDICATORS (ALL FLOW	ING ASSETS)	No					Stimated Gr.M.	
	Indicator	Indicator Present (Ye				Description			Severity	
	Odor									
-	Color Turbidity					*				
Floatables (I	Does Not Include Trash)									
	The state of the s	PLING/TESTING RESULTS (ALL	FLOWING ASSETS)						-
	nple Date/Time: Parameter	R	esult		Typi	cal EPA Benchmarks		Equ	uipment	
	erature (degrees F)							EXTE	CH EC500	
Smarific	pH ic Conductivity (uS)								CH EC500 CH EC500	
	alinity (ppm S)							EXTE	CH EC500	
	Chlorine (ppm)					≥ Reporting Limit			Test Strips Test Strips	
	mmonia (mg/L) rfactants (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	To		EMets Detergents Kit K-94	400
	roli (cfu/100mL)					> 235 cfu/100mL			sent to lab	
	osphorus (mg/L)					> 61 cfu/100mL			sent to lab	
		TOPSCHIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Ou	itlet Pipe at 6:00)		Shape	C	iameter/Dimension (
Inlet Pipe No. 2	DMH-back In	Reinforced Concrete	12:	66		Circle		24	In Water: With Sediment:	No No
SECTION 3B:	INLET PIPE NO. 2 PHY					4		licator Description		
	Indica Asset Da		li li	ndicator Present? None			Inc	nearor Description		
	Deposits/	Stains		None None						
	Pool Qu Pipe Algae			None						
*Do p	physical indicators suggest an	illicit discharge is present (Y/N):		No			tantial		Estimated GPM:	18
SECTION 1P.	Is inlet Pipe No. 2 PHV	o.2 Flowing? SICAL INDICATORS (ALL FLOW	ING ASSETS)	Yes		Subst	.a./L101		Louisian Of St.	.,
SECTION SB:	Indicator	Indicator Present (Y				Description			Severity	
	Odor	No No								
	Color	No .							Clear	
	Turbidity	No								
	(Does Not Include Trash)		FLOWING ASSETS)						
SECTION 3B:	(Does Not Include Trash) INLET PIPE NO. 2 SAM	PLING/TESTING RESULTS (ALL			Тур	ical EPA Benchmarks			uipment	
SECTION 3B:	(Does Not Include Trash)	2019-07-30 8:00:00	Result					EXT	ECH EC500	
SECTION 3B: San	(Does Not Include Trash) INLET PIPE NO. 2 SAM imple Date/Time: Parameter perature (degrees F)	2019-07-30 8:00:00	Result 70.8							
SECTION 3B: San Tempo	(Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter perature (degrees F) pH	2019-07-30 8:00:00 I	Result 70.8					EXT	ECH EC500 ECH EC500	
SECTION 3B: San Tempe	(Does Not Include Trash) INLET PIPE NO. 2 SAM imple Date/Time: Parameter perature (degrees F)	2019-07-30 8:00:00 I	Result 70.8			≥ Reporting Limit		EXTI EXTI	ECH EC500 ECH EC500 ECH EC500	
SECTION 3B: San Tempo Specifi Sc	(Does Not Include Trash) INLET PIPE NO. 2 SAM imple Date/Time: Parameter perature (degrees F) pH The Conductivity (uS)	2019-07-30 8:00:00 I	70 . 8 7 . 1 275 133 0			≥ Reporting Limit		EXTI EXTI EXTI Hach	ECH EC500 ECH EC500 ECH EC500 Test Strips	
SECTION 3B: San Tempi Specifi Sc C	(Does Not Include Tranh) INLET PIPE NO. 2 SAM mple Date/Time: Parameter parture (degrees F) pH fic Conductivity (uS) sillnity (ppm S) Collorine (ppm) mmonia (mg/L)	2815-87-30 8:88:88	Result 79.8 7.1 275 133 8 0			≥ Reporting Limit ≥ 0.5 mg/L	14.	EXTI EXTI EXTI Hach Hach	ECH EC500 ECH EC500 ECH EC500 1 Test Strips 1 Test Strips	1400
SECTION 3B: San Tempo Specifi Si C At	(Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time: Parameter Perature (degrees F) pH fic Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) trfactants (mg/L)	2815-87-30 8:88:88	70 . 8 7 . 1 275 133 0			≥ Reporting Limit	То	EXTI EXTI EXTI Hach Hach to be sent to Lab or CH	ECH EC500 ECH EC500 ECH EC500 Test Strips	1400
SECTION 3B: San Temps Specifi S: C Ar Sun E.e. Entero	(Does Not Include Tranh) INLET PIPE NO. 2 SAM mple Date/Time: Parameter parture (degrees F) pH fic Conductivity (uS) sillnity (ppm S) Collorine (ppm) mmonia (mg/L)	2819-87-30 8:89:89	Result 79.8 7.1 275 133 8 0			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	To	EXTI EXTI EXTI Hach Hach To be	ECH EC500 ECH EC500 ECH EC500 Test Strips Test Strips (EMets Detergents Kit K-9-	1400

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	21	la a la di
(TO		Reinforced		Shape	Diameter/Dimension (in.) Submerged In Water: No
let Pipe No. 3	DMH-9144	Concrete	3:00	Circle	With Sediment: No
CTION 3C: 1	INLET PIPE NO. 3 PHY	SICAL INDICATORS			
	Indica		Indicator Present?		Indicator Description
	Asset Da		None		
	Deposits/: Pool Qu		None None		
	Pipe Algae/		None		
*Do pl		llicit discharge is present (Y/N):	No		
	Is Inlet Pipe No		No		Estimated GPM:
CTION 3C: 1	INLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLOWI	ING ASSETS)		
	Indicator	Indicator Present (Yes	(No)	Description	Severity
	Odor				
	Color Turbidity			-	
	Does Not Include Trash)				
and the second second		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
ALCOHOL:	iple Date/Time:				
	Parameter	Re	esult	Typical EPA Benchmarks	Equipment
Tempe	rature (degrees F)				EXTECH EC500
	pH				EXTECH EC500
	Conductivity (uS)				EXTECH ECS00
	linity (ppm S)				EXTECH EC500
	hlorine (ppm)			≥ Reporting Limit	Hach Test Strips Hach Test Strips
	nmonia (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	factants (mg/L) oli (cfu/100mL)	-		> 235 cft/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
	coccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
	sphorus (mg/L)				To be sent to lab
and the same					
TION 3D: I	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
let Pipe No. 4					In Water: With Sediment:
	INTERNITOR OF TAXABLE	NO. I PRINCIPOR	1		with Sediment.
CTION 3D: I	INLET PIPE NO. 4 PHY:	TOTAL PROPERTY OF THE PARTY OF			In November 1 and
	Indica Asset Da		Indicator Present?		Indicator Description
	Deposits/				
	Pool Qu				
- 9	Pipe Algae/				
*Do pl		llicit discharge is present (Y/N):			
	Is Inlet Pipe No				Estimated GPM:
ECTION 3D: 1	INLET PIPE NO. 4 PHY	SICAL INDICATORS (ALL FLOW	ING ASSETS)		
	Indicator	Indicator Present (Yes	s/No)	Description	Severity
	Odor				
	Color				
Floatables /I	Turbidity Does Not Include Trash)				
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
25-25-25-25-25-25-25-25-25-25-25-25-25-2	nple Date/Time:	Tenno restrict research (inc.			
	Parameter	Re	esult	Typical EPA Benchmarks	Equipment
	erature (degrees F)				EXTECH EC500
	pН				EXTECH EC500
	c Conductivity (uS)				EXTECH EC500
Sa	dinity (ppm S)				EXTECH EC500
	hlorine (ppm)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
	nmonia (mg/L)				To be sent to Lab or CHEMets Detergents Kit K-9400
	factants (mg/L)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to lab
	oli (cfu/100mL) coccus (cfu/100mL)	1		> 61 cfu/100mL	To be sent to lab
	osphorus (mg/L)				To be sent to lab
CTION 3E-	INLET PIPE NO. 5 ASSE	T DESCRIPTION			
CHOM SEA	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Location					In Water: With Sediment:
Location					with Sediment.
Location let Pipe No. 5	De la companya de la	SICAL INDICATORS			L. D. G. B. Station
Location let Pipe No. 5	INLET PIPE NO. 5 PHY		Indicator Present?		Indicator Description
Location let Pipe No. 5	Indica				
Location alet Pipe No. 5	Indica Asset Da	ımage			
Location nlet Pipe No. 5	Indica Asset Da Deposits:	umage Stains			
Location alet Pipe No. 5	Indica Asset Da Deposits Pool Qu	image Stains iality			
Location Let Pipe No. 5 CCTION 3E:	Indica Asset Di Deposits: Pool Qi Pipe Algae obysical Indicators suggest an	mage Stains stailty Growth fillicit discharge is present (Y/N):			
Location llet Pipe No. 5 CCTION 3E: *Do p	Indica Asset Da Deposits Pool Qi Pipe Algae obysical Indicators suggest an Is Inlet Pipe N	mage Stains tality (Growth Illicit discharge is present (Y/N): 0.5 Flowing?			Estimated GPM:
Location let Pipe No. 5 CTION 3E: *Do p	Indica Asset Da Deposits Pool Qu Pipe Algae ohysical indicators suggest an Is Inlet Pipe No. 5 PHY INLET PIPE NO. 5 PHY	mage Stains Jality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW			
Location llet Pipe No. 5 CCTION 3E: *Do p	Indica Asset D: Deposits: Pool Q Pipe Algae ohysical indicators suggest an Is Inlet Pipe N: INLET PIPE NO. 5 PHY Indicator	mage Stains tality (Growth Illicit discharge is present (Y/N): 0.5 Flowing?		Description	Estimated GFM: Severity
Location let Pipe No. 5 CTION 3E: *Do p	Indica Asset Di Depositiva Pool Qu Pipe Algae ohysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor	mage Stains Jality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW		Description	
Location let Pipe No. 5 CTION 3E: *Do p	Indica Asset Di Deposits Pool Qi Pipe Algae physical indicators suggest an Is Inlet Pipe N INLET PIPE NO. 5 PHY Indicator Odor	mage Stains Jality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW		Description	
Location let Pipe No. 5 CTION 3E: *Do p	Indica Asset D: Deposits Pool Qt Pipe Algae ohysical Indicators suggest an Is Inlet Pipe N. INLET PIPE NO. 5 PHY Indicator Odor Color Turbidity	mage Stains Jality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW			
Location let Pipe No. 5 CCTION 3E: *Do p CCTION 3E: Floatables (Indica Asset Di Depositis Pool Qi Pipe Algae shiysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash)	Image Stalins Jality Growth Micit discharge is present (Y/N): .5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	es/No)		Severity
Location det Pipe No. 5 CCTION 3E: 'Do p CCTION 3E: Floatables (CCTION 3E:	Indica Asset Di Depositive Pool Qu Pipe Algae shysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Cotor Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM	mage Stains Jality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW	es/No)		Severity
Location let Pipe No. 5 CCTION 3E: 'Do p CCTION 3E: Floatables (CCTION 3E:	Indica Asset D: Deposits Pool Qv Pipe Algae obsysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time:	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)		Severity
Location let Pipe No. 5 CCTION 3E: *Do p CCTION 3E: Floatables (CCTION 3E: San	Indica Asset Di Depositiss Pool Qi Pipe Algae ohysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	es/No)		Severity Equipment EXTECH EC500
Location let Pipe No. 5 CCTION 3E: CCTION 3E: CCTION 3E: CCTION 3E: San Tempi	Indica Asset Di Deposits Pool Qu Pipe Algae ohysical indicators suggest an Is Inlet Pipe N. INLET PIPE NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)		Equipment EXTECH EC500 EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (CCTION 3E: San Tempo	Indica Asset Di Depositiss Fool Qi Pipe Algae Ohysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH it (conductivity (uS)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)		Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
Location let Pipe No. 5 CTION 3E: *Do p CTION 3E: Floatables (c.CTION 3E: San Tempos Speciff Si	Indica Asset Di Depositive Pool Qu Pipe Algae Shysical Indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter ereature (degrees F) pH ic Conductivity (uS) alinity (ppm S)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks	Severity
Location let Pipe No. 5 CTION 3E: CTION 3E: CTION 3E: CTION 3E: Sam Temp Specifi Sci	Indica Asset Di Deposits Pool Qi Pipe Algae ohysical indicators suggest an Is Inlet Pipe N. INLET PIPE NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks Typical EPA Benchmarks ≥ Reporting Umit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Location let Pipe No. 5 CCTION 3E: CCTION 3E	Indica Asset Di Depositis Pool Qi Pipe Algae ohysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH de Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonals (mg/L)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting timit ≥ 0.5 mg/t	Equipment Extech Ec500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Location let Pipe No. 5 ECTION 3E: *Do p *Comparison of the comparison of the comp	Indica Asset D: Deposits Pool Qe Pipe Algae obsysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH ie Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
Location left Pipe No. 5 CCTION 3E: CCTION 3E: CCTION 3E: CCTION 3E: CCTION 3E: San Templ Specifi Si CC AA Sur E.	Indica Asset Di Depositis Pool Qi Pipe Algae ohysical indicators suggest an Is Inlet Pipe NO. 5 PHY Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAM mple Date/Time: Parameter erature (degrees F) pH de Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonals (mg/L)	Image Stalins Jality Growth Illicit discharge is present (Y/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW Indicator Present (Ye	FLOWING ASSETS)	Typical EPA Benchmarks ≥ Reporting timit ≥ 0.5 mg/t	Equipment Extech Ec500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips

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Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
let Pipe No. 6						In Water:
act tipe ito.						With Sediment:
CTION 3F: I	NLET PIPE NO. 6 PHYSICAI	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do ph	hysical indicators suggest an illicit d					
Water and the Control	Is Inlet Pipe No.6 Flow				Estir	mated GPM:
CTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	L INDICATORS (ALL FLOW				
	Indicator	Indicator Present (Ye	s/No)	Description		Severity
	Odor					
	Color					
	Turbidity			•		
	Ooes Not Include Trash)					•
ECTION 3F; I	NLET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALL I	FLOWING ASSETS)			
	ple Date/Time:					
				Typical EPA Benchmarks	Equipn	
	Parameter	R	esult	Typical El A Deuchinal Ki		
	rature (degrees F)	R	esult	Typical ELA Deucinialis	EXTECH	EC500
Temper	rature (degrees F) pH	R	esuit	Typical CFA Deuchidarks	EXTECH EXTECH	EC500 EC500
Temper Specific	pH Conductivity (uS)	R	esult	Typical El A Determination	EXTECH EXTECH EXTECH	EC500 EC500 EC500
Temper Specific Sali	rature (degrees F) pH Conductivity (uS) linity (ppm S)	R	esult		EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500
Temper Specific Sali Ch	rature (degrees F) pH Conductivity (uS) linity (ppm S) llorine (ppm)	R	esult	≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test	EC500 EC500 EC500 EC500 t Strips
Specific Sali Chi	rature (degrees F) pH Conductivity (uS) linity (ppm S) lorine (ppm) lmonia (mg/L)	R	esuit	≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	EC500 EC500 EC500 EC500 t Strips
Specific Sali Chi Ami	rature (degrees F) pH Conductivity (uS) linity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L)	R	esult	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test To be sent to Lab or CHEME	EC500 EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit K-9400
Temper Specific Sali Chi Amu Surfi	rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) monia (mg/L) (actants (mg/L) id (cfu/100mL)	R	esult	≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test To be sent to Lab or CHEME	EC500 EC500 EC500 EC500 EC500 t Strips t Strips tts Detergents Kit K-9400 t to lab
Specific Sali Chi Amu Surfi E.col	rature (degrees F) pH Conductivity (uS) linity (ppm S) alorine (ppm) monia (mg/L) factants (mg/L)	R	esult	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test To be sent to Lab or CHEME	EC500 EC500 EC500 EC500 EC500 t Strips t Strips tab Detergents Kit K-9400 t to lab

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Haverhill IDDE Inspection Form Drain Manhole

SECTION 1: E	BACKGROUND DATA					OUTFALL ID:	MD3982				
Date/Time:	2019-07-30 8:08:00					1					
Temperature: °F						Inspector(s):	Carrie Prescott Andres H McGuire Evelynn Cousey	urtado Zebulan	Day Pedro Rosario Eri	1	
Street Name/Stru	ecture Location: ecipitation Date/End Time:	Back Ln 2019-07-23 10:45:00				T					
Pictures	NOTICE AND TIMES	12019-07-23 10:43:00			Amount (inches):	1.2					
SECTION 2: C	OUTLET PIPE ASSET DE	SCRIPTION									
Location	DMH Interior Co			Material			Shape	Diamet	er/Dimension (in.)	Subme	rged
DMH Outlet Pipe	Good	Rei	nforced	Concrete			Circle		36	In Water: Par With Sediment: No	tially
			-							White Scannelle, No	
	INLET PIPE NO. 1 ASSE										
Location	Upstream Asset ID	Material Reinforced		Clock Postion (Outle	et Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Subme In Water;	No No
Inlet Pipe No. 1		Concrete		9:00			Circle		12	With Sediment;	No
SECTION 3A:	INLET PIPE NO. 1 PHY: Indica	The second secon	-	Indi	icator Present?			I.	ndicator Description	-	
	Asset Da	mage		IIII	None				ducator Description		
	Deposits/: Pool Qu				None None						
	Pipe Algae/				None						
*Do	physical indicators suggest an i Is Inlet Pipe No	illicit discharge is present (Y/N):			No. Yes			oderate	Feti	mated GPM:	3
SECTION 3A:		SICAL INDICATORS (ALL F	LOWIN	NG ASSETS)	-,,,				Lau	matte Of M.	
	Indicator	Indicator Prese	_				Description			Severity	
	Odor Color	No No									
	Turbidity									Clear	
	(Does Not Include Trash)	No	ATT DE	OWING ACCUTES							
and the second second second	mple Date/Time:	PLING/TESTING RESULTS (2019-07-30 8:02:00	ALL FI	LOWING ASSETS)							
	Parameter		Res			Typic	al EPA Benchmarks		Equip		
Temp	pH pH		7.6						EXTECH		
	fic Conductivity (uS)		25	2					EXTECH	EC500	
	Salinity (ppm S) Chlorine (ppm)		10:				Reporting Limit		EXTECH Hach Tes		
	mmonia (mg/L)		0				≥ 0.5 mg/L		Hach Tes		
	rfactants (mg/L)		<0.	05			≥ 0.25 mg/L	1	To be sent to Lab or CHEM		1400
	coli (cfu/100mL) ococcus (cfu/100mL)		85.	.7			> 235 cfu/100mL > 61 cfu/100mL		To be ser To be ser		
Ph	osphorus (mg/L)								To be ser	t to lab	
SECTION 3B:	INLET PIPE NO. 2 ASSE	ET DESCRIPTION									
Location	Upstream Asset ID	Material		Clock Postion (Outle	et Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Subme	
Inlet Pipe No. 2	DMH-9145	Reinforced Concrete		12:00			Circle		16	In Water: With Sediment:	No No
SECTION 3B:	INLET PIPE NO. 2 PHY							1000		- American	
	Indica	itor		Ind	icator Present?			1	ndicator Description		
	Asset Da Deposits/				None None						
	Pool Qu	iality			None						
*Do	Pipe Algae	Growth illicit discharge is present (Y/N):			None No						
14-11-11-11	Is Inlet Pipe No	o.2 Flowing?			No				Esti	mated GPM:	
SECTION 3B:	CALLET PRODUCT CONTRACTOR OF THE	SICAL INDICATORS (ALL F								Consider	
	Indicator Odor	Indicator Pres	ent (Yes/	No)			Description			Severity	
	Color										
Floatables	Turbidity (Does Not Include Trash)									167	
		PLING/TESTING RESULTS (ALL FI	LOWING ASSETS)							
Sa	imple Date/Time:		n			Tomi	cal EPA Benchmarks		Equip	mant	
Tem	Parameter perature (degrees F)		Res	suit .		Турі	Cat L.F.A. Deucumarks		EXTEC	EC500	
	pH					-			EXTECH EXTECH		
	fic Conductivity (uS) Salinity (ppm S)						≥ Reporting Limit		EXTECH		
	Chlorine (ppm)						≥ Reporting Limit		Hach Te	st Strips	
	Ammonia (mg/L)						≥ 0.5 mg/L ≥ 0.25 mg/L		Hach Te To be sent to Lab or CHEM		9406
	urfactants (mg/L) .coli (cfu/100mL)						> 235 cfu/100mL		To be se	nt to lab	
Enter	ococcus (cfu/100mL)						> 61 cfu/100mL		To be se		
Pi	hosphorus (mg/L)					1		1	To be se	IL CO IND	

SECTION 3C: INLET PII Location Upstre	am Asset ID		Clark Partle (Out a Province)		
Inlet Pipe No. 3	am Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water.
					With Sediment:
SECTION 3C: INLET PII	THE PERSON NAMED IN	A CONTRACTOR OF THE PARTY OF TH			
	Indicate Asset Dam		Indicator Present?		Indicator Description
	Deposits/St				
	Pool Qual				
*Do physical indic	Pipe Algae/G ators suggest an ill	icit discharge is present (Y/N):			
	Is Inlet Pipe No.3				Estimated GPM:
SECTION 3C: INLET PH	E NO. 3 PHYS	ICAL INDICATORS (ALL FLOV	WING ASSETS)		
Indicator		Indicator Present (Yes/No)	Description	Severity
Odor Color					
Turbidity					
Floatables (Does Not Inc	lude Trash)				
SECTION 3C: INLET PH	E NO. 3 SAMP	LING/TESTING RESULTS (ALI	FLOWING ASSETS)		
Sample Date/Tir	ne:				
Parameter Temperature (door	F)		Result	Typical EPA Benchmarks	Equipment EXTECH EC500
Temperature (degr	ces r)				EXTECH EC500
Specific Conductivit	ty (uS)				EXTECH EC500
Salinity (ppm 5					EXTECH EC500
Chlorine (ppm Ammonia (mg/l				≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
Ammonia (mg/l Surfactants (mg				≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
E.coli (cfu/100m				> 235 cfu/100mL	To be sent to lab
Enterococcus (cfu/1				> 61 cfu/100mL	To be sent to lab
Phosphorus (mg	(L)				To be sent to lab
SECTION 3D: INLET PIE	E NO. 4 ASSET	DESCRIPTION	The second section of the second		
The state of the s	am Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water:
	n No. 4 mm//	ICAL INDICATIONS	-		With Sediment:
SECTION 3D: INLET PI		Martin Street Control of the Control	F-8		Indicator Description
	Asset Dam		Indicator Present?		indicator Description
	Deposits/St	tains			
	Pool Qua				
*Do physical indic	Pipe Algae/G	irowth licit discharge is present (Y/N):			
Бориумы поис	Is Inlet Pipe No.4				Estimated GPM:
SECTION 3D: INLET PH	E NO. 4 PHYS	ICAL INDICATORS (ALL FLOY	WING ASSETS)		
Indicator		Indicator Present (Yes/No)	Description	Severity
Odor					
Color Turbidity					
Floatables (Does Not Inc	lude Trash)				·
SECTION 3D: INLET PH	PE NO. 4 SAMP	LING/TESTING RESULTS (ALI	L FLOWING ASSETS)		
Sample Date/Tir	ne:		* *	T CAPPARA - L	Equipment
Parameter Temperature (degr	as Fi		Result	Typical EPA Benchmarks	Equipment EXTECH ECS00
рН					EXTECH EC500
Specific Conductivi					EXTECH EC500
Salinity (ppm :				≥ Reporting Limit	EXTECH EC500 Hach Test Strips
Chlorine (ppm Ammonia (mg/				≥ 0.5 mg/L	Hach Test Strips
Surfactants (mg				≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
E.coli (cfu/100m				> 235 cfu/100mL	To be sent to lab
Enterococcus (cfu/1				> 61 cfu/100mL	To be sent to lab To be sent to lab
Phosphorus (mg	(L)				10 ce sun (0.180
SECTION 3E: INLET PII	PE NO. 5 ASSET	T DESCRIPTION			
A MANUFACTURE OF THE PARTY OF T	am Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 5					In Water: With Sediment:
SECTION 3E: INLET PI	PE NO E DUIVE	ICAL INDICATORS			[Min Seamen.]
SECTION SE: INLET PI	Indicate	ALL DOWNSON DE CONTROL OF THE CONTROL OF	Indicator Present?		Indicator Description
	Asset Dan				
	Deposits/S				
	Pool Qua Pipe Algae/C				
*Do physical indic		licit discharge is present (Y/N):			
	Is Inlet Pipe No.	5 Flowing?			Estimated GPM:
	PE NO. 5 PHYS	ICAL INDICATORS (ALL FLO		Description	Severity
Indicator Odor		Indicator Present (LEMINO)	Description	Severny
Color					
Turbidity					
Floatables (Does Not Inc		LINCOTESTINO DECULTOS	LELOWING ACCETES		
Control of the Contro		PLING/TESTING RESULTS (ALI	L FLOWING ASSETS)		
Sample Date/Ti Parameter	me:		Result	Typical EPA Benchmarks	Equipment
Temperature (deg	rees F)				EXTECH EC500
pН					EXTECH EC500 EXTECH EC500
Specific Conductive Salinity (ppm					EXTECH ECS00
Sammity (DDM)				≥ Reporting Limit	Hach Test Strips
					Hach Test Strips
Chlorine (ppn Ammonia (mg				≥ 0.5 mg/L	
Chlorine (ppm Ammonia (mg Surfactants (mg	(L) g/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
Chlorine (ppn Ammonia (mg	/L) g/L) nL)				

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	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at	6:00) Shape	Diameter/Dimension (in.)	Submerged
nlet Pipe No. 6						In Water:
met ripe ito. o			A CONTRACTOR OF THE CONTRACTOR			With Sediment:
CTION 3F: IN	NLET PIPE NO. 6 PHYSICA	LINDICATORS				
	Indicator		Indicator Pre	sent?	Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do ph	ysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flor	wing?			Esti	mated GPM:
ECTION 3F: IN	NLET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FLO	OWING ASSETS)			
	Indicator	Indicator Present	t (Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
Floatables (D	oes Not Include Trash)			•		
Floatables (DECTION 3F: IN	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN		LL FLOWING ASSETS)			
Floatables (De ECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time:				Fauin	
Floatables (D. ECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: Parameter		LL FLOWING ASSETS) Result	Typical EPA Benchmarks	Equip	nent
Floatables (D. ECTION 3F: IN Samp	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: Parameter cature (degrees F)				EXTECH	nent ECS00
Floatables (D ECTION 3F: IN Samp I Temper	oes Not Include Trash) NLET PIPE NO, 6 SAMPLIN ple Date/Time: Parameter ature (degrees F) pH				EXTECH EXTECH	nent EC500 EC500
Floatables (D ECTION 3F: IN Samp I Temper	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)				EXTECH EXTECH EXTECH	nent EC500 EC500 EC500
Floatables (D ECTION 3F: IN Samp I Temper Specific Sali	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: parameter rature (degrees F) pH conductivity (uS) inity (ppm S)			Typical EPA Benchmarks	ЕХТЕСН ЕХТЕСН ЕХТЕСН ЕХТЕСН	ment EC500 EC500 EC500 EC500
Floatables (D. ECTION 3F: IN Samp I Temper Specific Sali Chi	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN Ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm)			Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	nent EC500 EC500 EC500 EC500 t Strips
Floatables (D ECTION 3F: IN Samp I Temper Specific Sali Chl	oes Not Include Trash) NLET PIPE NO, 6 SAMPLIN ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (pm S) lotine (ppm) monia (mpL)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	ment EC500 EC500 EC500 EC500 EC500 EC500 Strips
Floatables (D ECTION 3F: IN Samp I Temper Specific Sali Ch Amu	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ple Date/Time: parameter ature (degrees F) pH conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	nent EC\$00 EC\$00 EC\$00 EC\$00 EC\$00 EC\$10 EC\$10 EC\$10 EC\$10 EC\$10 EC\$10 EC\$10 EC\$10
Floatables (D ECTION 3F: IN Samp I Temper Specific Sali Chi Amm Surfa	oes Not Include Trash) NLET PIPE NO, 6 SAMPLIN ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (pm S) lotine (ppm) monia (mpL)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	nent EC500 EC500 EC500 EC500 EC500 tStrips tStrips tStrips t Strips t old bt

Haverhill IDDE Inspection Form Drain Manhole

SECTION 1: B	BACKGROUND DATA							
ASSET ID:	DMH-893				OUTFALL ID	: MR0982		
Date/Time:	2019-07-30 8:10:00				1	Touris Description		
Temperature: °F					Inspector(s):	Carrie Prescott Andres McGuire Evelynn Cousey	HurtadojZebulan Day Ped	iro kosario[Erin
Street Name/Strue		RIVER RD						
Previous Prec	cipitation Date/End Time:	2019-07-23 10:45:00		Amount (inches):	1.2			
Pictures								
					1			
					1			
	Contract of the Contract of th							
	OUTLET PIPE ASSET DE						4	
Location	DMH Interior Cor	ndition	Material			Shape	Diameter/Dimer	
DMH Outlet Pipe	e							In Water: With Sediment:
Annual Control of the	THE RESERVE TO SERVE	The same of the sa						This Secured.
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION			-			
Location	Upstream Asset ID	Material	Clock Postion (Out	tlet Pipe at 6:00)	T	Shape	Diamete	er/Dimension (in.) Submerged
			- Internation (Out			p-		In Water:
Inlet Pipe No. 1								With Sediment:
SECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATORS						
	Indicat	ôr .	In	dicator Present?			Indicator	Description
	Asset Dan	nage						
	Deposits/S							
	Pool Qua							
*Dor	physical indicators suggest an il							
50,	Is Inlet Pipe No.							Estimated GPM:
SECTION 3A:		SICAL INDICATORS (ALL FLO	WING ASSETS)					
	Indicator	Indicator Present				Description		Severity
	Odor		,					
	Color							
	Turbidity					•		
	(Does Not Include Trash)							
		PLING/TESTING RESULTS (AL	L FLOWING ASSETS)	X				
San	mple Date/Time: Parameter		Result		Ton	ical EPA Benchmarks		Equipment
Temp	perature (degrees F)		Kesuit		170	ical El A Delicillarias		EXTECH EC500
Temp	pH							EXTECH EC500
Specifi	fic Conductivity (uS)							EXTECH EC500
	Salinity (ppm S)				-			EXTECH EC500
	Chlorine (ppm)					≥ Reporting Limit		Hach Test Strips Hach Test Strips
	mmonia (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	To be sen	it to Lab or CHEMets Detergents Kit K-9400
	erfactants (mg/L)				1	> 235 cfu/100mL	10 00 300	To be sent to lab
	ococcus (cfu/100mL)					> 61 cfu/100mL To be sent to lab		
	nosphorus (mg/L)							To be sent to lab
SECTION 3B:	INLET PIPE NO. 2 ASSE	T DESCRIPTION						
Location	Upstream Asset ID	Material	Clock Postion (Ou	tlet Pipe at 6:00)		Shape	Diamete	er/Dimension (in.) Submerged
Inlet Pipe No. 2								In Water;
		Total Burney (many)			-	-		With Sediment:
SECTION 3B:	INLET PIPE NO. 2 PHYS					-		n det
	Indica		In	dicator Present?			Indicator	Description
	Asset Day Deposits/S							
	Pool Qu							
	Pipe Algae/	Growth						
*Do		llicit discharge is present (Y/N):						
	Is Inlet Pipe No							Estimated GPM:
SECTION 3B:	: INLET PIPE NO. 2 PHYS	SICAL INDICATORS (ALL FLO						
	Indicator	Indicator Present	(Yes/No)			Description		Severity
	Odor							
	Color Turbidity							
Floatables	(Does Not Include Trash)							3
		PLING/TESTING RESULTS (AI	L FLOWING ASSETS					
THE PERSON NAMED IN COLUMN TWO	ample Date/Time:							
52	imple Date/Time:	+	Result		Тур	ical EPA Benchmarks		Equipment
Sa	Parameter		11111111					EXTECH EC500
	Parameter perature (degrees F)		-					
Temp	Parameter perature (degrees F) pH							EXTECH EC500
Temp	Parameter perature (degrees F) pH fic Conductivity (uS)					> Banastins Limit		EXTECH EC500 EXTECH EC500
Temp Specif S	Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S)					≥ Reporting Limit		EXTECH EC500 EXTECH EC500 EXTECH EC500
Temp Specif S	Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm)					≥ Reporting Limit		EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Temp Specif S	Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L)					≥ Reporting Limit ≥ 0.5 mg/L	To be ser	EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Specif S S G A Su	Parameter perature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm)					≥ Reporting Limit	To be ser	EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Specif S (A Su	Parameter prature (degrees F) pH fic Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L)					≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	To be ser	EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips It to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
Specif S (A Su Enters	Parameter prature (degrees F) pH fit Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) urfactants (mg/L) celi (cfu/100mL)					≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	To be ser	EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips It to Lab or CHEMets Detergents Kit K-9400 To be sent to lab

SECTION 3C:	INLET PIPE NO. 3 ASSE	T DESCRIPTION							-	
Location	Upstream Asset ID	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	li li	Diameter/Dimension (in.)	Submer	ged
Inlet Pipe No. 3									In Water;	
SECTION 1C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS							With Sediment;	
SECTION SC:	Indicat	The second secon								
	Asset Dan		Inc	dicator Present?			In	dicator Description		
	Deposits/S									
	Pool Qua									
*Do p	Pipe Algae/C hysical indicators suggest an il	licit discharge is present (Y/N):								
	Is Inlet Pipe No.							Estin	nated GPM:	
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLOWI	NG ASSETS)							
	Indicator	Indicator Present (Yes/	No)			Description			Severity	
	Odor Color									
	Turbidity									
Floatables (I	Does Not Include Trash)									
SECTION 3C:	INLET PIPE NO. 3 SAME	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)							
	nple Date/Time:									
	Parameter erature (degrees F)	Res	ult		Туріс	al EPA Benchmarks	_	Equipm EXTECH		
	рН							EXTECH	EC500	
	c Conductivity (uS)							EXTECH		
	dinity (ppm S) hlorine (ppm)				>	Reporting Limit		EXTECH Hach Test		
	nmonia (mg/L)					≥ 0.5 mg/L		Hach Test		
	factants (mg/L)					≥ 0.25 mg/L	To	be sent to Lab or CHEMe		100
	oli (cfu/100mL)					235 cfu/100mL > 61 cfu/100mL		To be sent		
	coccus (cfu/100mL) osphorus (mg/L)					of clariconic		To be sent		
								and the second		
	INLET PIPE NO. 4 ASSE									
Location	Upstream Asset ID	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	1	Diameter/Dimension (in.)	Submer:	ged
Inlet Pipe No. 4									With Sediment:	
SECTION 3D:	INLET PIPE NO. 4 PHYS	ICAL INDICATORS		-						
	Indicat		Inc	dicator Present?			In	dicator Description		
	Asset Dan									
	Deposits/S Pool Qua									
	Pipe Algae/C		×							
*Do p		licit discharge is present (Y/N):						Lev	nated GPM:	
CECTION AD.	Is Inlet Pipe No.		NC ACCETO		-			Esur	nated GPM:	-
SECTION 3D:	Indicator	Indicator Present (Yes		_		Description			Severity	
	Odor	Indicator Frank (14)	,			P. Verigeou			51.517	
	Color									
Floatables (Turbidity Does Not Include Trash)	*							-	
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)				-			
	uple Date/Time:	Line Testino Resourt (rest								
	Parameter	Re	sult		Typic	al EPA Benchmarks		Equipm		
Tempe	erature (degrees F)							EXTECH EXTECH		
Specific	pH ic Conductivity (uS)							EXTECH		
	alinity (ppm S)							EXTECH		
	Chlorine (ppm)				2	Reporting Limit		Hach Test Strips Hach Test Strips		
	mmonia (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	T	o be sent to Lab or CHEMe		400
	rfactants (mg/L) coli (cfu/100mL)				3	> 235 cfu/100mL		To be sen		
Entero	coccus (cfu/100mL)				- 6	> 61 cfu/100mL		To be sen		
Pho	osphorus (mg/L)					- 400		To be sen	to lab	
SECTION 25.	INLET PIPE NO. 5 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Out	llet Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Submer	rged
Inlet Pipe No. 5									In Water:	
								-	With Sediment:	-
SECTION 3E:	INLET PIPE NO. 5 PHYS	The state of the s	-	Harris Day 12		4 - 1 - 2 - 2		dicator Description	-	
	Indicat Asset Dat		In	dicator Present?			Ln	dicator Description		
	Deposits/S									
	Pool Qu.									
*Dor	Pipe Algae/	Growth Hicit discharge is present (Y/N):								
200	Is Inlet Pipe No							Esti	nated GPM:	
SECTION 3E:	INLET PIPE NO. 5 PHYS	SICAL INDICATORS (ALL FLOWI		,						
	Indicator	Indicator Present (Yes	/No)			Description	1		Severity	
	Odor Color									
	Turbidity									
	(Does Not Include Trash)	N. W. C. W.	LOWING LOSS						econt sole	
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)	W						
Sar	mple Date/Time: Parameter	Re	sult		Typic	cal EPA Benchmarks		Equip		
Temp	perature (degrees F)				- 35			EXTECH	EC500	
	pH							EXTECH EXTECH		
	ic Conductivity (uS) alinity (ppm S)							EXTECH		
	Chlorine (ppm)					≥ Reporting Limit		Hach Tes	t Strips	
Ai	mmonia (mg/L)					≥ 0.5 mg/L		Hach Tes		100
	erfactants (mg/L)					≥ 0.25 mg/L > 235 cfu/100mL	T	o be sent to Lab or CHEMO To be sen		100
	coli (cfu/100mL) ococcus (cfu/100mL)					> 61 cfu/100mL		To be sen	t to lab	
	osphorus (mg/L)							To be sen	t to lab	

- 1

Intet Pipe No. 6 SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICA Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is Is latter Pipe No. 6 Flowing?	ATORS	Indicator Present?		Indicator Description	In Water: With Sediment:	
SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICA Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is	ATORS	Indicator Present?			With Sediment.	
Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae(Growth *Do physical indicators suggest an illied discharge is	ATORS	Indicator Present?		Indicator Description		
Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is		Indicator Present?		Indicator Description		
Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is						
Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is						
Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is						
*Do physical indicators suggest an illicit discharge is						
Is Inlet Pipe No.6 Flowing?	present (Y/N):					
				Estin	mated GPM:	
SECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICA	TORS (ALL FLOW	NG ASSETS)				
Indicator Indicator Present (s/No)	Description		Severity	
Odor						
Color						
Turbidity						
Floatables (Does Not Include Trash)						
SECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTI	NG RESULTS (ALL I	LOWING ASSETS)				
Sample Date/Time:						
		esult	Typical EPA Benchmarks	Equipn	nent	
Temperature (degrees F)				EXTECH EC500		
рН				EXTECH EC500		
Specific Conductivity (uS)				EXTECH EC500		
Salinity (ppm S)				EXTECH EC500		
Chlorine (ppm)			≥ Reporting Limit	Hach Test	Strips	
Ammonia (mg/L)			≥ 0.5 mg/L	Hach Test	Strips	
Surfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMe	ets Detergents Kit K-9400	
E.coli (cfu/100mL)			> 235 cfu/100mL	To be sent	t to lab	
Enterococcus (cfu/100mL)			> 61 cfu/100mL	To be sen	t to lab	
Phosphorus (mg/L)				To be sent	t to lab	

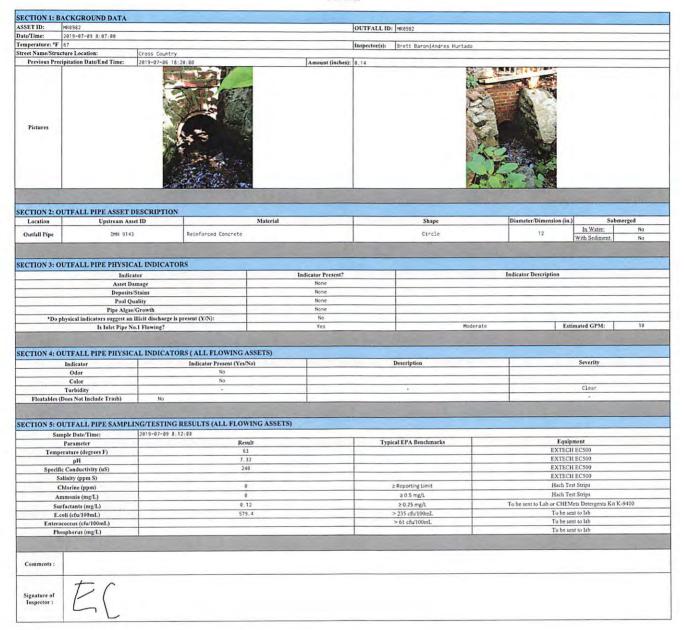
	BACKGROUND DATA									
ASSET ID: Date/Time:	CB-1241 2019-07-30 8:13:00				OUTFALL ID): MR8982				
						Carrie Prescott Andres	HurtadolZebulan DaylPed	ro RosariolErin		
Temperature: °F		21172 22			Inspector(s):	McGuire Evelynn Cousey				
Street Name/Stru Previous Pre		RIVER RD 2019-07-23 10:45:00		Amount (inches):	1 2					
Pictures				THOUSE (MALE)						
SECTION 2: O	OUTLET PIPE ASSET DES	SCRIPTION								
Location	CB Interior Conc		Material			Shape	Diameter/Dimen	nsion (in.) Submerged		
CB Outlet Pipe	Poor		ed Concrete			Circle	12	In Water Partially		
1000112						2000	-	With Sediment: No		
SECTION 21.	INI UT DIDE NO. 1 ACCE	T DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Out	tlet Pipe at 6:00)		Shape	Diamete	r/Dimension (in.) Submerged		
Inlet Pipe No. 1	Stream	Reinforced	3:8		In Water: No					
		Concrete	1					With Sediment: No		
SECTION 3A:	INLET PIPE NO. 1 PHYS			Variation Processed			To Manager	Description		
	Indicat Asset Dan		In	dicator Present?			Indicator	Description		
	Deposits/S			None						
	Pool Qua		None							
*Dar	Pipe Algae/C physical indicators suggest an il		None No							
20,	Is Inlet Pipe No.		Yes	Substantial		bstantial	Estimated GPM: 10			
SECTION 3A:	INLET PIPE NO. 1 PHYS	ICAL INDICATORS (ALL FLOW	ING ASSETS)							
	Indicator	Indicator Present (Ye	s/No)			Description		Severity		
	Odor Color	No No								
	Turbidity	NO.						Clear		
Floatables ((Does Not Include Trash)	No						·		
		LING/TESTING RESULTS (ALL)	FLOWING ASSETS)							
Sar	mple Date/Time:	2019-07-30 8:16:00	esult		Ton	ical EPA Benchmarks	1	Equipment		
Temp	Parameter perature (degrees F)		0.1		Тур	ical Er A Benchmarks		EXTECH EC500		
	pН	7	.06					EXTECH EC500		
	ic Conductivity (uS)		241					EXTECH EC500 EXTECH EC500		
	alinity (ppm S) Chlorine (ppm)		117 e		≥ Reporting Limit			Hach Test Strips		
	mmonia (mg/L)				≥ 0.5 mg/L			Hach Test Strips		
Su	rfactants (mg/L)	<	0.05					t to Lab or CHEMets Detergents Kit K-9400		
	coli (cfu/100mL)		***		> 235 cfu/100mL > 61 cfu/100mL			To be sent to lab To be sent to lab		
	ococcus (cfu/100mL) tosphorus (mg/L)	1	28.1					To be sent to lab		
SECTION 3B:	INLET PIPE NO. 2 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Ou	tlet Pipe at 6:00)		Shape	Diamete	r/Dimension (in.) Submerged		
Inlet Pipe No. 2								With Sediment		
SECTION 3R	INLET PIPE NO. 2 PHYS	SICAL INDICATORS								
	Indicat	tor	In	dicator Present?			Indicator	Description		
	Asset Dar Deposits/S		1			-				
	Pool Qu									
	Pipe Algae/	Growth								
*Do	physical indicators suggest an il Is Inlet Pipe No.	llicit discharge is present (Y/N):				1		Estimated GPM:		
CUCTION ID.	THE RESERVE THE PARTY OF THE PA	SICAL INDICATORS (ALL FLOW	TNC ASSETS							
SECTION 3B:	Indicator	Indicator Present (Ye		1		Description		Severity		
	Odor									
	Color Turbidity									
Floatables	(Does Not Include Trash)									
	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	PLING/TESTING RESULTS (ALL	FLOWING ASSETS							
	imple Date/Time:				1					
-	Parameter	R	tesult		Тур	oical EPA Benchmarks		Equipment EXTECH EC500		
Temp	perature (degrees F) pH							EXTECH EC500		
	fic Conductivity (uS)							EXTECH EC500		
S	Salinity (ppm S)					≥ Reporting Limit		EXTECH EC500		
	Chlorine (ppm)					≥ Reporting Limit		Hach Test Strips Hach Test Strips		
	Ammonia (mg/L) arfactants (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	To be sen	it to Lab or CHEMets Detergents Kit K-9400		
	.coli (cfu/100mL)				1	> 235 cfu/100mL		To be sent to lab		
Enter	ococcus (cfu/100mL)					> 61 cfu/100mL		To be sent to lab		
Ph	hosphorus (mg/L)							To be sent to lab		
The second second				The second second	-	100				

SECTION 3C:	INLET PIPE NO. 3 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material	Clock Postion (Outlet	Pipe at 6:00)		Shape		Diameter/Dimension (in.) Submer	ged	
Inlet Pipe No. 3								In Water: With Sediment:		
SECTION 3C:	INLET PIPE NO. 3 PHYS Indicate		India	ator Present?				diantes Description		
	Asset Dan		iidie				In	dicator Description		
	Deposits/S	tains								
	Pool Qua									
	Pipe Algae/C									
*Do p	hysical indicators suggest an ill Is Inlet Pipe No.							Estimated GPM:		
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS (ALL FLOWIN	NG ASSETS)							
	Indicator	Indicator Present (Yes/			1	Description		Severity		
	Odor						4			
	Color									
	Turbidity					•				
Floatables (I	Does Not Include Trash)			_				•		
SECTION 3C:	INLET PIPE NO. 3 SAMP	LING/TESTING RESULTS (ALL FI	LOWING ASSETS)							
	nple Date/Time:									
	Parameter	Res	ult		Typic	al EPA Benchmarks		Equipment		
Tempe	pH				_			EXTECH EC500 EXTECH EC500		
Specific	c Conductivity (uS)							EXTECH EC500		
	dinity (ppm S)							EXTECH EC500		
	hlorine (ppm)				2	Reporting Limit		Hach Test Strips		
	nmonia (mg/L)					≥ 0.5 mg/L		Hach Test Strips		
Sur	factants (mg/L)					≥ 0.25 mg/L	Т	o be sent to Lab or CHEMets Detergents Kit K-94	00	
	oli (cfu/100mL)	F				235 cfu/100mL		To be sent to lab		
	coccus (cfu/100mL)				,	61 cfu/100mL		To be sent to lab		
Pho	osphorus (mg/L)							To be sent to lab	-	
CECTION AT	INT PER DIDE NO. 4 ACCOUNT	F DESCRIPTION							2 2 2	
Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet	Pine at 6:00)		Shape	-	Diameter/Dimension (in.) Submer	eed	
TO CANADA THE SE	Upstream Asset ID	Printerial	Clock 1 stdon (Odder	pe at 0.00)		ouspe		In Water:	b	
Inlet Pipe No. 4								With Sediment:		
SECTION 3D	INLET PIPE NO. 4 PHYS									
SECTION SD.	Indicate		Indic	ator Present?			In	dicator Description		
	Asset Dan									
	Deposits/S									
	Pool Qua									
	Pipe Algae/C									
*Do p	ohysical indicators suggest an ill Is Inlet Pipe No.							Estimated GPM:		
		AND DESCRIPTION OF THE PARTY OF	LO LODDEN					permitted of M.	-	
SECTION 3D:		ICAL INDICATORS (ALL FLOWIN				Description		Severity		
	Indicator	Indicator Present (Yes/	No)		-	Description		Seventy		
	Odor Color									
	Turbidity									
Floatables (Does Not Include Trash)									
SECTION 3D:	INLET PIPE NO. 4 SAME	LING/TESTING RESULTS (ALL FI	LOWING ASSETS)							
	nple Date/Time:									
	Parameter	Res	ult		Typic	al EPA Benchmarks		Equipment		
Tempe	erature (degrees F)							EXTECH EC500		
	pH							EXTECH EC500		
	c Conductivity (uS)							EXTECH EC500 EXTECH EC500		
	alinity (ppm S) (hlorine (ppm)				>	Reporting Limit	Hach Test Strips			
	nmonia (mg/L)				-	2 0.5 mg/L		Hach Test Strips		
	rfactants (mg/L)					≥ 0.25 mg/L	т	o be sent to Lab or CHEMets Detergents Kit K-94	.00	
	oli (cfu/100mL)				>	235 cfu/100mL	1	To be sent to lab		
	coccus (cfu/100mL)					> 61 cfu/100mL		To be sent to lab		
	osphorus (mg/L)							To be sent to lab		
	INLET PIPE NO. 5 ASSE									
Location	Upstream Asset ID	Material	Clock Postion (Outlet	t Pipe at 6:00)		Shape		Diameter/Dimension (in.) Submer	ged	
Inlet Pipe No. 5								With Sediment:		
CPOTION AT	INLET PIPE NO. 5 PHYS	ICAL INDICATORS			-					
SECTION SE	INLET PIPE NO. 5 PHYS		India	cator Present?			- Ir	dicator Description		
	Asset Dar									
	Deposits/S	tains								
	Pool Qua									
40	Pipe Algae/G									
*Do p	physical indicators suggest an il Is Inlet Pipe No.	licit discharge is present (Y/N): 5 Flowing?						Estimated GPM:		
SECTION 15.		ICAL INDICATORS (ALL FLOWI	NG ASSETS)							
DECTION SE:	Indicator	Indicator Present (Yes/				Description		Severity		
	Odor					•				
	Color									
	Turbidity					•				
	Does Not Include Trash)							-		
		LING/TESTING RESULTS (ALL FI	LOWING ASSETS)							
Sar	mple Date/Time:					-1 FRA Books		Faul		
	Parameter	Res	suit		Typic	al EPA Benchmarks		Equipment EXTECH EC500		
Temp	erature (degrees F)							EXTECH EC500		
Specifi	ic Conductivity (uS)							EXTECH EC500		
	alinity (ppm S)							EXTECH EC500		
	Chlorine (ppm)				2	Reporting Limit		Hach Test Strips		
	mmonia (mg/L)					≥ 0.5 mg/L		Hach Test Strips		
	rfactants (mg/L)	1				≥ 0.25 mg/L	1	o be sent to Lab or CHEMets Detergents Kit K-9	100	
E.c	coli (cfu/100mL)					235 cfu/100mL		To be sent to lab		
Entero	ococcus (cfu/100mL)					> 61 cfu/100mL		To be sent to lab		
	osphorus (mg/L)							To be sent to lab		

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerger		
Inlet Pipe No. 6						In Water:		
and the state of						With Sediment:		
SECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS						
	Indicator		Indicator Present?		Indicator Description			
U67.	Asset Damage							
	Deposits/Stains							
	Pool Quality							
	Pipe Algae/Growt							
*Do pl	hysical indicators suggest an illicit d							
	Is Inlet Pipe No.6 Flowing?					ted GPM:		
SECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLO	WING ASSETS)					
	Indicator	Indicator Present (Description		Severity		
	Odor							
	Color							
	Turbidity	4.5		2-				
Floatables (I	Does Not Include Trash)							
	ple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equips	nent		
	rature (degrees F)		1///		EXTECH EC500			
	pH					EXTECH EC500		
Specific	Conductivity (uS)				EXTECH EC500			
Sal	linity (ppm S)				EXTECH	EC500		
C	nlorine (ppm)			≥ Reporting Limit	Hach Test	lach Test Strips		
Am	monia (mg/L)			≥ 0.5 mg/L	Hach Test	Strips		
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMe	ts Detergents Kit K-9400		
	oli (cfu/100mL)			> 235 cfu/100mL	To be sen	t to Iab		
	occus (cfu/100mL)			> 61 cfu/100mL	To be sen			
Pho	sphorus (mg/L)				To be sen	t to lab		
					211 311 101			
	stream flowing into structure							
Comments:								
Comments:	~ ^							
Comments :	$\bigcirc\bigcirc\bigcirc$							

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Haverhill IDDE Inspection Form Outfall



Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA									
	DMH-9143 2019-07-09 8:17:00				Jou	TFALL ID: MR8982				
emperature: °F					Ins	pector(s): Brett Baron Andres Hurtado E	rin McGuire Evelynn Cousey			
reet Name/Struct		RIVER RD								
Pictures	ipitation Date/End Time:	2019-07-06 18:20	(TET		Amount (inches): 0, 1					
ecriova, or	DEL DE NINE ACCES NO	COMPTION	-		1					
Location	DMH Interior Co			Material		Shape	Diameter/Dimension (in.)	Submerged		
W. Park Service			450-000					In Water: No		
MH Outlet Pipe	Excellent		Reinforced	Concrete		Circle	12	With Sediment: No		
ECTION 3A-1	INLET PIPE NO. 1 ASSE	T DESCRIPTION	N	- American						
Location	Upstream Asset ID		Iaterial	Clock Postion (Outle	et Pipe at 6:00)	Shape	Diameter/Dimension			
Inlet Pipe No. 1	Cb8732	Reinforced		9:00		Circle	12	In Water: No		
War and a second		Concrete	TOPS					With Sediment: No		
ECTION 3A: INLET PIPE NO. 1 PHYSICAL INDICATORS Indicator				Indi	leater Present?					
Asset Damage				Indi	None	Indicator Description				
Deposits/Stains				None						
Pool Quality				None						
Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N):					None No					
Do pt	Is Inlet Pipe No		escui (1721).		No			Estimated GPM:		
ECTION 3A: I	INLET PIPE NO. 1 PHYS		ORS (ALL FLOWE	NG ASSETS)						
	Indicator		Indicator Present (Yes/			Description		Severity		
	Odor									
	Color									
	Turbidity Does Not Include Trash)		-							
	INLET PIPE NO. 1 SAM	PI INCATESTIN	C PESHITS (ALL F	OWING ASSETS)	-					
to the process of the contract of	ple Date/Time:	Lingition	G RESCEIO (ALEOT	io mino modero)						
	Parameter		Res	ult		Typical EPA Benchmarks		Equipment		
								CTECH EC500		
	Temperature (degrees F)							CTECH EC500		
	pH	pH Specific Conductivity (uS)								
	Conductivity (uS)							KTECH EC500		
Sal	Conductivity (uS) linity (ppm S)					≥ Reporting Limit	EX	CTECH EC500 ach Test Strips		
Sal Ch	Conductivity (uS)					≥ Reporting Limit ≥ 0.5 mg/L	E) H: H:	ach Test Strips ach Test Strips		
Sal Cl Am Suri	Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg/L) factants (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	H: H: To be sent to Lab or	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400		
Sal Ch Am Surt E.co	Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg/L) factants (mg/L) oli (cfu/100mL)					≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EX H: H: To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 o be sent to lab		
Sal CP Am Surf E.co	Conductivity (uS) linity (ppm S) hlorine (ppm) nmonia (mg/L) factants (mg/L) oli (cfu/100mL) coccus (cfu/100mL)					≥ 0.5 mg/L ≥ 0.25 mg/L	EX H: H: To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400		
Sal CP Am Surf E.co	Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg/L) factants (mg/L) oli (cfu/100mL)					≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EX H: H: To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 o be sent to lab o be sent to lab		
Sal Ch Am Surf E.ec Enteroc	c Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg*L) factants (mg*L) oil (cfu100mL) coccus (cfu100mL) sphorus (mg*L) INLET PIPE NO. 2 ASSE					≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H To be sent to Labor or T T T	ach Test Strips ach Test Strips CHEMest Detergents Kit K-9400 a be sent to lab a be sent to lab a be sent to lab		
Sal Ch Am Surf E.ec Enteroc Pho	c Conductivity (uS) linity (ppm S) horine (ppm) horine (ppm) horine (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) horine (mg/L) linite (mg/L) li	1	N Material	Clock Postion (Outle		≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H. H. To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab be sent to lab be sent to lab ob earn to lab Submerged		
Sal CP Am Suri E.cc Enteroc Phos	c Conductivity (uS) linity (ppm S) hlorine (ppm) amonia (mg*L) factants (mg*L) oil (cfu100mL) coccus (cfu100mL) sphorus (mg*L) INLET PIPE NO. 2 ASSE			Clock Postion (Outl		≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H To be sent to Labor or T T T	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab b be sent to lab ob Submerged		
Sal CP Am Suri E.cc Enteroc Phos ECTION 3B: 1 Location nlet Pipe No. 2	c Conductivity (uS) linity (ppm S) horine (ppm) horine (ppm) horine (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) horine (mg/L) linite (mg/L) li	Reinforced Concrete	Material			≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H. H. To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab o be sent to lab of (in.) Submerged In.Water; No		
Sal CP Am Suri E.cc Enteroc Phos ECTION 3B: 1 Location nlet Pipe No. 2	c Conductivity (uS) linity (ppm S) hlorine (ppm) monia (mg/L) di (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMI back 1n INLET PIPE NO. 2 PHYS Indices	Reinforced Concrete SICAL INDICAT	Material	12:00	licator Present?	≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H. H. To be sent to Lab or To	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab ob esent to lab on (in.) Submerged In Water; No With Sediment; No		
Sal CP Am Suri E.cc Enteroc Phos ECTION 3B: 1 Location nlet Pipe No. 2	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) do (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMI back 1n INLET PIPE NO. 2 PHY: Indica Asset DA Asset DA	Reinforced Concrete SICAL INDICA	Material	12:00	licator Present?	≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H To be sent to Lab or Tr Tr Tr Tr Diameter/Dimensi	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab ob esent to lab on (in.) Submerged In Water; No With Sediment; No		
Sal CP Am Suri E.cc Enteroc Phos ECTION 3B: 1 Location nlet Pipe No. 2	c Conductivity (uS) limity (ppm S) horine (ppm) horine (ppm) horine (ppm) horine (ppm) horine (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) foccus (cfu/100mL) foccus (cfu/100mL) foccus (cfu/100mL) foccus (cfu/100mL) foccus (cfu/100mL) foccus (fu/100mL)	Reinforced Concrete SICAL INDICA tor image Stains	Material	12:00	None	≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H To be sent to Lab or Tr Tr Tr Tr Diameter/Dimensi	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab ob esent to lab on (in.) Submerged In Water; No With Sediment; No		
Sal CP Am Suri E.cc Enteroc Phos ECTION 3B: 1 Location (alet Pipe No. 2	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) do (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMI back 1n INLET PIPE NO. 2 PHY: Indica Asset DA Asset DA	Reinforced Concrete SICAL INDICA' tor image Stains	Material	12:00	licator Present?	≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H To be sent to Lab or Tr Tr Tr Tr Diameter/Dimensi	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab ob esent to lab on (in.) Submerged In Water; No With Sediment; No		
Sal CP Am Surt Ecc Enterco Pho: ECTION 3B; I Location Inlet Pipe No. 2 ECTION 3B; I	c Conductivity (uS) limity (ppm S) horine (ppm) horine (ppm) horine (ppm) horine (ppm) horine (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) foccus (cfu/100mL) foccus (cfu/100mL) horize (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMi back 1n INLET PIPE NO. 2 PHYS Indica Asset Da Deposits' Fool Qu Pipe Algae hysical indicators suggest an	Reinforced Concrete SICAL INDICA' tor image Stains taility Growth Illicit discharge is p	Material FORS	12:00	None None None None None	\$0.5 mg/t \$0.25 mg/t >>235 cfu/100mL >>61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab be sent to lab on (in.) Submerged In Water; No With Sedment; No		
Sale CI Amm Surt E.cc. Entercore Photo Location alet Pipe No. 2 *Do p	Conductivity (uS) Ilinity (ppm S) Morine (ppm) monia (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM1 back 1n INLET PIPE NO. 2 PHYS Indicate Asset Da Deposite' Fool Qu Pipe Algae Jis Inlet Tipe No. Is Inlet Tipe No.	Reinforced Concrete SICAL INDICA' tor image Stains tality 'Growth Illicit discharge is p	FORS reseat (Y/N):	12:96 Ind	None None None None	≥ 0.5 mg/t ≥ 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab ob esent to lab on (in.) Submerged In Water; No With Sediment; No		
Sale Sale CI Amm Surt E.cc. Entercore Photo BECTION 3B: L Location alet Pipe No. 2 *Do p	c Conductivity (uS) linity (ppm S) holorine (ppm) amonia (mg/L) factanta (mg/L) factanta (mg/L) factanta (mg/L) loccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM1 back In INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Fool Qu Pipe Algae hysical indicators suggest an in Intel Fipe No. 2 PHY: Intel Intel Fipe No. 2 PHY: Intel Intel Fipe No. 3 PHY: Intel Intel Fipe No. 3 PHY: Intel Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: Intel Fipe No. 4 PHY: Intel Fipe No. 5 PHY	Reinforced Concrete SICAL INDICA' tor image Stains tality 'Growth Illicit discharge is p	FORS resent (Y/N): FORS (ALL FLOWI	Ind Ind NG ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t >215 cfu/100mL >61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab b be sent to lab o be sent to lab on (in.) Submerged In Water; No With Sediment: No on		
Sale Sale CI Amm Surt E.cc. Entercore Photo BECTION 3B: L Location alet Pipe No. 2 *Do p	e Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMi back In INLET PIPE NO. 2 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae hysical indicators suggest an Is Inlet Pipe NO. 2 PHY: Indicator	Reinforced Concrete SICAL INDICA' tor image Stains tality 'Growth Illicit discharge is p	TORS resent (Y/N): TORS (ALL FLOWI Indicator Present (Yes	Ind Ind NG ASSETS)	None None None None None	\$0.5 mg/t \$0.25 mg/t >>235 cfu/100mL >>61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab be sent to lab on (in.) Submerged In Water; No With Sedment; No		
Sale Sale Criminal Surface Sur	c Conductivity (uS) linity (ppm S) holorine (ppm) amonia (mg/L) factanta (mg/L) factanta (mg/L) factanta (mg/L) loccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM1 back In INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Fool Qu Pipe Algae hysical indicators suggest an in Intel Fipe No. 2 PHY: Intel Intel Fipe No. 2 PHY: Intel Intel Fipe No. 3 PHY: Intel Intel Fipe No. 3 PHY: Intel Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: INLET PIPE NO. 2 PHY: Intel Fipe No. 3 PHY: Intel Fipe No. 4 PHY: Intel Fipe No. 5 PHY	Reinforced Concrete SICAL INDICA' tor image Stains tality 'Growth Illicit discharge is p	FORS resent (Y/N): FORS (ALL FLOWI	Ind Ind NG ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t >215 cfu/100mL >61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab a be sent to		
Salt CI Amm Surth E.e. Entercore Pho ECTION 3B: 1 Do p ECTION 3B: 1	e Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) foccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMI back In INLET PIPE NO. 2 PHY Indica Asset DD Deposits/ Fool Qu Pipe Algach Js Inlet Pipe No. 2 PHY Indicators suggest an Js Inlet Pipe No. 2 PHY Indicator Odor Color Turbidity	Reinforced Concrete SICAL INDICA tor mage Stains tality Growth Illicit discharge is p 3.2 Flowing? SICAL INDICA	FORS FORS (ALL FLOW) Indicator Present (Yes	Ind Ind NG ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t >215 cfu/100mL >61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab be sent to lab on (in.) Submerged In Water; No With Sedment; No Estimated GPM: 10 Severity		
Salo CI Amm Surt E.cc. Petersor Phono Betting Location alet Pipe No. 2 ECTION 3B: I 'Do p Floatables (I	s: Conductivity (uS) linity (ppm S) holorine (ppm) amonia (mg/L) all (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM1 back 1n INLET PIPE NO. 2 PHY: Indicate Asset Da Deposits' Fool Qu Pipe Algae/ hysical indicators suggest an in Is Intel Fipe No. 2 PHY: Indicator Odor Color Turbidity Dues Not Include Trash)	Reinforced Concrete SICAL INDICA' tor mage Stains Stains Stains Institute of the stain of the st	FORS (ALL FLOW) Indicator Present (Yes No No .	Ind Ind NG ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t >215 cfu/100mL >61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or T T T T T T T I I I I I I I I I I I I	ach Test Strips ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab a be sent to		
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Sal Crick Administration of the Crick Administration of th	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) focus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DMI back In INLET PIPE NO. 2 PHY: Indica Asset DD Deposits' Fool Qu Is Inter Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM mple Date/Time:	Reinforced Concrete SICAL INDICA' tor mage Stains Stains Stains Institute of the stain of the st	resent (Y/N): FORS (ALL FLOWI Indicator Present (Yes No No No C G RESULTS (ALL F	Ind Ind NG ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t >215 cfu/100mL >61 cfu/100mL Shape Circle	E) H H H H To be sent to Lab or Tr Tr Tr Diameter/Dimensi 18 Indicator Description	ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab be sent to lab on (in.) Submerged In Water: No With Sediment: No Estimated GPM: 10 Severity		
Sale CI Amm Surt E.c. Enterore Photo ECTION 3B: 1 Location nlet Pipe No. 2 ECTION 3B: 1 'Do p Floatables (1) Floatables (2) San	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D**10 back 1n INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae* thysical indicators suggest an in Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM INLET PIPE NO. 2 SAM Inlettive No. 2 PHY: Indicator Odor	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	FORS TORS TORS (ALL FLOW): Indicator Present (Yes) No No No CRESULTS (ALL F.	Ind Ind Ind NG ASSETS) No) LOWING ASSETS)	None None None None None	\$ 0.5 mg/t \$ 0.25 mg/t \$ 0.25 cfu/100mL \$ 61 cfu/100mL Shape Circle Moder Description	E) H H H H To be sent to Lab or Tr Tr Tr Diameter/Dimensi 18 Indicator Description	ach Test Strips ach Test Strips ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab a be sent to		
Sal CI Amm Surti E.e. Entercore Pho ECTION 3B: 1 Location Inter Fipe No. 2 ECTION 3B: 1 Floatables (ECTION 3B: 1 Floatables (ECTION 3B: 1 San Tempe	s: Conductivity (uS) linity (ppm S) holorine (ppm) amonia (mg/L) dic(cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) linite (m	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	resent (Y/N): FORS (ALL FLOWI Indicator Present (Yes No No : G RESULTS (ALL F	Ind Ind Ind Ind ASSETS) No) LOWING ASSETS) pult 3	None None None None None	\$ 0.5 mg/t \$ 0.25 mg/t \$ 0.25 cfu/100mL \$ 61 cfu/100mL Shape Circle Moder Description	E) H H H H H To be sent to Lab or T T T T T Diameter/Dimensi 18 Indicator Description rate E E E E	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 a be sent to lab be sent to lab be sent to lab In Water: In Water: No With Sediment: No Severity Clear Clear Clear CRUIDENES Equipment Extracted GPM: Clear Clea		
Sal Criminal Survivation of the Criminal Survivation of th	c Conductivity (uS) linity (ppm S) linity (mg/L) linity (Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	resent (Y/N): FORS (ALL FLOWI Indicator Present (Yes No No : G RESULTS (ALL F	Ind Ind Ind NG ASSETS) No) LOWING ASSETS)	None None None None None	20.5 mg/t 20.25 mg/t > 23.5 cfu/100mil. > 61 cfu/100mil. Shape Circle Description Typical EPA Benchmarks	E2 H H H H H To be sent to Lab or T T T T Diameter/Dimensi 18 Indicator Descriptio	ach Test Strips ach Test Strips CHEMests Detergents Kit K-9400 be sent to lab be sent to lab be sent to lab be sent to lab In Water; No With Sediment; No Estimated GPM: Clear		
Sal Criminal Surface S	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D** D** Upstream Asset ID D** INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae's chysical indicators suggest an in Is Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM nple Date/Time: Parameter resture (degrees F) pil c Conductivity (uS) alinity (ppm S)	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	resent (Y/N): FORS (ALL FLOW) Indicator Present (Yes No No No . GRESULTS (ALL F. G. RE G.	Ind Ind Ind Ind Ind Ind Ind Ind	None None None None None	2 0.5 mg/t 2 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks	E) H H H H To be sent to Lab or Tr Tr Tr Diameter/Dimensi 18 Indicator Description rate E:	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab b be sent to lab on (in.) Submerged In Water: No With Sediment: No The Severity Clear Clear Equipment XTECH EC500		
Sale CTION 3B: 1 Forting a series of the se	c Conductivity (uS) linity (ppm S) holorine (ppm) mmonia (mg/L) di (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) di (cfu/100mL) sphorus (mg/L) liNLET PIPE NO. 2 ASSE Upstream Asset ID O'Mi back In INLET PIPE NO. 2 PHY: Indicate Asset Da Deposity Pool Qu Pipe Algae hysical indicators suggest an is inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM polle Date/Time: Parameter resture (degrees F) pH c Conductivity (uS) diality (ppm S) holorine (ppm)	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	resent (Y/N): FORS (ALL FLOWI Indicator Present (Yes No No Re G RESULTS (ALL F :00 Re 6 6 3	Ind Ind Ind Ind NG ASSETS) No) LOWING ASSETS) pult 3	None None None None None	2 0.5 mg/t 2 0.25 mg/t > 235 cdr/100mL > 61 cfu/100mL Shape Circle Moder Description Typical EPA Benchmarks 2 Reporting Umit 2 Reporting Limit	E) H H H H H To be sent to Lab or T T T T Diameter/Dimensi 18 Indicator Description E E E E E H	ach Test Strips ach Test Strips CHEMests Detergents Kit K-9400 be sent to lab be sent to lab be sent to lab be sent to lab In Water; No With Sediment; No Estimated GPM: Clear		
Sal CP Am Surt Ecc Enteroc Phos ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I *Do p *Do p ECTION 3B: I San Tempe Specific Sa Cr An	s: Conductivity (uS) linity (ppm S) holorine (ppm) mmonia (mg/L) di (cfu/100mL) scatants (mg/L) di (cfu/100mL) sphorus (mg/L) di (cfu/100mL) sphorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID DM1 back 1n INLET PIPE NO. 2 PHY: Indicator Asset Da Deposite' Fool Qu Pipe Algae hysical indicators suggest an interfipe No. 1 Interfipe No. 2 Interfige No. 1 Interfipe No. 2 Interfige No. 1 Interfipe No. 2 Interfige No. 2 Interf	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	resent (Y/N): FORS (ALL FLOWI Indicator Present (Yes No No No . G RESULTS (ALL F 6 6 3	Ind Ind Ind Ind Ind Ind Ind Ind	None None None None None	2 0.5 mg/t 2 0.25 mg/t > 235 cfu/100mL > 61 cfu/100mL Shape Circle Description Typical EPA Benchmarks	EXAMPLE AND ADMINISTRATION OF THE PROPERTY OF	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 be sent to lab be sent to lab be sent to lab on (in.) Submerged In.Water: No With Sediment: No Severity Clear Clear CRUIDERS Severity Equipment XTECH EC500 XTECH EC500 Ach Test Strips		
Sal CP Am Surt Ecc Enterco Pho: ECTION 3B: I Location Inlet Pipe No. 2 ECTION 3B: I *Do p *Do p Floatables () SECTION 3B: I Floatables () SECTION 3B: I COMPANY Section Surt Specific An Sur	c Conductivity (uS) linity (ppm S) holorine (ppm) mmonia (mg/L) di (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) sphorus (mg/L) di (cfu/100mL) sphorus (mg/L) liNLET PIPE NO. 2 ASSE Upstream Asset ID O'Mi back In INLET PIPE NO. 2 PHY: Indicate Asset Da Deposity Pool Qu Pipe Algae hysical indicators suggest an is inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM polle Date/Time: Parameter resture (degrees F) pH c Conductivity (uS) diality (ppm S) holorine (ppm)	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	FORS TORS TORS (ALL FLOW): Indicator Present (Yes No No No No	Ind Ind Ind NG ASSETS) NO LOWING ASSETS) sult 3 88 10	None None None None None	20.5 mg/t 20.25 mg/t 20.25 mg/t 20.25 fcf/100mil. > 61 cfs/100mil. Shape Circle Shape Circle Description Typical EPA Benchmarks 2 Reporting Umit 2 Reporting Limit 2 0.5 mg/t 2 0.25 cfs/100mil.	E) H H H H H To be sent to Lab or To To To Diameter/Dimensi 18 Indicator Description E E E E H T To be sent to Lab or	Ach Test Strips Ach Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab b be sent to lab In Water: In Water: No With Sediment: No Reverity Clear Cl		
Sal Cr Am Surt Ecc Enteroc Phos SECTION 3B: I Location Inlet Pipe No. 2 SECTION 3B: I Floatables (I SECTION 3B: I San Tempe Specific Sa Cr An Sur Ecc Enteroc Enteroc Sur Ecc Enteroc Enteroc Sur Ecc Enteroc Enteroc Sur Ecc Enteroc Ente	c Conductivity (uS) linity (ppm S) horine (ppm) amonia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) coccus (cfu/100mL) sophorus (mg/L) INLET PIPE NO. 2 ASSE Upstream Asset ID D** D** Upstream Asset ID D** INLET PIPE NO. 2 PHY: Indica Asset Da Deposits' Pool Qu Pipe Algae's pipe Algae's inlicators suggest an in Inlet Pipe No. 2 PHY: Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAM nple Date/Time: Parameter reature (degrees F) pil c Conductivity (uS) alianty (mg/L) rfactants (mg/L)	Reinforced Concrete SICAL INDICA' tor mage Stains ality Growth Blicki discharge is p >2 Flowing? SICAL INDICA'	FORS TORS TORS (ALL FLOW): Indicator Present (Yes No No No No	Ind Ind Ind Ind Ind Ind Ind Ind	None None None None None	20.5 mg/L 20.25 mg/L 20.25 mg/L 20.25 cfu/100mL >61 cfu/100mL Shape Circle Description Typical EPA Benchmarks 2 Reporting Umit 2 Reporting Limit 2 Reporting Limit 2 0.25 mg/L 2 0.25 mg/L	EXAMPLE OF THE PROPERTY OF THE	ach Test Strips ch Test Strips CHEMets Detergents Kit K-9400 a be sent to lab b be sent to lab b be sent to lab on (in.) Submerged In Water: No With Sediment: No Severity Clear Clear Equipment XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 XTECH EC500 Ach Test Strips Gel Hender Strips CHEMets Detergents Kit K-9400		

SECTION 3C:	INLET PIPE NO. 3 ASSE	ET DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3	CB-8733	Reinforced Concrete	3:00	Circle	12 In Water, No With Sediment, No
ECTION 1C.	INLET PIPE NO. 3 PHY				With Seament.
ECTION SC.	Indica	CONTROL OF TAXABLE PARTY OF TAXABLE PART	Indicator Present?		Indicator Description
	Asset Da		None Name		Indicator Description
	Deposits/		None		
	Pool Qu		None		
*Do n	Pipe Algae	/Growth illicit discharge is present (Y/N):	None No		
Dol	Is Inlet Pipe No		No.		Estimated GPM:
ECTION 3C:		SICAL INDICATORS (ALL FLOW	VING ASSETS)		
	Indicator	Indicator Present (Y	es/No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables ((Does Not Include Trash)			-	
		PLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
The state of the s	mple Date/Time:	T			
	Parameter	1	Result	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)				EXTECH EC500
Specific	pH				EXTECH ECSON
	ic Conductivity (uS) alinity (ppm S)				EXTECH EC500 EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
Ar	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)			> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab
	osphorus (mg/L)			> 51 CIW TOURIL	To be sent to lab To be sent to lab
1 10 10 10		** *** *** *** *** *** *** *** *** ***			
ECTION 3D:	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
nlet Pipe No. 4					In Water: With Sediment:
CTION ID.	INLET PIPE NO. 4 PHY	SICAL INDICATORS			with Sediment:
CHOM SD:	Indica		Indicator Present?		La Stantan Decembration
	Asset Da		Indicator Present:		Indicator Description
	Deposits/	Stains			
	Pool Qu				
*Dan	Pipe Algae/	Growth illicit discharge is present (Y/N):			
	Is Inlet Pipe No				Estimated GPM:
ECTION 3D:	INLET PIPE NO. 4 PHY	SICAL INDICATORS (ALL FLOW	/ING ASSETS)		
	Indicator	Indicator Present (Ye	es/No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables ((Does Not Include Trash)				
ECTION 3D:	INLET PIPE NO. 4 SAM	PLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
San	mple Date/Time:				
	Parameter	P	Result	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)				EXTECH EC500
Specific	pH ic Conductivity (uS)				EXTECH EC500 EXTECH EC500
	alinity (ppm S)				EXTECH EC500
C	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	rfactants (mg/L) coli (cfu/100mL)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
	ococcus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
Pho	osphorus (mg/L)				To be sent to lab
THE PERSON NAMED IN	INLET PIPE NO. 5 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
nlet Pipe No. 5					In Water. With Sediment:
ECTION 3E:	INLET PIPE NO. 5 PHYS	SICAL INDICATORS			[COLORES OF STREET
The same of the sa	Indica	TO THE RESIDENCE OF THE PARTY O	Indicator Present?		Indicator Description
	Asset Da				
	Deposits/: Pool Qu				
	Pool Qu Pipe Algae/				
*Do p	physical indicators suggest an i	illicit discharge is present (Y/N):			
	Is Inlet Pipe No				Estimated GPM:
ECTION 3E:	CONTRACTOR OF STREET	SICAL INDICATORS (ALL FLOW	A STATE OF THE STA		
	Indicator Odor	Indicator Present (Ye	25/700)	Description	Severity
	Color				
	Turbidity				
	(Does Not Include Trash)				·
		PLING/TESTING RESULTS (ALL	FLOWING ASSETS)		
San	mple Date/Time: Parameter		Result	Typical EDA D	Participat
	Parameter erature (degrees F)	R	CSUIL	Typical EPA Benchmarks	Equipment EXTECH EC500
	pH				EXTECH ECS00
					EXTECH EC500
Tempe Specific	ic Conductivity (uS)				EXTECH EC500
Tempe Specific Sa	alinity (ppm S)				
Specific Sa C	alinity (ppm S) Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
Specific Sa C:	alinity (ppm S) Chlorine (ppm) mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
Specific Sa C An Sur	alinity (ppm S) Chlorine (ppm)				
Specific Sa C An Sur E.c.	atinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400

ection 3F: In			Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerge
ALC: CONTRACTOR					In	Water:
ECTION 3F: II					With	Sediment:
	NLET PIPE NO. 6 PHYSICA	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
-n - 1	Pipe Algae/Growt					
-Do ph	sysical indicators suggest an illicit d Is Inlet Pipe No.6 Flo					
					Estimated	GPM:
	NLET PIPE NO. 6 PHYSICAL					
	Indicator	Indicator Presen	t (Yes/No)	Description	Sev	erity
	Odor					
	Color					
	oes Not Include Trash)	*		***		
			A STATE OF THE STA			
A STATE OF THE STA	NLET PIPE NO. 6 SAMPLIN	J/TESTING RESULTS (A)	LL FLOWING ASSETS)			
	ple Date/Time:					
	Parameter Result		Result	Typical EPA Benchmarks	Equipment	
	. (I B					
	ature (degrees F)				EXTECH EC50	
Temper	pH				EXTECH EC50	0
Temper:	pH Conductivity (uS)				EXTECH EC50 EXTECH EC50	0
Specific e	pH Conductivity (uS) inity (ppm S)) Panarias limit	EXTECH EC50 EXTECH EC50 EXTECH EC50	0 0 0
Specific Sali	pH Conductivity (uS) inity (ppm S) lorine (ppm)			≥ Reporting Limit	EXTECH EC50 EXTECH EC50 EXTECH EC50 Hach Test Strip	0 0 0 s
Specific of Sali Chl	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L)			≥ 0.5 mg/L	EXTECH EC50 EXTECH EC50 EXTECH EC50 Hach Test Strip Hach Test Strip	0 0 0 s
Specific of Sali Chl Amer	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC50 EXTECH EC50 EXTECH EC50 Hach Test Strip Hach Test Strip To be sent to Lab or CHEMets De	0 0 0 s s stergents Kit K-9400
Specific of Sali Chl Amer	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L) li (cfu/100mL)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH ECSO EXTECH ECSO EXTECH ECSO Hach Test Strip Hach Test Strip To be sent to Lab or CHEMets De To be sent to Lab	0 0 0 s s tergents Kit K-9400 b
Specific of Sali Chl Amr Surfa E.col	pH Conductivity (uS) inity (ppm S) lorine (ppm) monia (mg/L) actants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EC50 EXTECH EC50 EXTECH EC50 Hach Test Strip Hach Test Strip To be sent to Lab or CHEMets De	0 0 0 s s tergents Kit K-9400 b

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Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA											
ASSET ID: Date/Time:	2019-07-09 8:28:00					OUTFALL ID:	MR8982					
Temperature: °F	67					Inspector(s):	Brett Baron Andres Hurta	do]Erin McGuire	(Evelynn Cousey			
Street Name/Strue		Back Ln			1							
Previous Pred	cipitation Date/End Time:	2019-07-06 18:2	20:00		Amount (inches):	0.14		-	40	120		
Pictures												
	UTLET PIPE ASSET DE											
Location	DMH Interior Con	ndition		Material			Shape	Diamete	er/Dimension (in.)		merged	
DMH Outlet Pipe	Good		Reinforced	Concrete			Circle		18	In Water: With Sediment:	¥0 ¥0	
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION	ON									
Location	Upstream Asset ID		Material	Clock Postion (Ou	itlet Pipe at 6:00)		Shape		Diameter/Dimension	(in.) Sut	merged	
Inlet Pipe No. 1	Cb1241	Reinforced Concrete		9:4	20		Circle		12	In Water; With Sediment;	No No	
SECTION 3A:	INLET PIPE NO. 1 PHYS		TORS							Hin Stantan.		
	Indicat			Ir	ndicator Present?			Ir	dicator Description			
	Asset Dar Deposits/S				None None							
Pool Quality					None							
Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N):					None No							
	Is Inlet Pipe No.1 Flowing? Yes							rickle		Estimated GPM:	10	
SECTION 3A:	INLET PIPE NO. 1 PHYS	ICAL INDICA			1							
	Indicator Indicator Present (Yes/No) Odor No						Description			Severity		
	Color		No									
Floatables (Turbidity Does Not Include Trash)	No								Clear		
	INLET PIPE NO. 1 SAMI		NG RESULTS (ALL F	LOWING ASSETS)							
San	nple Date/Time:	2019-07-09 8:20				-		1				
Tempe	Parameter erature (degrees F)		Res 6			Typic	eal EPA Benchmarks			Quipment TECH EC500		
	pН		7.					EXTECH EC500 EXTECH EC500				
	ic Conductivity (uS) alinity (ppm S)		2)	76			EXTECH EC500					
	Chlorine (ppm)					2	2 Reporting Limit Hach Test Strips					
	mmonia (mg/L)		<0				≥ 0.5 mg/L Hach' ≥ 0.25 mg/L To be sent to Lab or CHE			th Test Strips HFMets Detergents Kit	K-9400	
	rfactants (mg/L) coli (cfu/100mL)		64				> 235 cfu/100mL			To be sent to lab		
	osphorus (mg/L)						> 61 cfu/100mL To be sent to lab To be sent to lab					
rac	osphorus (ing L)											
	INLET PIPE NO. 2 ASSE											
Location	Upstream Asset ID		Material	Clock Postion (Ox	utlet Pipe at 6:00)		Shape	-	Diameter/Dimension	In Water:	omerged	
Inlet Pipe No. 2										With Sediment:		
SECTION 3B:	INLET PIPE NO. 2 PHYS		TORS						Alexander Provident			
	Indicas Asset Da			1	ndicator Present?				idicator Description			
	Deposits/S	Stains										
	Pool Qu Pipe Algae/											
*Do	physical indicators suggest an i	llicit discharge is p	present (Y/N):							Estimated GPM:		
SECTION 3R.	Is Inlet Pipe No. INLET PIPE NO. 2 PHYS		TORS (ALL FLOWI	NG ASSETS)			-			Estimated Of M.		
oue no.	Indicator		Indicator Present (Yes				Description			Severity		
	Odor Color											
	Turbidity											
	(Does Not Include Trash)									•		
	INLET PIPE NO. 2 SAMI mple Date/Time:	PLING/TESTI	NG RESULTS (ALL F	LOWING ASSETS	9)							
	Parameter		Re	sult		Typic	cal EPA Benchmarks			Equipment		
Temp	pH									TECH EC500 TECH EC500		
Specif	ic Conductivity (uS)								EX	TECH EC500		
	alinity (ppm S)						≥ Reporting Limit ≥ Reporting Limit	-		TECH EC500 ch Test Strips		
	Chlorine (ppm) mmonia (mg/L)						≥ 0.5 mg/L			ch Test Strips		
Su	rfactants (mg/L)						≥ 0.25 mg/L	1		HEMets Detergents Kit	K-9400	
	coli (cfu/100mL) ococcus (cfu/100mL)						> 235 cfu/100mL > 61 cfu/100mL			be sent to lab be sent to lab		
	osphorus (mg/L)	1								be sent to lab		

	INLET PIPE NO. 3 ASSE				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:0	0) Shape	Diameter/Dimension (in.) Submerged
let Pipe No. 3	AND DESCRIPTION OF THE PARTY OF				In Water: With Sediment:
CTION 3C: I	INLET PIPE NO. 3 PHYS	SICAL INDICATORS			
	Indica Asset Da		Indicator Presen	1?	Indicator Description
	Deposits/S				
	Pool Qu				
*Do ni	Pipe Algae/ hysical indicators suggest an i	Growth Bicit discharge is present (Y/N):			
Dopi	Is Inlet Pipe No				Estimated GPM:
CTION 3C: I	NLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLO	WING ASSETS)		
	Indicator	Indicator Present (Yes/No)	Description	Severity
	Odor Color				
	Turbidity			•	
Floatables (D	Ooes Not Include Trash)				•
And the second second		PLING/TESTING RESULTS (ALI	L FLOWING ASSETS)		
	ple Date/Time: Parameter		Result	Typical EPA Benchmarks	Paulament
	rature (degrees F)		Kesuit	Typical E.F.A Bellellinarks	Equipment EXTECH EC500
	pН				EXTECH EC500
	Conductivity (uS) linity (ppm S)				EXTECH EC500 EXTECH EC500
	lorine (ppm)			≥ Reporting Limit	Hach Test Strips
Am	monia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	factants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL) occus (cfu/100mL)			> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab
	sphorus (mg/L)				To be sent to lab
District of Manager	NLET PIPE NO. 4 ASSE		Cleat Paris 10, 11 Pr	n (2)	Diameter/Dimension (In A)
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00	Shape	Diameter/Dimension (in.) Submerged In Water:
nlet Pipe No. 4					With Sediment.
ECTION 3D: I	INLET PIPE NO. 4 PHYS				
	Indica		Indicator Presen	1?	Indicator Description
_	Asset Da Deposits/				
	Pool Qu	ality			
	Pipe Algae/	Growth llicit discharge is present (Y/N):			
-Do bt	Is Inlet Pipe No				Estimated GPM:
ECTION 3D: I		SICAL INDICATORS (ALL FLO	WING ASSETS)		
	Indicator	Indicator Present (Yes/No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables (D	Does Not Include Trash)				•
ECTION 3D: I	INLET PIPE NO. 4 SAM	PLING/TESTING RESULTS (AL	L FLOWING ASSETS)		
	ple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equipment
	rature (degrees F)		resun	1,7	EXTECH EC500
	pН				EXTECH EC500 EXTECH EC500
	Conductivity (uS) linity (ppm S)				EXTECH EC500
	hlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	nmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	factants (mg/L)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
	oli (cfu/100mL) coccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
	sphorus (mg/L)				To be sent to lab
		The same of the sa			
	INLET PIPE NO. 5 ASSE		Clock Postion (Outlet Pipe at 6:0	0) Shape	Diameter/Dimension (in.) Submerged
Location	Upstream Asset ID	Material	Clock Position (Outlet Pipe at 6:0	эпаре	In Water:
nlet Pipe No. 5					With Sediment.
ECTION 3E: I	INLET PIPE NO. 5 PHY	The Party of the P			
	Indica Asset De		Indicator Presen	it?	Indicator Description
	Asset Da Deposits/				
	Pool Qu	ality			
in.	Pipe Algae	Growth Illicit discharge is present (Y/N):			
-Do b	Is Inlet Pipe No				Estimated GPM:
ECTION 3E: I	INLET PIPE NO. 5 PHY	SICAL INDICATORS (ALL FLO			
	Indicator	Indicator Present	(Yes/No)	Description	Severity
	Odor Color				
	Turbidity			3-5	
	Does Not Include Trash)		L DI AUUNIA LANDO		
	A STATE OF THE PARTY OF THE PAR	PLING/TESTING RESULTS (AL	L FLOWING ASSETS)	, , , , , , , , , , , , , , , , , , , ,	
	nple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equipment
	erature (degrees F)				EXTECH EC500
	pH				EXTECH EC500 EXTECH EC500
	e Conductivity (uS) alinity (ppm S)				EXTECH EC500
	hlorine (ppm)			≥ Reporting Limit	Hach Test Strips
C	nmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
An				≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
An Sur	rfactants (mg/L)				
An Sur E.c				> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
nlet Pipe No. 6	//					In Water:
mer ripe ito. o						With Sediment:
ECTION 3F: I	INLET PIPE NO. 6 PHYSICA	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Grow					
*Do p	hysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flo				Estin	mated GPM:
ECTION 3F: I	INLET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FL	OWING ASSETS)			
	Indicator	Indicator Presen	t (Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
	Does Not Include Trash)					-
Floatables (I			LL FLOWING ASSETS)			
Floatables (I ECTION 3F: I Sam	Does Not Include Trash) INLET PIPE NO, 6 SAMPLIN uple Date/Time:					- TIME
Floatables (I ECTION 3F: I Sam	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN nple Date/Time: Parameter		LL FLOWING ASSETS) Result	Typical EPA Benchmarks	Equips	nent
Floatables (I ECTION 3F: I Sam	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN nple Date/Time: Parameter erature (degrees F)				EXTECH	ment EC500
Floatables (I ECTION 3F: I Sam Tempe	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN uple Date/Time: Parameter reture (degrees F) pH				EXTECH EXTECH	nent EC500 EC500
Floatables (I ECTION 3F: 1 Sam Tempe	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN nple Date/Time: Parameter terature (degrees F) pH c Conductivity (uS)				EXTECH EXTECH EXTECH	ment EC500 EC500 EC500
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sai	Does Not Include Trash) INLET PIPE NO, 6 SAMPLIN uple Date/Time: Parameter Parameter Parature (degrees F) pH conductivity (uS) Illinity (ppm S)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH EXTECH	ment EC500 EC500 EC500 EC500
Floatables (I ECTION 3F: I Sam Tempe Specific Sai Ct	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN uple Date/Time: Parameter Parature (degrees F) pH c Conductivity (uS) lilinity (ppm S) hlorine (ppm)			Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test	neat EC500 EC500 EC500 EC500 EC500
Floatables (I ECTION 3F: I Sam Tempe Specific Sai Ct Am	Does Not Include Trash) INLET PIPE NO, 6 SAMPLIN nple Date/Time: Parameter Parameter pH c Conductivity (uS) Illaity (ppm S) blorine (ppm) monia (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	nent EC500 EC500 EC500 EC500 EC500 S Strips
Floatables (I ECTION 3F: I Sam Tempe Specific Sai Ct Am Suri	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN nple Date/Time: Parameter erature (degrees F) pH conductivity (uS) dlinity (ppm S) hlorine (ppm) nnonia (mg/L) factants (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hash Test To be sent to Lab or CHEM	neat EC500 EC500 EC500 EC500 EC500 EC501 EC501 EStrips IStrips Istrips Istrips
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sal Ct Am Surria	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN uple Date/Time: Parameter Parature (degrees F) pH c conductivity (uS) Illinity (ppm S) blorine (ppm) mmonia (mg/L) factants (mg/L) oli (efu/100mL)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test To be sent to Lab or CHEMe To be sen	nent EC500 EC500 EC500 EC500 EC500 tStrips tStrips tStrips to Detergents Kit K-9400 to lab
Floatables (I ECTION 3F: 1 Sam Tempe Specific Sal Ct Am Surri	Does Not Include Trash) INLET PIPE NO. 6 SAMPLIN nple Date/Time: Parameter erature (degrees F) pH conductivity (uS) dlinity (ppm S) hlorine (ppm) nnonia (mg/L) factants (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hash Test To be sent to Lab or CHEM	nent EC500 EC500 EC500 EC500 Strips Strips ts Detergents Kit K-9400 tto lab

SECTION 3C:	INLET PIPE NO. 3 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:
Inlet Pipe No. 3					With Sediment:
SECTION 3C:	INLET PIPE NO. 3 PHYS	ICAL INDICATORS			
	Indicat Asset Dar		Indicator Present?		Indicator Description
	Deposits/S	tains			
	Pool Qua Pipe Algae/				
*Do	physical indicators suggest an il	licit discharge is present (Y/N):			le de constant
onomov so	Is Inlet Pipe No.	the second secon			Estimated GPM:
SECTION 3C:	INLET PIPE NO. 3 PHYS Indicator	ICAL INDICATORS (ALL FLOWI Indicator Present (Yes		Description	Severity
	Odor			•	
	Color Turbidity				
Floatables ((Does Not Include Trash)				·
	INLET PIPE NO. 3 SAMI mple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
341	Parameter	Re	sult	Typical EPA Benchmarks	Equipment
Temp	pH pH				EXTECH EC500 EXTECH EC500
Specifi	fic Conductivity (uS)				EXTECH EC500
	Chloring (ppm S)			20	EXTECH EC500
	Chlorine (ppm) mmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips
	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)			> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab
	osphorus (mg/L)				To be sent to lab
SECTION 3D:	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water; With Sediment;
SECTION 3D:	INLET PIPE NO. 4 PHYS	ICAL INDICATORS			2.130.20030000
	Indicat		Indicator Present?		Indicator Description
	Asset Dar Deposits/S				
	Pool Qua				
*Do j	Pipe Algae/G physical indicators suggest an il				
	Is Inlet Pipe No.				Estimated GPM:
SECTION 3D:	INLET PIPE NO. 4 PHYS Indicator	ICAL INDICATORS (ALL FLOWI Indicator Present (Yes		Description	Severity
	Odor			2 company	S. Ally
	Color Turbidity				
Floatables ((Does Not Include Trash)				·
SECTION 3D:	INLET PIPE NO. 4 SAME	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
SECTION 3D:	The state of the s	PLING/TESTING RESULTS (ALL F		Typical EPA Benchmarks	
SECTION 3D: Sai	INLET PIPE NO. 4 SAME mple Date/Time: Parameter perature (degrees F)			Typical EPA Benchmarks	Equipment EXTECH EC500
SECTION 3D: Sar Temp	INLET PIPE NO. 4 SAME mple Date/Time: Parameter			Typical EPA Benchmarks	Equipment
SECTION 3D: Sai Temp Specifi	INLET PIPE NO. 4 SAME mple Date/Time: Parameter cerature (degrees F) pH ic Conductivity (uS) ialinity (ppm S)				Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
SECTION 3D: Sat Temp Specification S. S. C.	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter cerature (degrees F) pH lic Conductivity (uS) allalnity (ppm S) Chlorine (ppm)			≥Reporting Limit	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
SECTION 3D: Sat Temp Specifi S. S. C. C. All	INLET PIPE NO. 4 SAME mple Date/Time: Parameter restaure (degrees F) pH Ic Conductivity (uS) allinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
SECTION 3D: Sat Temp Specification S. S. C. A. A. S.	INLET PIPE NO. 4 SAME mple Date/Time: Parameter serature (degrees F) pH 1c Conductivity (uS) ialnity (ppm S) Chlorine (ppm) mmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 235 ct/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or C'HEMest Detergents Kit K-9400 To be sent to lab
SECTION 3D: Sat Temp Specifi S C Ai Su E.E.	INLET PIPE NO. 4 SAME mple Date/Time: Parameter certature (degrees F) pH ic Conductivity (uS) aliality (ppm S) Chlorine (ppm) mmonia (mg/L) rifectants (mg/L) coli (cfu/100nL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
SECTION 3D: Sai Temp Specifi S S C Ai Su E.t. Entero	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retarure (degrees 8) pil 10. Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) coli (cfu/100mL) coeccus (cfu/100mL) oosphorus (mg/L)	Ret		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 235 ct/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
SECTION 3D: Sai Temp Specifi S S C Ai Su E.t. Entero	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter perature (degrees F) pH ic Conductivity (uS) salainty (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) rfactants (mg/L) cocceus (cfu/100mL) cocceus (cfu/100mL)	Ret		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 235 ct/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: Sat Temp Specifi S C AA Su E.t Entero	INLET PIPE NO. 4 SAME mple Date/Time: Parameter perature (degrees F) pH ic Conductivity (uS) alianity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) ococcus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE	Res	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab
SECTION 3D: Satisfied Specific Section 3E: Location Inlet Pipe No. 5	INLET PIPE NO. 4 SAME mple Date/Time: Parameter perature (degrees F) pH ic Conductivity (uS) alianity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) ococcus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE	Res T DESCRIPTION Material	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: Satisfied Specific Section 3E: Location Inlet Pipe No. 5	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Iconductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coll (cfu/100mL) occoccus (cfu/100mL) ocphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicate	T DESCRIPTION Material ICAL INDICATORS	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab
SECTION 3D: Satisfied Specific Section 3E: Location Inlet Pipe No. 5	INLET PIPE NO. 4 SAME mple Date/Time: Parameter restaure (degrees F) pH is Conductivity (uS) salinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) orfactants (mg/L) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS	T DESCRIPTION Material ICAL INDICATORS or	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab To be sent to Lab To be sent to lab Diameter/Dimension (in) Submerged In Water With Sediment
SECTION 3D: Satisfied Specific Section 3E: Location Inlet Pipe No. 5	INLET PIPE NO. 4 SAME mple Date/Time: Parameter restaure (degrees F) pH lc Conductivity (uS) alinity (ppm S) Calorine (ppm) mmonia (mg/L) rfactants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) cophorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Depositu'S Pool Qua	T DESCRIPTION Material ICAL INDICATORS or nage tains	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab To be sent to Lab To be sent to lab Diameter/Dimension (in) Submerged In Water With Sediment
SECTION 3D: Satisfies Specification of the section	ENLET PIPE NO. 4 SAME mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) cosceus (cfu/100mL) cosceus (cfu/100mL) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset Date DeposityS Pool Qua Pipe Algae(T physical indicator suggest an ill propersityS physical indicator suggest an ill propersityS physical indicator suggest an ill propersityS physical indicators suggest an ill physical indicators suggest an ill propersityS physical indicators suggest an ill physical indicators sug	T DESCRIPTION Material ICAL INDICATORS or nage tains lity rowth likit discharge is present (Y/N):	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab In Water: With Sediment:
SECTION 3D: Satisfied Specific	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Inconductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coll (cfu/100mL) occoccus (cfu/100mL) occoccus (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposity's Pool Qu Pipe Algae(physical indicators suggest an il Is Inlet Pipe No.	T DESCRIPTION Material ICAL INDICATORS or nage tains lity rowth litt discharge is present (V/N): 5 Flowing?	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab To be sent to Lab To be sent to lab Diameter/Dimension (in) Submerged In Water With Sediment
SECTION 3D: Satisfied Specific	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Inconductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coll (cfu/100mL) occoccus (cfu/100mL) occoccus (cfu/100mL) Upstream Asset ID INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposity's Pool Qu Pipe Algae(physical indicators suggest an il Is Inlet Pipe No.	T DESCRIPTION Material ICAL INDICATORS or nage tains lity rowth likit discharge is present (Y/N):	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cfu/100mL > 61 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab In Water: With Sediment:
SECTION 3D: Satisfied Specific	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Internation (mg/L) rediction (mg/L) rediction (mg/L) rediction (mg/L) rediction (mg/L) rediction (mg/L) receive (refu100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposites' Food Qu pipe Algae(physical indicators suggest an il Is Inlet Pipe NO. 5 PHYS Indicator Odor	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Growth licit discharge is present (Y/N): 5 Towing? ICAL INDICATORS (ALL FLOWI)	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Umit 2 0.5 mg/L 2 0.25 mg/L > 20.55 mg/L > 20.55 ch/100mL > 61 ch/100mL Shape	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab In Water: With Sediment Indicator Description
SECTION 3D: Satisfied Specific	ENLET PIPE NO. 4 SAME mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfa/100mL) osphorus (mg/L) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset Date DeposityS Pool Que Fipe Alage(C physical indicators suggest and Is Inter Pipe No. 5 PHYS Indicator Color Color Color Color Color Color Turbidity	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Growth licit discharge is present (Y/N): 5 Towing? ICAL INDICATORS (ALL FLOWI)	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Umit 2 0.5 mg/L 2 0.25 mg/L > 20.55 mg/L > 20.55 ch/100mL > 61 ch/100mL Shape	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab In Water: With Sediment Indicator Description
SECTION 3D: Specific	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Inconductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coll (cfu/100mL) cocceus (cfu/100mL) cocceus (cfu/100mL) cocceus (cfu/100mL) sophorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Depositys Pool Qu Pipe Algae/C physical indicators vaggest and Is Inlet Pipe No. INLET PIPE NO. 5 PHYS Indicator Odo Color Turbidity (Does Not Include Trash)	T DESCRIPTION Material ICAL INDICATORS or nage tains lity rowth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) No	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab In Water: With Sediment Indicator Description
SECTION 3D: Satisfied and section 3D: Specified and section 3D: Sure Experiments and section 3D: Section 3E: Section 3E: Section 3E: Floatables (SECTION 3E:	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) ialinity (ppm S) Calinity (ppm S	T DESCRIPTION Material ICAL INDICATORS or nage tains lifty Trowth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) No	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab In Water: With Sediment Indicator Description
SECTION 3D: Specific	INLET PIPE NO. 4 SAME mple Date/Time: Parameter retrature (degrees F) pH Iconductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coll (cfu/100mL) ococcus (rfu/100mL) ococcus (rfu/10	T DESCRIPTION Material ICAL INDICATORS or nage tains lity rowth likit discharge is present (V/N): 5 Flowing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	≥ Reporting Umit ≥ 0.5 mg/L ≥ 0.25 mg/L > 20.25 mg/L > 23.5 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab Indicator Description Estimated GPM: Estimated GPM: Equipment
SECTION 3D: Specific	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) inlinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL) osphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan DeposityS Fool Qua Pipe Algae'C physical indicators suggest and Is Inter Pipe No. 5 PHYS Indicator Odor Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAMI mple Date/Time:	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	≥ Reporting Umit ≥ 0.5 mg/L 2 0.25 mg/L > 2.35 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMEst Detergents Kit K-9400 To be sent to lab Diameter/Dimension (in.) Submerged In Water With Sediment Indicator Description Estimated GPM: Severity
SECTION 3D: Specific Section 3E: Floatables (Section 3E: Section 3E: Section 3E: Floatables (Section 3E: Floatables (Section 3E: Sau Temp	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) re	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	≥ Reporting Umit ≥ 0.5 mg/L 2 0.25 mg/L > 2.35 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab In Water With Sediment Estimated GPM: Estimated GPM: Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
SECTION 3D: SacTION 3D: Specific SecTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E:	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) islinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) coli (cfu/100mL) cosphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposites Pipe Algaec't physical indicators suggest an II Is Inter Pipe No. 5 PHYS Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAME mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) skillinity (ppm S)	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	≥ Reporting Umit ≥ 0.5 mg/L 2 0.25 mg/L > 2.35 cft/100mL > 61 cft/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMEsts Detergents Kit K-9400 To be sent to Lab To be sent to Lab Diameter/Dimension (in.) Submerged In Water: With Sediment. Indicator Description Estimated GPM: Severity Equipment EXTECH EC500
SECTION 3D: Specific Section 3E: Floatables (Section 3E: Section 3E: Section 3E: Section 3E: Floatables (Section 3E: Section 3E:	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) refactants (mg/L) coll (cfu/100mL) cosphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Deposits'S Pool Que physical indicators suggest an II Is linter Pipe No. Inlet	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	Description Description Description Description A Reporting Limit > 0.2 mg/L > 20.25 mg/L > 21.5 cft/100mL > 61 cft/100mL Shape	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab To be sent to lab To be sent to lab To be sent to lab Diameter/Dimension (in.) Submerged In Water With Sediment Indicator Description Estimated GPM: Equipment EXTECH ECS00
SECTION 3D: SacTION 3D: Specific SecTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E: CALL SPECIFIC SECTION 3E: SECTION 3	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) iolinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) coli (cfu/100mL) cosphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dar Deposites Pipe Algaec't physical indicators suggest an II Is Inter PIPE NO. 5 PHYS Indicator Color Turbidity (Does Not Include Trash) INLET PIPE NO. 5 SAME mple Date/Time: Parameter restaure (degrees F) pH ic Conductivity (uS) calainty (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L)	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	Description Typical EPA Benchmarks 2 0.5 mg/L 2 0.25 mg/L > 23.5 cfu/100mL Shape Description	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMEst Detergents Kit K-9400 To be sent to Lab To be sent to Lab Diameter/Dimension (in.) Submerged In Water With Sediment Indicator Description Estimated GPM: Severity Equipment EXTECH EC500 E
SECTION 3D: Specific Section 3E: SECTION 3E: SECTION 3E: SECTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E: SECTION 3E: SECTION 3E: SECTION 3E: SECTION 3E: SECTION 3E: Floatables (SECTION 3E: SECTION 3E:	INLET PIPE NO. 4 SAMI mple Date/Time: Parameter restaure (degrees F) pH Conductivity (uS) ialinity (ppm S) Chlorine (ppm) mmonia (mg/L) refactants (mg/L) refactants (mg/L) coll (cfu/100mL) cosphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dan Deposits'S Pool Que physical indicators suggest an II Is linter Pipe No. Inlet	T DESCRIPTION Material ICAL INDICATORS or nage tains lity Trowth licit discharge is present (Y/N): F Howing? ICAL INDICATORS (ALL FLOWI) Indicator Present (Yes)	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) NO	Description Description Description Description A Reporting Limit > 0.2 mg/L > 20.25 mg/L > 21.5 cft/100mL > 61 cft/100mL Shape	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab To be sent to lab To be sent to lab To be sent to lab Diameter/Dimension (in.) Submerged In Water With Sediment Indicator Description Estimated GPM: Equipment EXTECH ECS00

Indicator Indi	Indicator Indicator Indicator Present Indicator Present Indicator Description Asset Damage Indicator Present Indicator Present Indicator Description Asset Damage Indicator Present Indicator Present Indicator Description Asset Damage Indicator Indicator Present Indicator Description Indicator Description Peol quality Pipe Algae(Growth Indicator Suggest an illief discharge is present (Y/N): Is last Fipe No.6 Flowing? Estimated ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Indicator Present (Yes/No) Description Sc. Color Indicator Indicator Present (Yes/No) Description Sc. Turbidity Indicator Indicator Present Indicator Present Indicator Indicator	Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
ECTION 3F; INLET PIPE NO, 6 PHYSICAL INDICATORS Indicator Indicator Present? Indicator Description Asset Damage Indicator Present? Indicator Description Asset Damage Indicator Description Popolitis/Stains Indicator Present Indicator Present? Indicator Description Pipe Algae/Growth Indicator Suggest an illicit discharge is present (IV/N): Is later Pipe No, 6 Flowing? Indicator Suggest an illicit discharge is present (IV/N): ECTION 3F; INLET PIPE NO, 6 PhySICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Present (Yes/No) Description Severity Odor Indicator Present (Yes/No) Description Severity For Turbidity Indicator Indicator Present Indicator Present Indicator Present Indicator Present Indicator Present Indicator Indic	ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Indicator Present? Indicator Description Asset Damage Indicator Present? Indicator Description Asset Damage Indicator Present? Indicator Description Poposity/Stains Pool Quality Indicator Suggest an Illied discharge is present (V/N): Is later Fipe No. 6 Physical indicator suggest an Illied discharge is present (V/N): Is later Fipe No. 6 Physical Indicator Present (Yes/No) Description Security Indicator Indicator Indicator Indicator Present (Yes/No) Description Security Indicator Present (Yes/No) Description Security Indicator Indicator Indicator Present (Yes/No) Description Security Indicator I		-					In Water:
Indicator Description	Indicator Ind	let Pipe No. 6						With Sediment:
Asset Damage Deposit/Stains Peol Quality Pipe Algae/Growth To Do physical indicators suggest an illicit discharge is present (V/N): It later Pipe No. 6 Flowing? ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Odor Odor Color Turbidity Flow Indicator Present (Yes/No) Sample Date/Time: Parameter Parameter Parameter Parameter Result Temperature (degrees F) Jeffic Conductivity (aS) Specific Conductivity (aS) Saliality (ppm S) Ammonia (mg/L) Ammonia (mg/L) Surfactants (mg/L) Surfactants (mg/L) Eactio (fe/100mL) Eactio	Asset Damage Deposits/Stains Proof Quality Pipe Afgase/Growth **Too physical indicators suggest an illicit discharge is present (Y/N): Is later Pipe No. 6 Flowing? EcTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Indicator Odor Color Turbidity Flook Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Parameter Result Temperature (degrees F) Flook Conductivity (aS) Specific Conductivity (aS) Specific Conductivity (aS) Salinity (ppn S) Ammonia (mgl.) Ammonia (mgl.) Ammonia (mgl.) Ectic (ful 100m.L) Ectic (ful 100m.L) Ectic (ful 100m.L) Flook sent to Lab or CHEMED Sent to Leab or CHEMED Sent to Lab	CTION 3F: IN	LET PIPE NO. 6 PHYSICAL	LINDICATORS				
Pop Quality Pop Quality Pop Quality Pop Agrace frowth Pop Pop Agrace frowth Pop	Deposits/Stains Fool Quality Stains Pool Quality Stains		Indicator		Indicator Present?		Indicator Description	
Pool Quality	Pool Quality		Asset Damage					
Pipe Algae/Growth	Pipe Algae/Growth *Do physical indicator's suggest an illicit discharge is present (Y/N): Is lattler Pipe No. 6 Flowing? ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLOWING ASSETS) Indicator Indicator Indicator Indicator Indicator Color Turbidity Floatables (Does Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Parameter Result Temperature (degrees F) Specific conductivity (aS) Specific Conductivity (aS) Salinity (ppn S) Chlorine (ppn) Ammonia (mgl.) Ammonia (mgl.) Extract Heart Surface (Edge 1 Heart Surface) Ammonia (mgl.) Extract Heart Surface (Edge 1 Heart Surface) Ammonia (mgl.) Extract Heart Surface (Edge 1 Heart Surface) Ammonia (mgl.) Extract Heart Surface Heart Surface) Extract Heart Surface Heart S		Deposits/Stains					
**Do physical indicators suggest an illicit discharge is present (V/N): Is later Tipe No.6 Flowing? Estimated GPM:	**Pophysical indicators suggest an illicit discharge is present (Y/N): Is latter Pipe No. 6 Powing? Estimated of Est		Pool Quality					
Estimated GPM: Esti	Estimated of							
Indicator Indicator Present (Yes/No) Description Severity Odor Color Turbidity Floatables (Does Not Include Trash) SCITION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) SAmple Date/Time: Parameter Result Typical EPA Benchmarks Equipment Timperature (degrees F) Pil EXTECH EC500 Specific Conductivity (us) Specific Conductivity (us) Specific Conductivity (us) Salinity (ppm S) Choirie (ppm) Parameter Result Pipe No. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment EXTECH EC500 EXTECH EC500 Specific Conductivity (us) Specific Conductivity (us) Specific Conductivity (us) Sulfairty (ppm S) Choirie (ppm) Parameter Result Pipe No. 1 EXTECH EC500 Sulfairty (ppm S) Sulfairty (p	Indicator Indicator Present (Yes/No) Description Second Color Color Turbidity Floatables (Does Not Include Trash) ECTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (ALL FLOWING ASSETS) Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment Temperature (degrees F) EXTECH ECS Specific Conductivity (aS) EXTECH ECS Salinity (ppm S) EXTECH ECS Sa	*Do phy						
Indicator	Indicator		Is Inlet Pipe No.6 Flor	wing?			Estima	ted GPM:
Odor Color	Odder	CTION 3F: IN	LET PIPE NO. 6 PHYSICAL					
Color	Color Turbidity			Indicator Presen	it (Yes/No)	Description		Severity
Turbidity	Turbidity Floatables (Does Not Include Trash)			The second second				
Flostables (Does Not Include Trainh)	Floatables (Does Not Include Trash)							
Sample Date/Time: Farameter Result Typical EPA Benchmarks Equipment	Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment							
Sample Date/Time:	Sample Date/Time: Parameter Result Typical EPA Benchmarks Equipment	Floatables (Do	oes Not Include Trash)					*
Temperature (degrees F)	Temperature (degrees F)	Samp	le Date/Time:	G/TESTING RESULTS (A				
pH EXTECH EC500 Specific Conductivity (uS) EXTECH EC500 Saliality (ppm S) EXTECH EC500 Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-9400 E.celi (rdw100mL) > >135 rdw100mL To be sent to Lab Enterococcus (rdw100mL) >61 rdw100mL To be sent to lab	Description				Result	Typical EPA Benchmarks		
Specific Conductivity (uS)	Specific Conductivity (uS)	1 empera						
Salinity (ppm S) EXTECH EC500 Chlorine (ppm) ≥ Reporting Unit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kir K-9400 E.coli (cfu/100mL) ≥ 215 cfu/100mL To be sent to lab Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to lab	Salinity (ppm S) EXTECT ECS Chlorine (ppm) 2 Reporting Umit Hach Test Strit Ammonia (mg/L) 2.0.5 mg/L Hach Test Strit Surfactants (mg/L) 2.0.25 mg/L To be sent to Lab or CHEMets D E.coli (cfw/100mL) > 23.5 cfw/100mL To be sent to Lab Enterococcus (cfw/100mL) > 61 cfw/100mL To be sent to Lab	Specific (
Chlorine (ppm) ≥ Reporting Limit Hach Test Strips Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kir K-9400 E.coli (rdw100mL) > 23 55 cfw100mL To be sent to lab Enterococcus (rdw100mL) > 61 cfw100mL To be sent to lab	Chlorine (ppm) ≥ Reporting Limit Hach Test Sti Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Sti Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHE/Mets D E.coli (cfu/100mL) > 235 cfu/100mL To be sent to L Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to L							
Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Strips Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-9400 E.coli (cfw100mL) > 23.55 cfw100mL. To be sent to lab Entercocccus (cfw100mL) >61 cfw100mL To be sent to lab	Ammonia (mg/L) ≥ 0.5 mg/L Hach Test Str Surfactants (mg/L) ≥ 0.25 mg/L To be sent to Lab or CHE/Mets D E.coli (cfur/100mL) > 23.5 cfu/100mL. To be sent to L Entercoccus (cfur/100mL) > 61 cfur/100mL. To be sent to L					> Reporting Limit		
Surfactants (mg/L) 2 0.25 mg/L To be sent to Lab or CHEMets Detergents Kit K-9400 E.coli (cfu/100mL) > 235 cfu/100mL To be sent to lab Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to lab	Surfactants (mg/L) 2 0 25 mg/L To be sent to Lab or CHEMets D E.coli (cfu/100mL) > 235 cfu/100mL To be sent to Lab or CHEMets D Enterococcus (cfu/100mL) > 61 cfu/100mL To be sent to L							
E.coli (cfw100mL) > 235 cfw100mL To be sent to lab Enterococcus (cfw100mL) > 61 cfw100mL To be sent to lab	E. coli (cfw100mL) > 235 cfw100mL To be sent to 1 Enterococcus (cfw100mL) > 61 cfw100mL To be sent to 1							
Enterococcus (cfu100mL) >61 cfu/100mL To be sent to lab	Enterococcus (cfu/100mL) >61 cfu/100mL To be sent to 1							
TO be deter to rate	10 (6 201 0)					- or or or or or or		
		. Adap	, "g =/				TO be ser	
Comments:			_					
Connects.								
	Signature of							
Signature of	Inspector:		1.					

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Haverhill IDDE Inspection Form Outfall

SECTION 1: B	ACKGROUND DATA				i de la companya de		
ASSET ID:	MR1164			OUTFALL ID	MR1164		
Date/Time:	2019-07-29 7:50:00						
Temperature: °F	75			Inspector(s):	Carrie Prescott Andres Hu Beckworth Erin McGuire Ev	urtado Samuel Marinez Zebulan	Day Derek
Street Name/Stru	cture Location:	Cross Country		inspector(s).	beening injection recording		
	cipitation Date/End Time:	2019-07-23 10:45:00	Amount (inches)	: 1.2			
Pictures							
SECTION 2.0	OUTFALL PIPE ASSET I	APPOPULATION					
Location	Upstream Ass		Material		Shape	Diameter/Dimen	sion (in.) Submerged
	DMH-9712				Circle	36	In Water: No
Outfall Pipe	DMH-9712	Reinforced Concrete			Circle	36	With Sediment: No
anamay a o	very contract page product	I I I I I I I I I I I I I I I I I I I		-			
SECTION 3: 0	OUTFALL PIPE PHYSIC				_		
	Indic		Indicator Present?			Indicator Descript	ion
	Asset Da		None None				
	Deposits. Pool Q		None				
	Pipe Algae		None		-		
*Do r		illicit discharge is present (Y/N):	No				
50)	Is Inlet Pipe N		Yes		Sub	stantial	Estimated GPM: 10
SECTION 4: C	DITEALL PIPE PHYSIC	AL INDICATORS (ALL FLOWING A	(SSETS)				
SECTION 4. C	Indicator	Indicator Present (Yes/			Description		Severity
	Odor	No No	10)		Description		severny
	Color	No					
	Turbidity						Clear
Floatables ((Does Not Include Trash)	No					•
Charles and the same of	CONTRACTOR OF THE PARTY OF THE	ING/TESTING RESULTS (ALL FLOY	(ING ASSETS)				
Sar	mple Date/Time:	2019-07-29 7:47:00		1			
-	Parameter	Res 72		Тур	cal EPA Benchmarks		Equipment EXTECH EC500
Temp	erature (degrees F) pH	7.		-			EXTECH EC500
Specifi	ic Conductivity (uS)	181					EXTECH EC500
	alinity (ppm S)	47					EXTECH EC500
	Chlorine (ppm)	e			≥ Reporting Limit		Hach Test Strips
	mmonia (mg/L)				≥ 0.5 mg/L		Hach Test Strips
	rfactants (mg/L)	<0.	05	1	≥ 0.25 mg/L		or CHEMets Detergents Kit K-9400
	coli (cfu/100mL)				> 235 cfu/100mL		To be sent to lab
	ococcus (cfu/100mL)	241	2.6		> 61 cfu/100mL		To be sent to lab
Pho	osphorus (mg/L)						To be sent to lab
		V.					
Comments:							
Signature of Inspector :	KW						

Haverhill IDDE Inspection Form Drain Manhole

SECTION 1: B.	ACKGROUND DATA							
ASSET ID:	DMH-9712 2019-07-29 8:00:00			OUTF	ALL ID: MR1164			
Date/Time:					Carrie Prescott Andres Hu	rtado Samuel Marinez Zebulan	Day Derek	
Temperature: °F Street Name/Struc		Wall St		Inspec	tor(s): Beckworth Erin McGuire Eve	elynn Cousey		
	cipitation Date/End Time:	2019-07-23 10:45:00		Amount (inches): 1.2				
Pictures								
SECTION 2: O	OUTLET PIPE ASSET DE	SCRIPTION						
Location	DMH Interior Co		Material		Shape	Diameter/Dimension (in.)	Submerged	
DMH Outlet Pipe	Excellent	Reinforce	d Concrete		Circle	36	In Water: No	
							With Sediment: No	
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION						
Location	Upstream Asset ID	Material	Clock Postion (Out		Shape	Diameter/Dimensi		No
Inlet Pipe No. 1	DMH-7738	Concrete	12:0	0	Circle	36		No
SECTION 3A:	the state of the s						7.5	
			Inc	licator Present?		Indicator Description	on	
	Deposits/S	Stains		None				
	e No. 1 DM4-7738 Reinforced Concrete N 3A: INLET PIPE NO. 1 PHYSICAL INDICATORS Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is Intel Pipe No. 1 Physical Indicator Preset Odor Indicator Preset Odor No Color No			None None				
*Do p				No				
	Is Inlet Pipe No	.1 Flowing?		Yes	Subs	tantial	Estimated GPM:	10
SECTION 3A:			A STATE OF THE PARTY OF THE PAR					
		Indicator Present (Yes	/No)		Description		Severity	_
	Color							
Pleatables (Turbidity	. No			•		Clear	
	Does Not Include Trash) INLET PIPE NO. 1 SAMI	No PLING/TESTING RESULTS (ALL F	LOWING ASSETS)	-0				
THE RESERVE OF THE PARTY OF THE	nple Date/Time:	2019-07-29 8:00:00						
	Parameter		sult		Typical EPA Benchmarks		Equipment	
Tempe	erature (degrees F) pH		71				XTECH EC500 XTECH EC500	
Specific	ic Conductivity (uS)	9	17				XTECH EC500	
	alinity (ppm S)		53				XTECH EC500	
	hlorine (ppm) mmonia (mg/L)		9		≥ Reporting Limit ≥ 0.5 mg/L		ach Test Strips ach Test Strips	
	rfactants (mg/L)		.05		≥ 0.25 mg/L		CHEMets Detergents Kit K-9400	
	oli (cfu/100mL)				> 235 cfu/100mL		o be sent to lab	
	osphorus (mg/L)	128	13.3		> 61 cfu/100mL		o be sent to lab o be sent to lab	
-								
	INLET PIPE NO. 2 ASSE			22				
Location	Upstream Asset ID	Material Reinforced	Clock Postion (Out		Shape	Diameter/Dimens		No
Inlet Pipe No. 2	Unknown	Concrete	2:00		Circle	12		No
SECTION 3B:	INLET PIPE NO. 2 PHYS							
	Asset Dat		Inc	None		Indicator Description	00	
	Deposits/S			None				
	Pool Qu Pipe Algae/			None None				
*Do p	physical indicators suggest an i	llicit discharge is present (Y/N):		No				
	Is Inlet Pipe No			No			Estimated GPM:	
SECTION 3B:	INLET PIPE NO. 2 PHYS Indicator	SICAL INDICATORS (ALL FLOWI Indicator Present (Yes			December		Severity	
	Odor	indicator resent (res	/		Description		sam,	
	Color Turbidity							
Floatables (1	Does Not Include Trash)				<u> </u>		-	
		PLING/TESTING RESULTS (ALL F	LOWING ASSETS)					
	nple Date/Time:							
	Parameter	Re	sult		Typical EPA Benchmarks	E	Equipment XTECH EC500	
						E	XTECH EC500	
Tempe	erature (degrees F) pH							
Tempe Specific	erature (degrees F) pH ic Conductivity (uS)				> Parastina Limit		XTECH EC500	
Tempe Specific Sa	erature (degrees F) pH ic Conductivity (uS) alinity (ppm S)				≥ Reporting Limit ≥ Reporting Limit	E	XTECH EC500	
Specific Sa C	erature (degrees F) pH ic Conductivity (uS)				≥ Reporting Limit ≥ 0.5 mg/L	E H H	XTECH EC500 lach Test Strips lach Test Strips	
Specific Sa Ci An Sur	erature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	E H To be sent to Lab or	XTECH EC500 lach Test Strips lach Test Strips CHEMets Detergents Kit K-9400	
Specific Sa CC An Sur E.cc	erature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Calorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfu/100mL)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	E H To be sent to Lab or	XTECH EC500 lach Test Strips lach Test Strips CHEMets Detergents Kit K-9400 o be sent to lab	
Specific Sa Cl An Sur E.c.e	erature (degrees F) pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	E H To be sent to Lab or T	XTECH EC500 lach Test Strips lach Test Strips CHEMets Detergents Kit K-9400	

SECTION 3C: II	NLET PIPE NO. 3 ASSE	T DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Outle	Pipe at 6:00)	Shape	Diameter/	Dimension (in.) Submerg
Inlet Pipe No. 3							In Water: With Sediment:
SECTION 2C. P	NLET PIPE NO. 3 PHYS	CAL INDICATORS					
SECTION SC: II	Indicat		Indi	cator Present?		Indicator D	escription
	Asset Da		Thus.	Cartor 17454MV			
	Deposits/S						
	Pool Qu Pipe Algae/						
*Do ph		llicit discharge is present (Y/N):					
	Is Inlet Pipe No						Estimated GPM:
SECTION 3C: II	NLET PIPE NO. 3 PHYS	SICAL INDICATORS (ALL FLOWI	NG ASSETS)				
	Indicator	Indicator Present (Yes	/No)		Description		Severity
	Odor Color						
	Turbidity						
Floatables (D	oes Not Include Trash)						
SECTION 3C: I	NLET PIPE NO. 3 SAM	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)				
	ple Date/Time:						
	Parameter	Re	sult		Typical EPA Benchmarks		Equipment EXTECH EC500
Temper	pH						EXTECH EC500
	Conductivity (uS)						EXTECH EC500
	linity (ppm S)						EXTECH EC500
	lorine (ppm)				≥ Reporting Limit		Hach Test Strips Hach Test Strips
	monia (mg/L) factants (mg/L)				≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent to	o Lab or CHEMets Detergents Kit K-940
	di (cfu/100mL)				> 235 cfu/100mL		To be sent to lab
Enteroce	occus (cfu/100mL)				>61 cfu/100ml.		To be sent to lab
Phos	sphorus (mg/L)						To be sent to lab
SECTION 3D- T	NLET PIPE NO. 4 ASSE	T DESCRIPTION					
Location Location	Upstream Asset ID	Material	Clock Postion (Outle	t Pipe at 6:00)	Shape	Diameter	Dimension (in.) Submerg
							In Water:
Inlet Pipe No. 4							With Sediment:
SECTION 3D: I	NLET PIPE NO. 4 PHYS	TAIN THE PROPERTY OF THE PARTY					
	Indica		Indi	cator Present?		Indicator D	escription
	Asset Da Deposits/						
-	Pool Qu						
	Pipe Algae/						
*Do ph	hysical indicators suggest an i Is Inlet Pipe No	llicit discharge is present (Y/N):					Estimated GPM:
SECTION 3D: I		SICAL INDICATORS (ALL FLOW	ING ASSETS)				
The second secon	Indicator	Indicator Present (Yes			Description		Severity
	Odor			1			
	Color Turbidity						
	Poes Not Include Trash)	-					
Annual Contract of the Contrac	A CONTRACTOR OF THE PARTY OF TH	PLING/TESTING RESULTS (ALL F	The second second				
e			LOWING ASSETS)				
SAM	ple Date/Time:		LOWING ASSETS)				
	Parameter	Re	esult		Typical EPA Benchmarks		Equipment
	Parameter rature (degrees F)	Re			Typical EPA Benchmarks		EXTECH EC500
Temper	Parameter rature (degrees F) pH	Re			Typical EPA Benchmarks		
Temper Specific	Parameter rature (degrees F)	Re			Typical EPA Benchmarks		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Temper Specific Sal Ch	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S)	Re			≥ Reporting Limit		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips
Temper Specific Sal Ch	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) alorine (ppm) amonia (mg/L)	Re			≥ Reporting Limit ≥ 0.5 mg/L	Taka	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
Temper Specific Sal Ch Am Surf	Parameter rature (degrees F) pH	Re			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	To be sent t	EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940
Temper Specific Salt Ch Am Surf	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) alorine (ppm) amonia (mg/L)	Re			≥ Reporting Limit ≥ 0.5 mg/L	To be sent t	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab
Temper Specific Salt Ch Am Surf E.co	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) loirine (ppm) monia (mg/L) factants (mg/L) oli (cfu/100mL)	Re			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL	To be sent t	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEME Steergents Kit K-940 To be sent to lab
Temper Specific Sal Ch Am Surf E.co Enterocc	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slovine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) upphorus (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL	To be sent t	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab
Temper Specific Sal Ch Am Surf E.co Enterocc Phos	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) smonia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE	T DESCRIPTION	esult	Pine at 6.00	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hab.T est Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab
Specific Sal Ch Am Surf Ecco Enteroce Phos SECTION 3E: II Location	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slovine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) upphorus (mg/L)			f Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In. Waterg
Specific Sala Ch Am Surff E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) jii (cfm/100mL) occus (cfw/100mL) occus (cfw/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID	T DESCRIPTION Material	esult	t Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Submerg
Specific Sala Ch Am Surff E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) smonia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE	T DESCRIPTION Material	esult	t Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips O Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In. Waterg
Specific Sala Ch Am Surff E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) loorine (ppm) lmonia (mg/L) factants (mg/L) occus (cfu/100mL) occus (cfu/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica	T DESCRIPTION Material SICAL INDICATORS	Clock Postion (Outle	t Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL		EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg Mith Sediment: With Sediment:
Specific Sala Ch Am Surff E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) NIET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica Asset Da	T DESCRIPTION Material SICAL INDICATORS for mage	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg Mith Sediment: With Sediment:
Specific Sala Ch Am Surff E.co Enteroce Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) loorine (ppm) lmonia (mg/L) factants (mg/L) occus (cfu/100mL) occus (cfu/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica	T DESCRIPTION Material SICAL INDICATORS for mage	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg Mith Sediment: With Sediment:
Specific Sala Ch Am Surff E.co Enteroco Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) ji (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica Asset Da Deposits/ Pool Qu Pipe Algae'	T DESCRIPTION Material SICAL INDICATORS tor mage Statas ality Growth	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg Mith Sediment: With Sediment:
Specific Sala Ch Am Surff E.co Enteroco Phos SECTION 3E: II Location Inlet Pipe No. 5	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) lolorine (ppm) monia (mg/L) factants (mg/L) loccus (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY Indica Asset Da Deposity Pool Qu Pipe Algset hysical indicators suggest an	T DESCRIPTION Material SICAL INDICATORS tor mage Stains ality Growth Illict discharge is present (V/N):	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Jab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment:
Specific Sala Ch Am Surf E.co Enteroco Phos SECTION 3E: IL Location Inlet Pipe No. 5 SECTION 3E: I Do ph	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposite/ Pool Qu Pipe Algae/ hysical indicators suggest an in Is linet Pipe No.	T DESCRIPTION Material SICAL INDICATORS for mage Stalax ality Growth Blict discharge is present (V/N): 5.5 Flowing?	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg Mith Sediment: With Sediment:
Specific Sala Ch Am Surf E.co Enteroce Phos SECTION 3E: E Location Inlet Pipe No. 5 SECTION 3E: E SE	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slotrine (ppm) monia (mg/L) dictants (mg/L) sli (cfu/100mL) occus (cfu/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY Indica Asset Da Deposits/ Pool Qu Pipe Algae hysical indicators suggest an i Is latel Fipe No. Is latel Fipe No.	T DESCRIPTION Material SICAL INDICATORS stor mage Stalas ality Growth Illictt discharge is present (Y/N): 55 Flowing? SICAL INDICATORS (ALL FLOW)	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Extimated GPM:
Specific Sala Ch Am Surf E.co Enteroce Phos SECTION 3E: E Location Inlet Pipe No. 5 SECTION 3E: E SE	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indica Asset Da Deposite/ Pool Qu Pipe Algae/ hysical indicators suggest an in Is linet Pipe No.	T DESCRIPTION Material SICAL INDICATORS for mage Stalax ality Growth Blict discharge is present (V/N): 5.5 Flowing?	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Jab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment:
Specific Sala Ch Am Surf E.co Enteroco Phos SECTION 3E: IL Location Inlet Pipe No. 5 SECTION 3E: Il "Do pb SEC	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) sphorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica Asset Da Deposits? Pool Qu Pipe Algae' hysical indicators suggest an i Inlet Pipe NO. 5 PHY: Indicator Odor Color	T DESCRIPTION Material SICAL INDICATORS for mage Stalas ality Growth Illicit discharge is present (Y/N); S-5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye	Clock Postion (Outle		≥ Reporting Umit ≥ 0.5 mg/t ≥ 0.25 mg/t > 2.5 cfu/100ml. > 61 cfu/100ml. Shape	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Extimated GPM:
Specific Sal Ch Am Surf Ecco Enteroce Phos SECTION 3E: II *Do ph SECTION 3E: II	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) smonia (mg/L) factants (mg/L) slorine (ppm) smonia (mg/L) scatasts (mg/L) slorine (ppm) smonia (mg/L) scatasts (mg/L) scatasts (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY Indica Asset Da Deposity Pool Qu Pipe Algach systeal indicators suggest an Is Inter Pipe NO. 5 PHY Indicator Odor Color Turbidity	T DESCRIPTION Material SICAL INDICATORS stor mage Stalas ality Growth Illictt discharge is present (Y/N): 55 Flowing? SICAL INDICATORS (ALL FLOW)	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Extimated GPM:
Specific Sala Ch Am Surf E.co Enteroco Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I SECTION 3E: I Floatables (D	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) ophorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicate Asset Da Deposito? Pool Qu Pipe Algae' hysical indicators suggest an in Is Inlet Pipe NO. 5 PHYS Indicator Odor Color Turbidity Poor Vol	T DESCRIPTION Material SICAL INDICATORS tor mage Stalas ality Growth Blict discharge is present (V/N): .5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye)	Clock Postion (Outle		≥ Reporting Umit ≥ 0.5 mg/t ≥ 0.25 mg/t > 2.5 cfu/100ml. > 61 cfu/100ml. Shape	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Jo Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment: Sescription Estimated GPM:
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Temper Specific Sala Ch Am Surf E.co Enterocc Phos SECTION 3E: IL Location Inlet Pipe No. 5 SECTION 3E: II *Do pt SECTION 3E: II Floatables (D SECTION 3E: II Sam Temper	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) monia (mg/L) cetatats (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY Indica Asset Da Deposits' Pool Qu Pipe Algae' hysical indicators suggest an is Inlet Pipe No. NLET PIPE NO. 5 PHY Indicator Color Turbidity Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAM ple Date/Time: Parameter	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Jo Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment: Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I	Parameter rature (degrees F) pH Conductivity (uS) listivity (pm S) storine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicate Asset Da Deposite/ Pool Qu Pipe Algae' hysical indicators suggest an its intel Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAM ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Estimated GPM: Severity Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: ESTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Specific Salt Specific Salt Ch Am Surf E.co Enteroco Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I *Do pt SECTION 3E: I Floatables (D SECTION 3E: I Sam Temper Specific Sal	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) factants (mg/L) lic (ful/100mL) occus (cful/100mL) occus (cful/100mL) sphorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica Asset Da Deposits: Pool Qu Pipe Algae' hysical indicators suggest an i Is linlet Pipe No. NLET PIPE NO. 5 PHY: Indicator Odor Color Turbidity Oces Not Include Trash) NLET PIPE NO. 5 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) linliy (ppm S)	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description	Diameter	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Jo Lab or CHEMets Detergents Kit K-940 To be sent to lab To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment: Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500
Temper Specific Sala Ch Am Surf E.co Enteroco Phos SECTION 3E: IL Location Inlet Pipe No. 5 SECTION 3E: II SECTION 3E: II Topper SECTION 3E: II	Parameter rature (degrees F) pH Conductivity (uS) listivity (pm S) storine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicate Asset Da Deposite/ Pool Qu Pipe Algae' hysical indicators suggest an its intel Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAM ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	Diameter.	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Estimated GPM: Severity Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: But Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: But Estimated GPM:
Specific Salt Ch Am Surf E.co Enteroco Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I SECTION 3E: I Floatables (D SECTION 3E: I SE	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sphorus (mg/L) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHY: Indica Asset Da Deposits: Pool Qu Pipe Algae' physical indicators suggest an i Inlet Pipe NO. 5 PHY: Indicator Odor Color Turbidity Ooes Not Include Trash) NLET PIPE NO. 5 SAM uple Date/Time: Parameter rature (degrees F) pH conductivity (uS) limits (ppm S) lorina (ppm) limonia (mg/L) factants (mg/L) factants (mg/L) factants (mg/L) factants (mg/L)	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.5 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Diameter.	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab To be sent to lab Dimension (in.) Submerg In Water: With Sediment. Estimated GPM: Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Lettlems C500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips Lettlems C500 Lettlems Detergents Kit K-940 Lettlems Detergents Detergents Lettlems Detergents Lettlems Detergents Let
Temper Specific Sal Ch Am Surf E.co Enterocc Phos SECTION 3E: I Location Inlet Pipe No. 5 SECTION 3E: I SECTION 3E: I SECTION 3E: I SECTION 3E: I Chatables (D SECTION 3E: I Sam Temper Specific Sal Ch Am Surf	Parameter rature (degrees F) pH Conductivity (uS) linity (pm S) slorine (ppm) monia (mg/L) factants (mg/L) sli (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 5 ASSE Upstream Asset ID NLET PIPE NO. 5 PHYS Indicac Asset Da Deposito/ Pool Qu Pipe Algae' hysical indicators suggest an its inter Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 5 SAM uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) imminia (mg/L)	T DESCRIPTION Material SICAL INDICATORS for mage Status ality Growth Illicit discharge is present (V/N): 5.5 Flowing? SICAL INDICATORS (ALL FLOW) Indicator Present (Ye.	Clock Postion (Outle		2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	Diameter.	EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips Hach Test Strips To be sent to lab Estimated GPM: Severity Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Building: Estimated GPM: Estimated GPM: Estimated GPM: Estimated GPM: Building: Estimated GPM:

.

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submergeo
	Opinional Transition					In Water;
nlet Pipe No. 6						With Sediment:
CTION 3F: I	NLET PIPE NO. 6 PHYSICAL	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do pl	hysical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flor				Estin	nated GPM:
ECTION 3F: I	NLET PIPE NO. 6 PHYSICAL	L INDICATORS (ALL FLO	OWING ASSETS)			
Indicator Indicator Presen		t (Yes/No)	Description		Severity	
	Odor					
	Color					
	Turbidity					
Floatables (I	Does Not Include Trash)					
ECTION 3F: I	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (AI	LL FLOWING ASSETS)			
A CONTRACTOR OF THE PARTY OF TH	The second secon		337.50 (11.103.50.51.0)			
Sam	CTION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (A Sample Date/Time:					
Sam	pple Date/Time: Parameter		Result	Typical EPA Benchmarks	Equipm	
Sam	pple Date/Time: Parameter rrature (degrees F)			Typical EPA Benchmarks	EXTECH	EC500
Sam	pple Date/Time: Parameter stature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500
Sam Tempe Specific	pple Date/Time: Parameter erature (degrees F) pH er Conductivity (uS)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH	EC500 EC500 EC500
Sam Tempe: Specific	pple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S)				EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500
Sam Temper Specific Sal Ct	ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) hlorine (ppm)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test	EC500 EC500 EC500 EC500 Strips
Temper Specific Sal Ct Am	pple Date/Time: Parameter rrature (degrees F) pH Conductivity (uS) linity (ppm S) hobrine (ppm) amonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	EC500 EC500 EC500 EC500 Strips Strips
Temper Specific Sal Cr Am	uple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) ilinity (ppm S) holrine (ppm) anonia (mg/L) factants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Huch Test To be sent to Lab or CHEMe	EC500 EC500 EC500 EC500 Strips Strips ts Detergents Kit K-9400
Sam Temper Specific Sal Ct Am Surt	uple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) ilinity (ppn S) hlorine (ppm) mmonia (mg/L) oli (cfu/100mL)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test To be sent to Lab or CHEMe To be sent	EC500 EC500 EC500 EC500 Strips Strips Its Detergents Kit K-9400 (to lab
Sam Tempe Specific Sai Ct Am Surt Exce	uple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS) ilinity (ppm S) holrine (ppm) anonia (mg/L) factants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Huch Test To be sent to Lab or CHEMe	EC500 EC500 EC500 EC500 Strips Strips ts Detergents Kit K-9400 to lab

Haverhill IDDE Inspection Form Drain Manhole

SECTION 1: B.	ACKGROUND DATA									
ASSET ID:	DMH-7738					OUTFALL ID:				
Date/Time:	2019-07-29 8:01:00						(
Temperature: °F	70					Inspector(s):	Carrie Prescott Andres Ho Beckworth Erin McGuire Ev	rtado Samuel Mar velvnn Cousev	rinez Zebulan Day Der	ek
Street Name/Struc		Cross Country								
	cipitation Date/End Time:	2019-07-23 10:4	5:00		Amount (inches):	1.2				
Pictures										
	and the same of the same	No. of the last								
	UTLET PIPE ASSET DE					1000				
Location	DMH Interior Co	endition		Material			Shape	Diameter	/Dimension (in.)	Submerged
DMH Outlet Pipe										In Water: With Sediment:
		-								With Sediment.
SECTION 3A	INLET PIPE NO. 1 ASSE	T DESCRIPTION)N							
Location	A STATE OF THE PARTY OF THE PAR		laterial	Clast Pastine (Out	at Disc at 6:00)		Fh	lo.	iameter/Dimension (in.)	Submerged
	Upstream Asset ID	-	tateriai	Clock Postion (Outl	et Pipe at 6:00)		Shape	D	iameter/Dimension (in.)	In Water:
Inlet Pipe No. I										With Sediment:
SECTION 3A	INLET PIPE NO. 1 PHY:	SICAL INDICA	rope				Market State of the State of th			Train Separations.
SECTION SAL			IOKS	-	V D			-	Inches December Hom	
	Indica Asset Da			Ind	licator Present?			Ind	icator Description	
-	Deposits/									
-	Pool Qu									
	Pipe Algae/									
*Do p	ohysical indicators suggest an i		resent (Y/N):							
	Is Inlet Pipe No								Esti	mated GPM:
SECTION 3A.	INLET PIPE NO. 1 PHYS		TOPS (ALL FLOWIN	C ASSETS)						
SECTION SA.	A STATE OF THE PARTY OF THE PAR	JICAL LIDICA		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW				_		
	Indicator		Indicator Present (Yes/	No)			Description			Severity
	Odor									
	Color Turbidity	-			_					
Plantables (Does Not Include Trash)	-								
		DI INCOMPONIN	a province and the same	OWNER LOOPING	10.00					
/	INLET PIPE NO. 1 SAM	PLING/TESTIN	G RESULTS (ALL FI	OWING ASSETS)			And the second			
San	nple Date/Time:							,		
	Parameter		Res	ult		Typic	al EPA Benchmarks		Equip	
Tempe	erature (degrees F)								EXTECH	
	pН							-	EXTECH	
	e Conductivity (uS)					-			EXTECH	
	alinity (ppm S)	-					A		EXTECH	
	hlorine (ppm)					- 2	Reporting Limit	-	Hach Tes	
	nmonia (mg/L)						≥ 0.5 mg/L		Hach Tes	
	rfactants (mg/L)						≥ 0.25 mg/L	То		ets Detergents Kit K-9400
	oli (cfu/100mL)						235 cfu/100mL		To be sen	
	coccus (cfu/100mL)	_					> 61 cfu/100mL	_	To be sen	
Pho	osphorus (mg/L)								To be sen	t to lab
enemos: an	TAUL PUT DEPO AND A ACCU	T DECEMBER								
The state of the s	INLET PIPE NO. 2 ASSE				- 40	0.00				
Location	Upstream Asset ID	,	laterial	Clock Postion (Outl	et Pipe at 6:00)		Shape	D	iameter/Dimension (in.)	
Inlet Pipe No. 2										In Water:
-				CITAL COLOR						With Sediment:
SECTION 3B:	INLET PIPE NO. 2 PHYS	A STATE OF THE PARTY OF THE PAR	UKS				A second			
	Indica			Ind	licator Present?			Ind	icator Description	
	Asset Da									
	Deposits/									
	Pool Qu Pipe Algae/						-			
*Do =	ohysical indicators suggest an i		resent (V/N):							
Бор	Is Inlet Pipe No		each (17.1).						Esti	mated GPM:
SECTION 2D	INLET PIPE NO. 2 PHYS	CONTRACTOR OF THE PARTY OF THE	COPS (ALL PLONIES	CASSETS			The second second		Esti	
SECTION SE.		T. T. T. DICK	Indicator Present (Yes/							
	Indicator Odor		inuicator Present (Yes/	10)			Description			Severity
	Celor									
	Turbidity	1								
Floatables (Does Not Include Trash)									1
	INLET PIPE NO. 2 SAM	PI INCAPPEAR	C DECUTE ALL TO	OWING ACCESS.						
The second second second second second		LING/TESTIN	G RESULTS (ALL FI	OWING ASSETS)						
San	nple Date/Time:	-						-		
-	Parameter		Res	uit		Typic	al EPA Benchmarks		Equip	
Tempe	erature (degrees F)	-						-	EXTECH	
P10	pH Conductivity (uS)	-						-	EXTECH	
	c Conductivity (uS)	-					Described (1999)	-		
	alinity (ppm S)	-					Reporting Limit	-	EXTECH	
	hlorine (ppm)	-				5	Reporting Limit	-	Hach Tes	
	nmonia (mg/L)						≥ 0.5 mg/L		Hach Tes	
	factants (mg/L)						≥ 0.25 mg/L	To		ets Detergents Kit K-9400
	oli (cfu/100mL)					235 cfu/100mL		To be sen		
	coccus (cfu/100mL)						> 61 cfu/100mL		To be sen	
Pho	osphorus (mg/L)								To be sen	at to lab

To be sent to lab

Phosphorus (mg/L)

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
Inlet Pipe No. 6						With Sediment:
ECTION 3F: IN	LET PIPE NO. 6 PHYSICA	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Grow					
*Do ph	ysical indicators suggest an illicit o					
	Is Inlet Pipe No.6 Flo	wing?			Estir	nated GPM:
SECTION 3F: IN	LET PIPE NO. 6 PHYSICA	L INDICATORS (ALL FLO	OWING ASSETS)			
	CTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FLC Indicator Indicator Present Odor		(Yes/No)	Description		Severity
	Odor					
	Odor Color					
				•		
	Color					74
Floatables (De	Color Furbidity pes Not Include Trash)	G/TESTING RESULTS (AL	L FLOWING ASSETS)			
Floatables (De SECTION 3F: IN	Color Furbidity oes Not Include Trash) (LET PIPE NO. 6 SAMPLIN		L FLOWING ASSETS)			74
Floatables (De SECTION 3F: IN Samp	Color Furbidity pes Not Include Trash)		L FLOWING ASSETS)	Typical EPA Benchmarks	Equips	
Floatables (De SECTION 3F: IN Samp	Color Furbidity bes Not Include Trash) NLET PIPE NO. 6 SAMPLIN tle Date/Time:				Equips EXTECH	nent
Floatables (De SECTION 3F: IN Samp	Color Furbidity bes Not Include Trash) KLET PIPE NO. 6 SAMPLIN ble Date/Time: Parameter				EXTECH EXTECH	nent EC500 EC500
Floatables (Do SECTION 3F: IN Samp F Temper	Color Turbidity ses Not Include Trash) KLET PIPE NO. 6 SAMPLIN sle Date/Time: arameter ature (degrees F)				EXTECH EXTECH EXTECH	nent EC500 EC500 EC500
Floatables (De SECTION 3F: IN Samp F Temper	Color Turbidity See Not Include Trash) ILET PIPE NO. 6 SAMPLIN de Date/Time: arameter ature (degrees F) pH				EXTECH EXTECH	nent EC500 EC500 EC500
Floatables (Do SECTION 3F: IN Samp F Temper Specific Sali	Color Turbidity See Not Include Trash) SLET PIPE NO. 6 SAMPLIN Be Date/Time: Parameter ature (degrees F) pH Conductivity (uS)				EXTECH EXTECH EXTECH	nent EC500 EC500 EC500 EC500
Floatables (Do SECTION 3F: IN Samp F Temper Specific Sali	Color Turbidity ses Not Include Trash) (LET PIPE NO. 6 SAMPLIN (LET PIPE NO. 6 SAMPLIN (Parameter Laure (degrees F) pH Conductivity (uS) nity (ppm S)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH EXTECH	eent EC500 EC500 EC500 EC500 EC500
Floatables (De SECTION 3F: IN Samp F Temper Specific (Sali Chl	Color Turbidity see Not Include Trash) (LET PIPE NO. 6 SAMPLIN dle Date/Time: arameter ature (degrees F) pH Conductivity (uS) nity (opm S) orine (opm)			Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test	EC500 EC500 EC500 EC500 EC500 Strips Strips
Floatables (Do SECTION 3F: IN Samp F Temper Specific o Sali Chli Amn	Color Turbidity Turbidity Est Not Include Trash) LET PIPE NO. 6 SAMPLIN de Date/Time: arameter atture (degrees F) pH Conductivity (uS) antity orine (ppm) nonia (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	EC500 EC500 EC500 EC500 EC500 Strips Strips Strips ts Detergents Kit K-9400
Floatables (Di SECTION 3F; IN Samp F Temper Specific (Sali Chi Amn Surfa	Color Turbidity KLET PIPE NO. 6 SAMPLIN REAL PIPE NO. 6 SAMPLIN Real Parameter Laure (degrees F) pH Conductivity (uS) nity (ppm S) orine (ppm) monia (mg/L) tectants (mg/L)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test To be sent to Lab or CHEM	EC500 EC500 EC500 EC500 EC500 Strips Strips Strips to Detergents Kit K-9400 to lab

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Haverhill IDDE Inspection Form Drain Manhole

	CKGROUND DATA			lores	ID.		
	0MH-1157 2019-07-29 8:05:00			OUTFALL	AID:		
Temperature: °F 7				Inspector(s	Carrie Prescott Andres Hur Beckworth Erin McGuire Eve	ado Samuel Marinez Zebulan Day Derek	
Street Name/Structu		WATER ST			The event enter to ucontre leve	yan sowej	
Previous Precip	pitation Date/End Time:	2019-07-23 13:45:00		Amount (inches): 1,2	A		
Pictures							
SECTION 2: OU	TLET PIPE ASSET DE	SCRIPTION					
Location	DMH Interior Co		Material		Shape		merged
DMH Outlet Pipe	Good	Reinford	ed Concrete		Circle	36 In. Water: No. With Sediment: No.	
SECTION 3A: IN	NLET PIPE NO. 1 ASSE Upstream Asset ID	The state of the s	Clearly Parenting (Ocean	Lat Direct COO	Chan	In a man of a state of	merged
Inlet Pipe No. 1	CB-7336	Material Reinforced Concrete	Clock Postion (Outl		Shape Circle	Diameter/Dimension (in.) Subr 24 In Water; With Sediment:	No No
SECTION 3A: IN	NLET PIPE NO. 1 PHYS	ICAL INDICATORS		P. L. D			
	Indicat Asset Dat		Ind	None		Indicator Description	
	Deposits/S Pool Qu			None None			
	Pipe Algae/	Growth		None			
*Do phy	ysical indicators suggest an il Is Inlet Pipe No.	licit discharge is present (Y/N):		No Yes	Enhan	antial Estimated GPM:	10
SECTION 3A: IN	The second secon	ICAL INDICATORS (ALL FLOW	ING ASSETS)	103	Subst	ential Estimated GPM:	10
The same of the same of	Indicator	Indicator Present (Ye			Description	Severity	
	Odor Color	No No					
7	Turbidity	NO .				Clear	
Company of the last of the las	oes Not Include Trash)	No				•	
	NLET PIPE NO. 1 SAMI ple Date/Time:	PLING/TESTING RESULTS (ALL 2019-07-29 8:10:00	FLOWING ASSETS)				
	Parameter		esult	1	Typical EPA Benchmarks	Equipment	
Tempera	ature (degrees F)		2.6			EXTECH EC500 EXTECH EC500	
Specific (Conductivity (uS)		873			EXTECH ECS00	
	nity (ppm S)		428 0			EXTECH EC500	
	lorine (ppm) monia (mg/L)		6			11 1 m - c -	
	actants (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips Hach Test Strips	
			0.05		≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K	L-9400
	i (cfu/100mL) occus (cfu/100mL)				≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab	C-9400
	ii (cfu/100mL) occus (cfu/100mL) phorus (mg/L)		67		≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K	-9400
Phosp	occus (cfu/100mL) phorus (mg/L)				≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab	5-9400
Phosp	occus (cfu/100mL)			et Pipe at 6:00)	≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab	L-9400
Phosp SECTION 3B: IN	occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE	T DESCRIPTION	67		> 0.5 mg/L > 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To be sent to lab To be sent to lab	
SECTION 3B: IN Location Inlet Pipe No. 2	occus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID	T DESCRIPTION Material Reinforced Concrete	Clock Postion (Outl		\$0.5 mg/L \$0.25 mg/L >235 cfu/100mL >61 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subn In.Water.	nerged No
SECTION 3B: IN Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID DM(-1156 NLET PIPE NO. 2 PHYS Indicat	T DESCRIPTION Material Reinforced Concrete LCAL INDICATORS or	Clock Postion (Outl	licator Present?	\$0.5 mg/L \$0.25 mg/L >235 cfu/100mL >61 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subn In.Water.	nerged No
SECTION 3B: IN Location Inlet Pipe No. 2	neeus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DM-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits/S	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nage tains	Clock Postion (Outl	licator Present? None None	\$0.5 mg/L \$0.25 mg/L >235 cfu/100mL >61 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subn In Water: With Sediment.	nerged No
SECTION 3B: IN Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID DM(-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dat Description	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nage talins dity	Clock Postion (Outl	licator Present? None	\$0.5 mg/L \$0.25 mg/L >235 cfu/100mL >61 cfu/100mL	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subn In Water: With Sediment.	nerged No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN	neeus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DM-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits Pool Qui Pipe Algae/t ysical indicators suggest an il	T DESCRIPTION Material Reinforced Concrete CAL INDICATORS or nage talins lity Frowth likt discharge is present (V/N);	Clock Postion (Outl	licator Present? None None None None None	>0.5 mg/L >0.25 mg/L >235 cfu/lOomL >61 cfu/lOomL Shape Circle	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab In Water: Diameter/Dimension (in.) Submarticles	merged No No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy	NLET PIPE NO. 2 ASSE Upstream Asset ID DM4-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dat DepositsS Pool Que Pipe Algae/t sysical indicators suggest an in I Inlet Pipe No.	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nage talas lifty Growth Bitt discharge is present (V/N): 2 Flowing?	Clock Postion (Out)	licator Present? None None None	>0.5 mg/L >0.25 mg/L >235 cfu/lOomL >61 cfu/lOomL Shape Circle	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subn In Water: With Sediment.	nerged No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN	necus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D*#4-1156 NLET PIPE NO. 2 PHYS Indicat Asset Das Deposits/S Pool Qui Fipe Algae/t ysical indicators suggest an il Is Inlet Pipe No. 2 PHYS Indicator	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nage talins liky rowsth likit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y/O)	Clock Postion (Out	licator Present? None None None None None	>0.5 mg/L >0.25 mg/L >235 cfu/lOomL >61 cfu/lOomL Shape Circle	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab In Water: Diameter/Dimension (in.) Submarticles	merged No No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicator January (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID DM4-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits/S Pool Que Pipe Algae/t ysical indicators suggest an ii Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nage talias dity Frowth Edit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y/N) No	Clock Postion (Out	licator Present? None None None None None	\$0.5 mg/L \$0.25 mg/L \$0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab In Water: Mith Sediment:	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1	necus (cfu/100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D**/-1156 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits*/ Pool Qui Pipe Algae*(ysical indicators suggest and Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity	T DESCRIPTION Material Reinforced Concrete LCAL INDICATORS or nage talins lity rowth likti discharge is present (V/N): 2 Flowing? LCAL INDICATORS (ALL FLOW No No No	Clock Postion (Out	licator Present? None None None None None	\$0.5 mg/L \$0.25 mg/L \$0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab In Water: Mith Sediment:	merged No No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 Floatables (Do	phorus (mg/L) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID Def-1156 NLET PIPE NO. 2 PHYS Indicat Asset Dar Deposits/S Pool Qui Fipe Algac/t ysical indicators suggest an it In late Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash)	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nauge talans ility Growth Bick discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW No No No No	Clock Postion (Out	licator Present? None None None None None	\$0.5 mg/L \$0.25 mg/L \$0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle Mode	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to Lab Diameter/Dimension (in.) Subm In.Water: With Sediment. Indicator Description Fate Estimated GPM:	merged No No
Phosp SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN	phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D04(-1156 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits/S Pool Que Pipe Algae/d ysical indicators suggest an it Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Ses Not Include Trash) NLET PIPE NO. 2 SAMI	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nage tains lifty Growth licit discharge is present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (V No No No No No No No PLING/TESTING RESULTS (ALL)	Clock Postion (Out	licator Present? None None None None None	\$0.5 mg/L \$0.25 mg/L \$0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle Mode	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab To	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN Samp P	phorus (mg/L) phorus (mg/L) NLET PIPE NO, 2 ASSE Upstream Asset ID Def-1156 NLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qui Fipe Algac/t ysical indicators suggest an it In late Pipe No, NLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO, 2 SAMI obe Date/Time:	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nage talas lifty Growth Indicator Present (V/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (V/N) No No 1 Ho LING/TESTING RESULTS (ALL 2019-07-29 8:25:08	Clock Postion (Out 1:00 Ind	ilicator Present? None None None None Yes	\$0.5 mg/L \$0.25 mg/L \$0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle Mode	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subm In Water 36 With Sediment:	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN Samp P	phorus (cfu100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D04(-1156 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits/S Pool Que Pipe Algae/d ysical indicators suggest an it Is Intel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Ses Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Arrameter ature (degrees F)	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nange tains lifty Growth littid discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y No No No No PlinG/TESTING RESULTS (ALL 2019-07-29 8:25:00	Clock Postion (Out 1:00 Ind Ind ING ASSETS) 3/No) FLOWING ASSETS)	ilicator Present? None None None None Yes	> 0.5 mg/L > 0.25 mg/L > 0.25 mg/L > 235 ctr/100mL > 61 cfu/100mL Shape Circle Mode	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Submark Jin Water: With Sediment.	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN Samp P Tempera	phorus (mg/L) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID Dei-1156 NLET PIPE NO. 2 PHYS Indicate Asset Dat Deposits/S Pool Qui Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Odor Later Institute Institute Later Institute Institu	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nauge talus lifty Growth Indicator Present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y/N) No No No LING/TESTING RESULTS (ALL) 2019-07-29 8:25:08	Clock Postion (Out 1:00 Ind Ind Ind Ind Ind Ind Ind Ind Ind In	ilicator Present? None None None None Yes	> 0.5 mg/L > 0.25 mg/L > 0.25 mg/L > 235 ctr/100mL > 61 cfu/100mL Shape Circle Mode	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subm In Water 36 With Sediment:	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 T Floatables (Do SECTION 3B: IN Samp P Tempers Specific (Salin	phorus (cfu100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D%(-1156 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits/S Pool Que Pipe Algae/A ysical indicators suggest an it Is Inter Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Odor Turbidity NLET PIPE NO. 2 SAMI ple Date/Time: Parameter Parameter Parameter Conductivity (uS) aity (ppm S)	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS or nange tains lifty Growth lift discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y No No No PlinG/TESTING RESULTS (ALL 2019-07-29 8:25:00	Clock Postion (Out 1:00 Ind Ind ING ASSETS) s/No) FLOWING ASSETS) essult 4.8 5.9 7.75	ilicator Present? None None None None Yes	≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Circle Mode Description Fypical EPA Benchmarks ≥ Reporting Limit	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to Lab Diameter/Dimension (in.) Submark Jin Water. With Sediment.	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 Floatables (Do SECTION 3B: IN SECTION 3B: IN Teleptic (Do Section 3B: IN Section 3B: IN Callet (Do Section 3B: IN Call	phorus (mg/L) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID Dei-1156 NLET PIPE NO. 2 PHYS Indicate Asset Dat Deposits/S Pool Qui Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Odor Later Institute Institute Later Institute Institu	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nage tables lity Frowth likit discharge is present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Your No	Clock Postion (Out 1:00 Ind Ind Ind Ind Ind Ind Ind Ind Ind In	ilicator Present? None None None None Yes	> 0.5 mg/L > 0.25 mg/L > 0.25 mg/L > 235 cfw100mL > 61 cfw100mL Shape Circle Mode Description	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to lab Diameter/Dimension (in.) Subb In Water With Sediment Indicator Description Lestimated GPM: Severity Clear Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips	merged No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN 1 1 Tolorables (Do SECTION 3B: IN SECTION 3B: IN Chicken Surfa	phorus (cfu100mL) phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID D%1-1156 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits/S Pool Que Pipe Algae/N sical indicators suggest an it Is Inter Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Deposition of the pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Color Turbidity Deposition of the pipe No. 2 SAMI Deposition of the pipe No. 3 SAMI Deposition of the pipe No.	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of narge talas lifty Growth Indicator Present (V/N): Plowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y/N) No No No 1 Ro	Ind Clock Postion (Out 1:00 Ind Ind Ind FLOWING ASSETS) 4:8 5:9 7:5 1:42 8	ilicator Present? None None None None Yes	≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Circle Mode Description Fypical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.25 mg/L ≥ 0.25 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K To be sent to Lab Substitute In. Water: With Sediment. In. Water: With Sediment. Indicator Description Severity Clear Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K	nerged No No No
SECTION 3B: IN Location Inlet Pipe No. 2 SECTION 3B: IN *Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN SECTION 3B: IN Control of the second	phorus (mg/L) NLET PIPE NO. 2 ASSE Upstream Asset ID Did-1156 NLET PIPE NO. 2 PHYS Indicate Asset Dat Deposits/S Pool Qui Pipe Algae/t ysical indicators suggest an it Is Inter Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Let Pipe No. 2 SAMI Deposity Let Pipe No. 2 PHYS Indicator Odor Color Turbidity Let Pipe No. 2 SAMI Deposity Let Pipe No. 3 SAMI Deposity Let Pipe No. 4 SAMI Deposity Let Pipe No. 5 SAMI Deposity Let Pipe No. 6 SAMI Deposity Let Pipe No. 6 SAMI Deposity Let Pipe No. 7 SAMI Deposity Let Pipe No. 8 SAMI Deposity Let Pipe N	T DESCRIPTION Material Reinforced Concrete ICAL INDICATORS of nage tains lifty Frowth Indicator Present (Y/N): 2 Flowing? ICAL INDICATORS (ALL FLOW Indicator Present (Y/N) No	Clock Postion (Out 1:00 Ind Ind SNO Ind Ind Ind Ind Ind Ind Ind In	ilicator Present? None None None None Yes	≥0.5 mg/L ≥0.25 mg/L ≥0.25 mg/L >23.5 ctr/100mL >61 cfu/100mL Shape Circle Mode Description Fypical EPA Benchmarks ≥ Reporting timit ≥ Reporting timit ≥ 0.5 mg/L	Hach Test Strips To be sent to Lab or CHEMES Detergents Kit K To be sent to Lab To b	nerged No No No

> 235 cfu/100ml

> 61 cfu/100mL

To be sent to lab

To be sent to lab

To be sent to lab

E.coli (cfu/100mL)

Enterococcus (cfu/100mL)

Phosphorus (mg/L)

ing Ha

alet Pipe No. 6 ECTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Asset Damage DepositusVatains Pool Quality Pipe Algae(Growth *Do physical indicators suggest an illicit discharge is present (Y/N):		Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Subme	erged
	rt Fipe No. 6 TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth 'Do physical indicators suggest an illicit discharge is present (V/N): Is Inlet Pipe No. 6 Flowing? TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL F Indicator Indicator Pres Odor Color Turbidity Floatablet (boes Not Include Trash) TION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (Sample Date/Time: Parameter Temperature (degrees F) pil Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.ecol (cfu/100mL) Entercoccus (cfu/100mL) Entercoccus (cfu/100mL) Entercoccus (cfu/100mL)					In Water:	
Inlet Pipe No. 6	Location Upstream Asset ID Material It Pipe No. 6 TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (V/N): Is Inler Pipe No. 6 Flowing? TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL F Indicator Odor Color Tarbidity Floatables (Does Not Include Trash) TION 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (us) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) Surfactants (mg/L) Series (100 100 100 100 100 100 100 100 100 10					With Sediment:	
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAI	INDICATORS					
	Indicator		Indicator Present?		Indicator Description		
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growt	h					
*Do ph							
	Indicator Asset Damage Deposits/Stains Pool Quality Pipe Algae/Growth *Do physical indicators suggest a milliet discharge is present (V/N): Is Inlet Pipe No.6 Flowing? HON 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL Fi Indicator Indicator Press Odor Color Turbidity Floatables (Does Not Include Trash) HON 3F: INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (Sample Date/Time:	wing?			Esti	mated GPM:	
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	VING ASSETS)				
	Is Inlet Pipe No.6 Flowing? CTION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL FI Indicator Indicator Preso Odor Color		(es/No)	Description		Severity	
	*Do physical indicators suggest an illicit discharge is present (Y/N): Is Inlet Pipe No. 6 Flowing? TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL Indicator Odor Color Turbidity Floatables (Does Not Include Trash)						
	Deposits/Stains Pool Quality Pool Quality Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is Inlet Pipe No. 6 Flowing? TION 3F: INLET PIPE NO. 6 PHYSICAL INDICATORS (ALL Indicator Production of the production of the product of the pr						
	Pipe Algae/Growth *Do physical indicators suggest an illicit discharge is present (Y/N): Is Index Pipe No.6 Flowing? ION 3F: INLET PIPE NO.6 PHYSICAL INDICATORS (ALL Indicator Indicator Pr Odor Color Turbidity Floatables (Does Not Include Trash) ION 3F: INLET PIPE NO.6 SAMPLING/TESTING RESULTS Sample Date/Time:						
Floatables (De	oes Not Include Trash)						
SECTION 3F: IN	NLET PIPE NO. 6 SAMPLING	G/TESTING RESULTS (ALL	FLOWING ASSETS)				
P	Turbidity Floatables (Does Not Include Trash) TION 3F; INLET PIPE NO. 6 SAMPLING/TESTING RESULTS (Sample Date/Time:		Result	Typical EPA Benchmarks	Equip		
					EXTECH	EC500	
	ature (degrees F)				EXTECH EXTECH		
Tempera	Sample Date/Time: Parameter Temperature (degrees F) pH					EC500	
Temper:	ature (degrees F) pH Conductivity (uS)				EXTECH	EC500 EC500	
Temper: Specific 6 Sali	ature (degrees F) pH Conductivity (uS) nity (ppm S)			≥ Reporting Limit	EXTECH EXTECH	EC500 EC500 EC500	
Temper: Specific 6 Sali Chl	ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm)			2 Reporting Limit 2.0.5 mg/L	EXTECH EXTECH EXTECH	EC500 EC500 EC500 t Strips	
Specific of Sali	pH Conductivity (uS) nity (ppm S) lorine (ppm) nonia (mg/L)				EXTECH EXTECH EXTECH Hach Tes	EC500 EC500 EC500 t Strips t Strips	1400
Temper: Specific 6 Sali Chl Ama Surfa	ature (degrees F) pH Conductivity (uS) mity (ppm S) forine (ppm) monia (mg/L) actants (mg/L)			≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	EC500 EC500 EC500 t Strips t Strips ets Detergents Kit K-5	¥400
Temper: Specific 6 Sali: Chl Amn Surfa	ature (degrees F) pH Conductivity (uS) mity (ppm S) forine (ppm) monia (mg/L) schaats (mg/L) à (cfu/100mL)			≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH Hach Tes Hack Tes To be sent to Lab or CHEM	EC500 EC500 EC500 t Strips t Strips t Strips ets Detergents Kit K-5 it to Iab) 400

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Haverhill IDDE Inspection Form Drain Manhole

SSET ID:	ACKGROUND DATA				OUTFALL ID				
	2019-07-29 8:11:00				Journalia				
nperature: °F	78				Inspector(s):	Carrie Prescott Andres Hur Beckworth Erin McGuire Eve	tado Samuel Marinez Zebulan Day lynn Cousey	Derek	
eet Name/Struc	cture Location:	BETHANY AVE		Amount (inches					
Pictures	cipitation Date/End Time:	2019-07-23 10:45:80		James (mino	7.1.2				
	UTLET PIPE ASSET DE				_		District Control of the Control	6.1	
Location	DMH Interior Co	ndition	Materia			Shape	Diameter/Dimension (in.)		omerged No
IH Outlet Pipe	Good		Reinforced Concrete			Circle	36	With Sediment:	
CTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION							
Location	Upstream Asset ID	Mater	rial Clock P	ostion (Outlet Pipe at 6:00)		Shape	Diameter/Dimension (in.) Sub	omerged
ılet Pipe No. 1	CB-3358	Reinforced Concrete		10:00		Circle	12	In Water: With Sediment:	No No
CTION 3A:	INLET PIPE NO. 1 PHYS		S					Manu Segiment:	ю
	Indicat	or		Indicator Present?			Indicator Description		
	Asset Dar Deposits/S			None None					
	Pool Qua			None None					
	Pipe Algae/G	Growth		None					
*Do p	ohysical indicators suggest an il Is Inlet Pipe No.		(Y/N):	No No				Estimated GPM:	
CTION 3A: I			S (ALL FLOWING ASSET						
	Indicator	Inc	licator Present (Yes/No)			Description		Severity	
	Odor Color								
	Turbidity								
	Does Not Include Trash)								
	INLET PIPE NO. 1 SAMI nple Date/Time:	LING/TESTING R	ESULTS (ALL FLOWING	ASSETS)					
	Parameter		Result		Typi	cal EPA Benchmarks	Equ	uipment	
Tempe	erature (degrees F)						EXTE	CH EC500	
Specific	pH c Conductivity (uS)				-			CH EC500	
	alinity (ppm S)							CH ECSOO	
	hlorine (ppm)					≥ Reporting Limit	Hach	Test Strips	
	nmonia (mg/L)					≥ 0.5 mg/L	Hach	Test Strips	
Surt	rfactants (mg/L)					≥ 0.25 mg/L	Hach To be sent to Lab or CHI	EMets Detergents Kit I	K-9400
Suri E.co Enteroc	rfactants (mg/L) coli (cfu/100mL) coccus (cfu/100mL)						Hach To be sent to Lab or CHI To be To be	EMets Detergents Kit I sent to lab sent to lab	K-9400
Suri E.co Enteroc	rfactants (mg/L) roli (cfu/100mL)					≥ 0.25 mg/L > 235 cfu/100mL	Hach To be sent to Lab or CHI To be To be	EMets Detergents Kit I sent to lab	K-9400
Suri E.cc Enteroc Pho	rfactants (mg/L) coli (cfu/100mL) coccus (cfu/100mL)	T DESCRIPTION				≥ 0.25 mg/L > 235 cfu/100mL	Hach To be sent to Lab or CHI To be To be	EMets Detergents Kit I sent to lab sent to lab	K-9400
Suri E.cc Enteroc Pho	rfactants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) osphorus (mg/L)	Mater	Clock Po	ostion (Outlet Pipe at 6:00)		≥ 0.25 mg/L > 235 cfu/100mL	Hach To be sent to Lab or CHI To be To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged
Enteroc Pho: CCTION 3B: 1 Location	rfactants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) ssphorus (mg/L) INLET PIPE NO, 2 ASSE	CALADI BURNING BURNING	ial Clock Pe	ostion (Outlet Pipe at 6:00)		≥ 0.25 mg/L > 235 cfw/100mL > 61 cfw/100mL	Hach To be sent to Lab or CHI To be To be To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	
Suri E-cc Enteroc Pho: CCTION 3B: I Location	rfactants (mg/L) oli (cfu/100mL) coccus (cfu/100mL) sosphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID	Mater Reinforced Concrete				≥ 0.25 mg/L ≥ 235 cfu/100mL > 61 cfu/100mL	Hach To be sent to Lab or CHI To be To be To be To be To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E-cc Enteroc Pho: ECTION 3B: I Location	rfactants (mg/L) oll (cfu/100mL) occuss (cfu/100mL) sphoras (mg/L) INLET PIPE NO, 2 ASSE/ Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat	Mater Reinforced Concrete ICAL INDICATOR OF		12:00 Indicator Present?		≥ 0.25 mg/L ≥ 235 cfu/100mL > 61 cfu/100mL	Hach To be sent to Lab or CHI To be To be To be To be To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E-cc Enteroc Pho: ECTION 3B: I Location	rfactants (mg/L) oll (cful100mL) occcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D%1-1336 INLET PIPE NO, 2 PHYS	Mater Reinforced Concrete ICAL INDICATOR or nage		12:00		≥ 0.25 mg/L ≥ 235 cfu/100mL > 61 cfu/100mL	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E-cc Enteroc Pho: ECTION 3B: I Location	rfactants (mg/L) oll (cfu/100mL) occuss (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE/ Upstream Asset ID DM4-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qu	Mater Reinforced Concrete ICAL INDICATOR or or nage tains lity		Indicator Present? None Flow Line Colors		≥ 0.25 mg/L ≥ 235 cfu/100mL > 61 cfu/100mL	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E.cc Enteros Pho: ECTION 3B: 1 Location alet Pipe No. 2	rfactants (mg/L) oll (cful100mL) ococcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D%1-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qu Pipe Algae/C	Mater Reinforced Concrete ICAL INDICATOR or nage tains lity Growth	s	Indicator Present? None Flow Line Colors Brown		≥ 0.25 mg/L ≥ 235 cfu/100mL > 61 cfu/100mL	Hach To be sent to Lab or CHI To be Indicator Description	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E.cc Enteros Pho: ECTION 3B: 1 Location alet Pipe No. 2	rfactants (mg/L) oll (cfu/100mL) occuss (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE/ Upstream Asset ID DM4-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qu	Mater Reinforced Concrete ICAL INDICATOR or nage tains lity rrowth licit discharge is present	s	Indicator Present? None Flow Line Colors		2 0.25 mg/L 235 cfu/100mL >61 cfu/100mL Shape Circle	Hach To be sent to Lab or CHI To be Indicator Description	EMets Detergents Kit I sent to lab sent to lab sent to lab	merged No
Suri E.cc Enteroc Pho: ECTION 3B: 1 Location alet Pipe No. 2	rfactants (mg/L) oil (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*94-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dae Deposits/S Pool Qu Pipe Algae'c Obysical indicators suggest an II Is lint Pipe NO. 2 INLET PIPE NO, 2 PHYS Indicators suggest an II Is lint Pipe NO. 1 INLET PIPE NO, 2 PHYS INLET PIPE NO, 2 PHYS	Mater Reinforced Concrete ICAL INDICATOR or nage talins lifty Frowth icit discharge is present 2 Flowing? ICAL INDICATOR	S (ALL FLOWING ASSET	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0 25 mg/L 235 cfu/100mL > 61 cfu/100mL Shape Circle	Hach To be sent to Lab or CHI To be Indicator Description	EMets Detergents Kit I sent to lab sent to lab sent to lab sent to lab lin.) Sub lin.Water: With Sediment.	merged No
Surries Surrie	rfactants (mg/L) oll (cfu/100mL) ococcus (cfu/100mL) sophorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D/91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dat DepositeS Pool Que Pipe Algae' (obsysical indicators suggest and Is Inlet Pipe No. 2 PHYS Indicator	Mater Reinforced Concrete ICAL INDICATOR or nage talins lifty Frowth icit discharge is present 2 Flowing? ICAL INDICATOR	S (ALL FLOWING ASSET	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0.25 mg/L 235 cfu/100mL >61 cfu/100mL Shape Circle	Hach To be sent to Lab or CHI To be Indicator Description	EMets Detergents Kit I sent to lab sent to lab sent to lab sent to lab lin.) Sub lin.Water: With Sediment.	merged No
Surries Surrie	rfactants (mg/L) oll (cful100mL) occcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-1336 INLET PIPE NO, 2 PHYS Indicat Asset Day Deposits/S Pool Qu Pipe Algae/C obsysical indicators suggest an II Is Inlet Pipe No, INLET PIPE NO, 2 PHYS Indicator Odor Odor	Mater Reinforced Concrete ICAL INDICATOR or nage talins lifty Frowth icit discharge is present 2 Flowing? ICAL INDICATOR	S (ALL FLOWING ASSET	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0 25 mg/L 235 cfu/100mL > 61 cfu/100mL Shape Circle	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri E.cc Enterocore Photo Suri E.cc Enterocore Photo Suri Enterocore Photo Suri Enterocore Enteroc	rfactants (mg/L) oll (cfu/100mL) ococcus (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID DMi-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar DepositsS Pool Que Pipe Algae C obspical indicators suggest an Is Inter Pipe No. INLET PIPE NO, 2 PHYS Indicator Godor Color Color	Mater Reinforced Concrete ICAL INDICATOR or nage tains Bity Growth licit discharge is present 2 Flowing? ICAL INDICATOR	S ((V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0 25 mg/L 235 cfu/100mL > 61 cfu/100mL Shape Circle	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri E.cc. Entercore Pho Scrion 3B: 1 Location Location Location Secretary Pho	rfactants (mg/L) oll (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits'S Pool Qu Pipe Algae(f ohysical indicators suggest an il Is Inlet Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Odor Color Turbidity Does Not Include Trash)	Mater Reinforced Concrete ICAL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Inc	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes -	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0.25 mg/L > 2.15 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri Ecc Entercore Phone	rfactants (mg/L) oll (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits'S Pool Qu Pipe Algae(f ohysical indicators suggest an il Is Inlet Pipe No. INLET PIPE NO. 2 PHYS Indicator Odor Odor Color Turbidity Does Not Include Trash)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (ALL FLOWING ASSET licitor Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes		2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri E.cc. Entercore Photo Suri	rfactants (mg/L) oll (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar DeposityS Pool Qua Fipe Algae(** ohysical indicators suggest an ill Is Inlet PIPE NO, 2 PHYS INLET PIPE NO, 2 PHYS Indicator Turbidity Does Net Include Trash) INLET PIPE NO, 2 SAMI nulled Date/Time: Parameter	Mater Reinforced Concrete ICAL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Inc	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brewn	2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab In Water: With Sediment: Estimated GPM: Severity Seable from a dista Clear	omerged No No
Suri E.cc. Entercore Photo Suri	rfactants (mg/L) oll (cful100mL) occcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qu Pipe Algae/C obsysical indicators suggest an II Inlet Pipe No, 2 PHYS Indicator Odor Color Turbidity Does Not Indude Trash) INLET PIPE NO, 2 SAMI ople Date/Time: Parameter rature (degrees F)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes - ESULTS (ALL FLOWING / Result 77. 1	Indicator Present? None Flow Line Colors Brown Yes Yes	Brewn	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri Ecc Entercore Phose EccTION 3B: 1 *Do pl *CCTION 3B: 1 *Do pl EcCTION 3B: 1 Floatables (I ECCTION 3B: 1	rfactants (mg/L) oll (cfu/100mL) ococcus (cfu/100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID DMi-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits'S Pool Qu Pipe Algae'C obspical indicators suggest an il Is Inter Pipe No. INLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity Does Nos Include Trash) INLET PIPE NO, 2 SAMI onlied Trash Onlied Trash INLET PIPE NO, 2 SAMI onlied Trash	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (V/N): S (ALL FLOWING ASSET licitor Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brewn	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab la Water: With Sediment: Severity Leable From a distance of the control of t	omerged No No
Suri E.cc. Entercore Pho CCTION 3B: 1 Location det Fipe No. 2 CCTION 3B: 1 *Do pl CCTION 3B: 1 Floatables (I CCTION 3B: 3B: 1 Floatables (I CCTION 3B: 5 Sam Tempe Specific	rfactants (mg/L) oll (cful100mL) occcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D94-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits/S Pool Qu Pipe Algae/C obsysical indicators suggest an II Inlet Pipe No, 2 PHYS Indicator Odor Color Turbidity Does Not Indude Trash) INLET PIPE NO, 2 SAMI ople Date/Time: Parameter rature (degrees F)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes - ESULTS (ALL FLOWING / Result 77. 1	Indicator Present? None Flow Line Colors Brown Yes Yes	Brown	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab land land land land land land land land	omerged No No
Suri Ecc Entercore Phone Phone EccTION 3B: 1 *Do pl *Do pl *CCTION 3B: 1 *Do pl *Tempe Specific Sala CCTION SB: 1	rfactants (mg/L) oll (cfu/100mL) ococcus (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D/91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposites' Pool Que Pipe Algae' Cobspical indicators suggest an II Is Intel Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI uple Date/Time: Parameter extracted (egrees F) pil c Conductivity (uS) alinity (ppm S) Indout (mg/M)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (ALL FLOWING ASSET licator Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brown	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tei Description Cal EPA Benchmarks Reporting Limit Reporting Limit	Hach To be sent to Lab or CHI To be	EMets Detergents Kit I sent to lab lab la Water: With Sediment: Severity Seable from a dista clear CH ECS00	omerged No No
Suri E.cc. Entercore Phone ECTION 3B: 1 *Do phone ECTION 3B: 1 *Do phone ECTION 3B: 1 *Do phone ECTION 3B: 1 *Tempe Specific Sala Sala Sala Sala Sala Sala Sala Sal	rfactants (mg/L) oll (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits'S Pool Qua Fipe Algae(obsysical indicators suggest an ii Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI nnlet Date/Time: Parameter Parameter erature (degrees F) pfI c Conductivity (uS) Islairy (ppm S) Islairy (ppm S) Islairy (ppm) Immonia (mg/L)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brown	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description cal EPA Benchmarks e Reporting timit 2 0.5 mg/L	Hach To be sent to Lab or CHI To be	Extinated GPM: Seart to lab In Water: With Sediment: Severity Seart to lab Sub In Water: With Sediment: Severity Clear Clear CH EC500 CH	No No No
Suri Ecc Entercore Phone ECTION 3B: I Location I Locati	rfactants (mg/L) oll (cful100mL) occcus (cful100mL) sphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID DM1-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposito/S Pool Qu Pipe Algae/C obsysical indicators suggest an il Is Intel Pipe No. INLET PIPE NO, 2 PHYS Indicator Odor Color Turbidity Does Net Include Trash) INLET PIPE NO, 2 SAMI nple Date/Time: Parameter resture (degrees F) pII c Conductivity (uS) slinity (ppm S) hlorine (ppm) mononia (mg/L) -factants (mg/L)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (ALL FLOWING ASSET licator Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brown	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description cal EPA Benchmarks e Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	Hach To be sent to Lab or CHI To be sent to Lab or CHI To be sent to Lab or CHI	EMets Detergents Kit I sent to lab sent to	No No No
Suri E.c. Entercore Pho ECTION 3B: 1 Location alet Fipe No. 2 ECTION 3B: 1 *Do pl *To pl	rfactants (mg/L) oll (cfu/100mL) osphorus (mg/L) INLET PIPE NO, 2 ASSE Upstream Asset ID D*91-1336 INLET PIPE NO, 2 PHYS Indicat Asset Dar Deposits'S Pool Qua Fipe Algae(obsysical indicators suggest an ii Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO, 2 SAMI nnlet Date/Time: Parameter Parameter erature (degrees F) pfI c Conductivity (uS) Islairy (ppm S) Islairy (ppm S) Islairy (ppm) Immonia (mg/L)	Mater Reinforced COLL INDICATOR or nage tains lity rowth licit discharge is present 2 Flowing? ICAL INDICATOR Ind No LING/TESTING RI	S (V/N): S (ALL FLOWING ASSET licator Present (Yes/No) No Yes	Indicator Present? None Flow Line Colors Brown Yes Yes	Brown	2 0.25 mg/L 2 135 cfu/100mL > 61 cfu/100mL Shape Circle Tri Description cal EPA Benchmarks e Reporting timit 2 0.5 mg/L	Hach To be sent to Lab or CPH To be sent to Lab or CPH	Extinated GPM: Seart to lab In Water: With Sediment: Severity Seart to lab Sub In Water: With Sediment: Severity Clear Clear CH EC500 CH	No No No

SECTION 3C:	INLET PIPE NO. 3 ASS	ET DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3	CB-3357	Reinforced Concrete	6:00	Circle	12 In Water: No With Sediment: No
ECTION 2C.	INITET DIDE NO. 2 DU	And the second s			Widi Schuletti.
ECTION SC:	INLET PIPE NO. 3 PHY Indic	Contract to the Contract of th	Indicator Present?		Indicator Description
	Asset D		None		monator pracipava
	Deposits	s/Stains	None		
	Pool Q		None None		
*Do r	Pipe Alga	e/Growth a illicit discharge is present (Y/N):	No.		
20)	Is Inlet Pipe N		No		Estimated GPM:
ECTION 3C:	INLET PIPE NO. 3 PH	SICAL INDICATORS (ALL FLOW	NG ASSETS)		
	Indicator	Indicator Present (Yes	(No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables ((Does Not Include Trash)				
		MPLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
A COLUMN TO SERVICE AND ADDRESS OF THE PARTY	mple Date/Time:	T			
	Parameter	Re	sult	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)				EXTECH EC500
Specifi	pH ic Conductivity (uS)				EXTECH EC500 EXTECH EC500
	alinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
Ar	mmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)	1		> 235 cfu/100mL > 61 cfu/100mL	To be sent to lab To be sent to lab
	osphorus (mg/L)			- VI CIW IVVIIIL	To be sent to lab
Committee of the Commit	INLET PIPE NO. 4 ASS				
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water; With Sediment;
ECTION 3D:	INLET PIPE NO. 4 PHY	VSICAL INDICATORS			with Segment.
LC HON SD.	Indic		Indicator Present?		Indicator Description
	Asset D		The state of the s		Indicator Procipios
	Deposits				
	Pool Q Pipe Alga-				
*Do p		illicit discharge is present (Y/N):			
	Is Inlet Pipe N				Estimated GPM:
ECTION 3D:	INLET PIPE NO. 4 PHY	SICAL INDICATORS (ALL FLOWI	NG ASSETS)		
	Indicator	Indicator Present (Yes	/No)	Description	Severity
	Odor				
	Color Turbidity				
Floatables ((Does Not Include Trash)				
ECTION 3D:	INLET PIPE NO. 4 SAN	IPLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
San	mple Date/Time:				
-	Parameter	Re	sult	Typical EPA Benchmarks	Equipment
Tempe	erature (degrees F)	1			EXTECH EC500 EXTECH EC500
Specifi	ic Conductivity (uS)				EXTECH EC500
Sa	alinity (ppm S)				EXTECH EC500
	Chlorine (ppm)			≥ Reporting Limit	Hach Test Strips
	mmonia (mg/L)			2 0.5 mg/L	Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400
	rfactants (mg/L)			≥ 0.25 mg/L > 235 cfu/100mL	To be sent to Lab or CHE Mets Detergents Kit K-9400 To be sent to lab
	ococcus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab
Pho	osphorus (mg/L)				To be sent to lab
POTIONAT	This per hime was a second	PT DECORPTION			
	INLET PIPE NO. 5 ASS	The state of the s	Carl Business Co. 11 Principles	2000	les de la constant de
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:
nlet Pipe No. 5					With Sediment:
ECTION 3E:	INLET PIPE NO. 5 PHY	SICAL INDICATORS			
	Indie	ator	Indicator Present?		Indicator Description
	Asset D				
	Deposits Pool Q				
	Pipe Algae	e/Growth			
*Do p	physical indicators suggest an	illicit discharge is present (Y/N):			
normos ar	Is Inlet Pipe N		L		Estimated GPM:
ECTION 3E:	INLET PIPE NO. 5 PHY Indicator	SICAL INDICATORS (ALL FLOWI		P	
	Odor	Indicator Present (Yes	110/	Description	Severity
	Color				
El	Turbidity	•		• 1	
	Does Not Include Trash)	IRLING/TESTING DESIGNATION AND A	LOWING ASSPTE		
CHON 3E:	INLET PIPE NO. 5 SAN mple Date/Time:	IPLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
0	nple Date/Time: Parameter	Re	sult	Typical EPA Benchmarks	Equipment
				- /pro- Data - Authorities	EXTECH ECS00
	erature (degrees F)				EXTECH EC500
Tempe	pН				EXTECH ECSOO
Tempe	pH ic Conductivity (uS)				EXTECH EC500
Tempe Specific Sa	pH ic Conductivity (uS) alinity (ppm S)			> Reporting Limit	
Tempe Specific Sa C	pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm)			≥ Reporting Limit ≥ 0.5 mg/L	Hach Test Strips
Tempe Specific Sa C:	pH ic Conductivity (uS) alinity (ppm S)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	
Tempe Specific Sa C An Sur E.c	pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L) coli (cfu/100mL)			≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
Tempe Specific Sa C An Sur E.c.	pH ic Conductivity (uS) alinity (ppm S) Chlorine (ppm) mmonia (mg/L) rfactants (mg/L)			≥ 0.5 mg/L ≥ 0.25 mg/L	Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400

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Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
						In Water:
et Pipe No. 6						With Sediment:
CTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt		4			
*Do phy	ysical indicators suggest an illicit d				1	11001
	Is Inlet Pipe No.6 Flor				Esti	mated GPM:
CTION 3F: IN	NLET PIPE NO. 6 PHYSICA					
	Indicator	Indicator Present	(Yes/No)	Description		Severity
	Odor					
	Color					
	Turbidity					
Floatables (Do	oes Not Include Trash)					
Floatables (Do	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN		L FLOWING ASSETS)			•
Floatables (Do CCTION 3F: IN Sampl	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time:					
Floatables (Do CCTION 3F: IN Sampl P:	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: Parameter		L FLOWING ASSETS)	Typical EPA Benchmarks	Equip	nent
Floatables (Do CCTION 3F: IN Sampl P:	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN sole Date/Time: Parameter ature (degrees F)				EXTECH	ment EC500
Floatables (Do CTION 3F; IN Sampl P: Tempera	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: Parameter ature (degrees F) pH				EXTECH EXTECH	nent EC500 EC500
Floatables (Do CCTION 3F: IN Sampl P: Tempera Specific C	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: arameter ature (degrees F) pH Conductivity (uS)				EXTECH EXTECH EXTECH	ment EC500 EC500 EC500
Floatables (Do CCTION 3F: IN Sampl P: Tempera Specific C Salin	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN le Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH EXTECH EXTECH	ment EC500 EC500 EC500 EC500
Floatables (Do CCTION 3F: IN Sampl Pri Tempera Specific C Salin Chlo	oes Not Include Trash) NLET PIPE NO. 6 SAMPLIN Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) lorine (ppm)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	nent EC500 EC500 EC500 EC500 t Strips
Floatables (Do CCTION 3F: IN Sampl P: Tempera Specific C Satin Chlo	oes Not Include Trash) VLET PIPE NO, 6 SAMPLIN ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) lootine (ppm) nonia (mg-L)			Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	ment EC500 EC500 EC500 EC500 EC500 t Strips
Floatables (Do CCTION 3F: IN Sampl P: Tempera Specific C Salin Clol Amm Surfac	over Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm) monia (mg/L) kctants (mg/L)			Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	ment EC500 EC500 EC500 EC500 EC500 tC500 tC500 tStrips Strips Strips ats Detergents Kit K-9400
Floatables (Do ECTION 3F: IN Sampl P: Tempera Specific C Salin Chlo Amm Surfac	oer Not Include Trash) VLET PIPE NO, 6 SAMPLIN ole Date/Time: 'arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) notine (ppm) monia (mg/L) tctants (mg/L) ic (refu/100mL)			Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 235 cft/100mL	EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tos To be sent to Lab or CHEM	ment EC500 EC500 EC500 EC500 EC500 t Strips t Strips t Strips t Strips t Old Total Determine Market Market t to lab
Floatables (Do CCTION 3F: IN Sampl P: Tempera Specific C Salin Chlo Amm Surfa E.coli Enterococ	over Not Include Trash) NLET PIPE NO. 6 SAMPLIN ole Date/Time: ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm) monia (mg/L) kctants (mg/L)			Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	ment EC500 EC500 EC500 EC500 EC500 Strips t Strips ts Detergents Kit K-9400 t to lab

Haverhill IDDE Inspection Form Drain Manhole

	DMH-1336					OUTFALL ID					
	2019-07-29 8:36:00					1					
Temperature: °F	77					Inspector(s):	Carrie Prescott Andre Beckworth Erin McGuir	s Hurtado Samuel e Evelynn Cousey	darinez Zebulan Day	Derek	
Street Name/Struct	ture Location:	BETHANY AVE									
Previous Preci	ipitation Date/End Time:	2019-07-23 10:45:80			Amount (inches):	1.2					
								15.	**		
	UTLET PIPE ASSET DE										
Location	DMH Interior Co	ndition		Material			Shape	Diamet	er/Dimension (in.)	In Water: No	
MH Outlet Pipe	Good		Reinforced C	oncrete			Circle		40	With Sediment: No	
ECTION 3A: II	INLET PIPE NO. 1 ASSE	T DESCRIPTION	_	-							
Location	Upstream Asset ID	Material		Clock Postion (Out	let Pipe at 6:00)		Shape		Diameter/Dimension (i	n.) Subm	erged
Inlet Pipe No. 1	SMH-1337	Reinforced		12:0			Circle		36	In Water:	No
		Concrete		12.0					**	With Sediment:	No
SECTION 3A: I	INLET PIPE NO. 1 PHYS Indica	THE RESIDENCE OF THE PARTY OF T		Inc	dicator Present?		T	,	ndicator Description		
	Asset Da	mage		100	None				nucator Description		
	Deposits/S Pool Qu				None None						
	Pipe Algae/	Growth			None						
*Do ph		llicit discharge is present (Y/N	v):		No			W-1-12			
ECTION 3A: II	Is Inlet Pipe No.	SICAL INDICATORS (A	IJ. FLOWING	ASSETS)	Yes		-	Trickle	E	stimated GPM:	0.4
The second secon	Indicator		or Present (Yes/No	Contract of the Contract of th			Description			Severity	
	Odor		No								
	Color Turbidity		No							Clear	_
Floatables (D	Does Not Include Trash)	No								•	
		PLING/TESTING RESUI	LTS (ALL FLC	WING ASSETS)							
	ple Date/Time: Parameter	2019-07-29 8:41:00	Result			Teni	cal EPA Benchmarks		Fau	ipment	
	rature (degrees F)		78.2			1990	cai EFA benemarks			CH EC500	
Succific	pH Conductivity (vS)		7.45							CH EC500	
	Conductivity (uS) linity (ppm S)		1.54							CH EC500 CH EC500	
	ilorine (ppm)		0				≥ Reporting Limit			est Strips	
	monia (mg/L) factants (mg/L)		<0.05				≥ 0.5 mg/L ≥ 0.25 mg/L	-	Hach To be sent to Lab or CHE	est Strips	0400
	oli (cfu/100mL)						> 235 cfu/100mL			sent to lab	9400
	occus (cfu/100mL)						- 255 CILL I COLLIE				
rnos		-	1112.3	2			> 61 cfu/100mL			sent to lab	
	sphorus (mg/L)		1112.3	2						sent to lab	3 3
ECTION 3B: IN	sphorus (mg/L) NLET PIPE NO. 2 ASSE	T DESCRIPTION	1112.3	2							
Location		Material	1112.3	Clock Postion (Out)	let Pipe at 6:00)					n.) Subm	
Location	NLET PIPE NO. 2 ASSE	CONTRACTOR CONTRACTOR	1112.3				> 61 cfu/100mL		To be s	sent to lab	erged No
Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3803 NLET PIPE NO. 2 PHYS	Material Reinforced Concrete SICAL INDICATORS	1112.3	Clock Postion (Outl			> 61 cfu/100mL Shape		To be s Diameter/Dimension (i	n.) Subm	No
Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicat	Material Reinforced Concrete SICAL INDICATORS	1112.3	Clock Postion (Outl	licator Present?		> 61 cfu/100mL Shape		To be s Diameter/Dimension (i	n.) Subm	No
Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Dat DepositeS	Material Reinforced Concrete SICAL INDICATORS for mage Stains	1112.3	Clock Postion (Outl			> 61 cfu/100mL Shape		To be s Diameter/Dimension (li 30	n.) Subm	No
Location Inlet Pipe No. 2	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Data Deposits'S	Material Reinforced Concrete SICAL INDICATORS for mange Stains ality	1112.3	Clock Postion (Outl	licator Present? None None		> 61 cfu/100mL Shape		To be s Diameter/Dimension (li 30	n.) Subm	No
Location Inlet Pipe No. 2 ECTION 3B: If	Upstream Asset ID CB-3803 NLET PIPE NO. 2 PHYS Indicat Asset Dat Deposites Pool Qu:	Material Reinforced Concrete SICAL INDICATORS for mange Stains ality		Clock Postion (Outl	licator Present? None		> 61 cfu/100mL Shape		To be s Diameter/Dimension (li 30	n.) Subm	No
Location Inlet Pipe No. 2 ECTION 3B: In	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3801 NLET PIPE NO. 2 PHYS Indicat Asset Dan Depositors Pipe Algae/h hysical indicators suggest an il	Material Reinforced Concrete SICAL INDICATORS for mage stains diffy Growth Lifeti discharge is present (V/N 2. Flowing?	5):	Clock Postion (Outli	licator Present? None None None None		> 61 cfu/100mL Shape		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm	No
Location Inlet Pipe No. 2 ECTION 3B: If *Do ph	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicat Asset Dat Depositely Pipe Algae(4) dysical indicators suggest an it Is latel Pipe No. NLET PIPE NO. 2 PHYS	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth likel tilischarge is present (V/N 2 Flowing? SICAL INDICATORS (A	i):	Clock Postlon (Outline) 3:00 Ind	licator Present? None None None None		>61 cfu/100mL Shape Circle		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm In Water: With Sedment:	No
Location Inlet Pipe No. 2 ECTION 3B: If *Do ph	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3801 NLET PIPE NO. 2 PHYS Indicat Asset Dan Depositors Pipe Algae/h hysical indicators suggest an il	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth likel tilischarge is present (V/N 2 Flowing? SICAL INDICATORS (A	5):	Clock Postlon (Outline) 3:00 Ind	licator Present? None None None None		> 61 cfu/100mL Shape		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm In.Water: With Sediment:	No
Location Inlet Pipe No. 2 ECTION 3B: II *Do ph	Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicate Asset Date Deposits/S Pool Que Pipe Algaed hysical indicators suggest an it Is latel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth likel tilischarge is present (V/N 2 Flowing? SICAL INDICATORS (A	i): LL FLOWING or Present (Yes/No	Clock Postlon (Outline) 3:00 Ind	licator Present? None None None None		>61 cfu/100mL Shape Circle Description		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm In Water: With Sedment:	No
Location nlet Pipe No. 2 ECTION 3B: II *Do ph	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Da DeposityS Pipe Algae/t hysical indicators suggest an in Is later Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth likel tilischarge is present (V/N 2 Flowing? SICAL INDICATORS (A	i):	Clock Postlon (Outline) 3:00 Ind	licator Present? None None None None		>61 cfu/100mL Shape Circle		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm In Water: With Sedment:	No
Location Inlet Pipe No. 2 ECTION 3B: II *Do ph ECTION 3B: II	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Da DeposityS Pipe Algae/t bysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity bors Not Include Trash)	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth likel tilischarge is present (V/N 2 Flowing? SICAL INDICATORS (A	S): LL FLOWING Present (Yes/No	Clock Postion (Outl	licator Present? None None None None None		>61 cfu/100mL Shape Circle Description		To be s Diameter/Dimension (ii 30 adicator Description	n.) Subm In Water With Sediment: stimated GPM: Severity	No
Location nlet Pipe No. 2 ECTION 3B: If *Do ph ECTION 3B: If Floatables (D. ECTION 3B: If	Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicate Asset Dat Depositivs Pool Qu. Pipe Algaet hysical indicators suggest an it Is latel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time:	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None		> 61 cfu/100mL Shape Circle Description		To be s Diameter/Dimension (ii 30 idicator Description	n.) Subm In Water With Sediment: stimated GPM: Severity	No
Location Inlet Pipe No. 2 ECTION 3B: II *Do ph ECTION 3B: II Floatables (D. ECTION 3B: II Samp	Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Da Deposity's Pool Qu Pipe Algae't hysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	S): LL FLOWING Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None		>61 cfu/100mL Shape Circle Description		To be a Diameter/Dimension (ii 30 indicator Description E	n.) Subm In Water: With Sediment: Severity Severity	No
Location nlet Pipe No. 2 ECTION 3B: II *Do ph ECTION 3B: II Floatables (D: ECTION 3B: II Samp I Temper	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicat Asset Dar DeposityS Pipe Algae/t hysical indicators suggest an in Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trasb) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter Parameter rature (degrees F) pif	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None		> 61 cfu/100mL Shape Circle Description		Diameter/Dimension (ii 30 Idicator Description Equ Extrec	n.) Subm In Water With Sediment: Severity Severity Severity HEC500 HEC500	No
*Do ph ECTION 3B: II Floatables (D. ECTION 3B: II Temper Specific	Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Dan Depositors Pipe Algae/ hysical indicators suggest an it Is later Pipe NO. 2 PHYS Indicator Suggest and it Is later Pipe NO. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Irash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None	Typic	>61 cfu/100mL Shape Circle Description		Diameter/Dimension (ii 30 Indicator Description Equ EXTEC EXTEC	n.) Subm In Water: With Sedment: Severity Severity Severity 1H EC500 H EC500	No
Location Inlet Pipe No. 2 ECTION 3B: In *Do ph ECTION 3B: II Floatables (D) ECTION 3B: II Temper Specific Sali	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicat Asset Dat Depositely Pipe Algae(4) dysical indicators suggest an it Is latel Pipe NO. 2 PHYS Indicator Odor Color Turbidity NLET PIPE NO. 2 SAMI ple Date/Time: Parameter rature (degrees F) pil Conductivity (us) linity (ppm S)	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None	Typic	> 61 cfu/100mL Shape Circle Description EREPA Benchmarks		To be s Diameter/Dimension (ii 30 Idicator Description Equ EXTEC EXTEC EXTEC EXTEC	n.) Subm In Water With Sediment Severity Severity Figure 1 H EC500 H EC500 H EC500	No
Location Inlet Pipe No. 2 ECTION 3B: If *Do ph ECTION 3B: If Floatables (D. ECTION 3B: If Temper Specific Salii Chl	Upstream Asset ID CB-3883 NLET PIPE NO. 2 PHYS Indicat Asset Dan Depositors Pipe Algae/ hysical indicators suggest an it Is later Pipe NO. 2 PHYS Indicator Suggest and it Is later Pipe NO. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Irash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS)	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None	Typic	>61 cfu/100mL Shape Circle Description		Diameter/Dimension (ii 30 Idicator Description Equ EXTEC EXTEC EXTEC EXTEC EXTEC EXTEC EXTEC	n.) Subm In Water: With Sedment: Severity Severity Severity 1H EC500 H EC500	No
Location Inlet Pipe No. 2 ECTION 3B: If *Do ph ECTION 3B: If Floatables (D. ECTION 3B: If Floatables (D. ECTION 3B: If Samp If Temper Specific Sali Chi Amm Surfa	NLET PIPE NO. 2 ASSE Upstream Asset ID CB-3893 NLET PIPE NO. 2 PHYS Indicate Asset Date Proof Qui Pipe Algae(4) dysical indicators suggest an it Is latel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMI ple Date/Time: Parameter Parameter Tarture (degrees F) pif Conductivity (us) linity (ppm S) lotrine (ppm) Imonia (mg/L) factants (mg/L)	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None	Typic	> 61 efu/100mL Shape Circle Circle Description Percentage of the property	b	Equipment For Equipment For Equipment For Equipment For Extre Extr	in i	No No
*Do ph *Do ph *ECTION 3B: II *Do ph *ECTION 3B: II Floatables (D. *ECTION 3B: II *Temper Specific Salii Chi Amu Surfa E.col	NLET PIPE NO. 2 ASSE Upstream Asset ID (B-3883) NLET PIPE NO. 2 PHYS Indicat Asset Da Deposity's Peol Qu Pipe Algae't hysical indicators suggest an it Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Color Turbidity Does Not Include Trash) NLET PIPE NO. 2 SAMI pile Date/Time: Parameter Pa	Material Reinforced Concrete SICAL INDICATORS for mage Stains ality Growth lifett discharge is present (V/N 2 Flowing? ICAL INDICATORS (A Indicator	i): LL FLOWING IF Present (Yes/No	Clock Postion (Outing 3:00 Inc	licator Present? None None None None None	Typic	> 61 efu/100mL Shape Circle Description cal EPA Benchmarks Reporting limit 2 Reporting limit 2 0.5 mg/L	b	Equipment of the second of the	n.) Subm In Water: With Sediment: Severity Severity Severity 1H EC500	No No

SECTION SCIENCE LIFE IN). 3 ASSET DESCRIP	TION					
Location Upstream A	set ID	Material	Clock Postion (Outlet Pipe	at 6:00)	Shape	Diameter/Dimension (in) Submerged
Inlet Pipe No. 3							In Water;
							With Sediment:
SECTION 3C: INLET PIPE N	THE RESERVE TO SERVE THE PARTY OF THE PARTY	CATORS	T			V P	
	Indicator Asset Damage	-	Indicator I	resent?		Indicator Description	
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growth uggest an illicit discharge	is present (V/N):					
	let Pipe No.3 Flowing?	as pressure (1717)				Est	timated GPM:
SECTION 3C: INLET PIPE N	D. 3 PHYSICAL INDI	CATORS (ALL FLOW	ING ASSETS)				
Indicator		Indicator Present (Yes	s/No)	-	Description		Severity
Odor							
Color Turbidity		-					
Floatables (Does Not Include 1	rash)						
SECTION 3C: INLET PIPE N		TING RESULTS (ALL F	FLOWING ASSETS)				
Sample Date/Time:	200000000000000000000000000000000000000						
Parameter		Re	esult		Typical EPA Benchmarks	Equip	oment
Temperature (degrees F)							H EC500
pH Specific Conductivity (uS							H EC500 H EC500
Salinity (ppm S)							H EC500
Chlorine (ppm)					≥ Reporting Limit	Hach Te	
Ammonia (mg/L)					≥ 0.5 mg/L	Hach Te	est Strips
Surfactants (mg/L)					≥ 0.25 mg/L	To be sent to Lab or CHEN	
E.coli (cfu/100mL)					> 235 cfu/100mL	To be se	
Enterococcus (cfu/100mL Phosphorus (mg/L)					> 61 cfu/100mL	To be so	
						1000	
SECTION 3D: INLET PIPE N	0. 4 ASSET DESCRIP	TION					
Location Upstream A	set ID	Material	Clock Postion (Outlet Pipe	at 6:00)	Shape	Diameter/Dimension (in) Submerged
Inlet Pipe No. 4							In Water;
CHOPLON AD THE PER PROPERTY.	A DESIGNATION OF THE PARTY	a i mana					With Sediment:
SECTION 3D: INLET PIPE N	THE RESERVE OF THE PERSON NAMED IN	CATORS					
	Indicator Asset Damage		Indicator F	resent?		Indicator Description	
	Deposits/Stains						
	Pool Quality						
	ipe Algae/Growth						
	uggest an illicit discharge let Pipe No.4 Flowing?	is present (Y/N):				Fee	imated GPM:
SECTION 3D: INLET PIPE N		CATORS (ALL FLOWI	ING ASSETS)			Est	amateu Grist.
Indicator	The state of the s	Indicator Present (Yes			Description		Severity
Odor					2.1111/1011		errany .
Color							
Turbidity Floatables (Does Not Include T	rach)			-			-
SECTION 3D: INLET PIPE N		TING DECIME (ALL F	T OWING ACCETS				
Sample Date/Time:	7.4 SAMPLING/TEST	ING RESULTS (ALL P	LOWING ASSETS)				
Parameter		Re			m / trach t		
Temperature (degrees F)						Fauir	ment
			esult		Typical EPA Benchmarks		H EC500
pH			esuit		Typical EPA Benchmarks	EXTECT EXTECT	HEC500 HEC500
Specific Conductivity (uS			esutt		Typical EPA Benchmarks	EXTECT EXTECT	1 EC500 1 EC500 1 EC500
Specific Conductivity (uS Salinity (ppm S)			sutt			EXTECT EXTECT EXTECT EXTECT	H EC500 H EC500 H EC500 H EC500
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm)			suit		≥Reporting Limit	EXTECT EXTECT EXTECT EXTECT Hach Te	H EC500 H EC500 H EC500 H EC500 st Strips
Specific Conductivity (uS Salinity (ppm S)			rsuit			EXTECT EXTECT EXTECT EXTECT	4 EC500 4 EC500 4 EC500 4 EC500 45 Strips st Strips
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL)			suit		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 ct//100mL	EXTECI EXTECI EXTECI EXTECI EXTECI Hach Te Hach Te To be sent to Lab or CHEN	H EC500 H EC500 H EC500 H EC500 St Strips st Strips to Etc Detregents Kit K-9400 nt to lab
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL) Enterococcus (cfu/100mL)			sort		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECT EXTECT EXTECT EXTECT HARD TE HARD TE TO be sent to Lab or CHEN TO be SET TO be SET TO be SET	EC500 EC500 EC500 EC500 EC500 Strips Strips Gtb Detergents Kit K-9400 Int to lab Int to lab
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL)			sort		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 ct//100mL	EXTECI EXTECI EXTECI EXTECI EXTECI Hach Te Hach Te To be sent to Lab or CHEN	EC500 EC500 EC500 EC500 EC500 Strips Strips Gtb Detergents Kit K-9400 Int to lab Int to lab
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL) Enterocecus (cfu/100mL) Phosphorus (mg/L)		IIION	ssut		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 ct//100mL	EXTECT EXTECT EXTECT EXTECT HARD TE HARD TE TO be sent to Lab or CHEN TO be SET TO be SET TO be SET	EC500 EC500 EC500 EC500 EC500 Strips Strips Gtb Detergents Kit K-9400 Int to lab Int to lab
Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL) Enterococcus (cfu/100mL)	0.5 ASSET DESCRIP	HON Material	Clock Postion (Outlet Pipe	at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 23.5 ct//100mL	EXTECT EXTECT EXTECT EXTECT EXTECT Hach Te To be sent to Lab or CHEN To be se	ECS00 ECS00 ECS00 ECS00 Strips oth Detergens Kit K-9400 nt to lab nt to lab
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Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL) Enterococcus (cfu/100mL) Enterococcus (cfu/100mL) Phosphorus (mg/L) SECTION 3E: INLET PIPE NO Location Upstream A: Inlet Pipe No. 5 SECTION 3E: INLET PIPE NO SECTION 3E: INLET PIPE NO Todor Color Turbidity Floatables (Does Not Include I SECTION 3E: INLET PIPE NO Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L) Surfactants (mg/L) E.coli (cfu/100mL)	D. 5 ASSET DESCRIP Set ID D. 5 PHYSICAL INDIC Indicator Asset Damage Deposits/Stains Fool Quality Type Algae/Growth uggest an Illieft discharge tet Pipe No.5 Flowing? D. 5 PHYSICAL INDIC Tash) D. 5 SAMPLING/TEST	Material CATORS is present (Y/N): CATORS (ALL FLOWI Indicator Present (Yes	Clock Postion (Outlet Pipe : Indicator P Indicator P Indicator P Indicator P Indicator P Indicator P		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL	EXTECT EXTECT EXTECT EXTECT EXTECT Hach Te Hach Te Hach Te To be sent to Lab or CHEN Diameter/Dimension (ia. Diameter/Dimension (ia. Indicator Description Equip Extect EXTECT EXTECT EXTECT EXTECT Hach Te To be sent to Lab or CHEN To be sent to Lab or CHEN	# EC500 # EC50
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Inlet Pipe No. 6	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerged
titlet ripe ivo. a						In Water:
						With Sediment:
SECTION 3F: INL	ET PIPE NO. 6 PHYSICAL	LINDICATORS				
	Indicator		Indicator Present?		Indicator Description	
	Asset Damage					
	Deposits/Stains					
	Pool Quality					
	Pipe Algae/Growt					
*Do physi	ical indicators suggest an illicit d					
	Is Inlet Pipe No.6 Flor				Esti	mated GPM:
SECTION 3F: INL	ET PIPE NO. 6 PHYSICAL	L INDICATORS (ALL FLO	WING ASSETS)			
Inc	dicator	Indicator Present (Yes/No)	Description		Severity
	Odor					
	Color					
	ırbidity	**				
Floatables (Does	s Not Include Trash)					-
SECTION 3F; INL	ET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (ALI	L FLOWING ASSETS)			
	Date/Time:					
	rameter		Result	Typical EPA Benchmarks	Equip	nent
	ure (degrees F)				EXTECH	
	pH				EXTECH	
	onductivity (uS)				EXTECH	
Salinit	ty (ppm S)				EXTECH	
	rine (ppm)			≥ Reporting Limit	Hach Tes	Strips
				≥ 0.5 mg/L	Hach Tes	Strins
	onia (mg/L)					- adv
Ammo Surfact	tants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMe	
Ammo Surfact E.coli (4	tants (mg/L) cfu/100mL)			≥ 0.25 mg/t > 235 cfu/100mL	To be sent to Lab or CHEMe To be sen	ets Detergents Kit K-9400
Ammo Surfact E.coli (c Enterococc	tants (mg/L)					ets Detergents Kit K-9400 t to lab

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Haverhill IDDE Inspection Form Drain Manhole

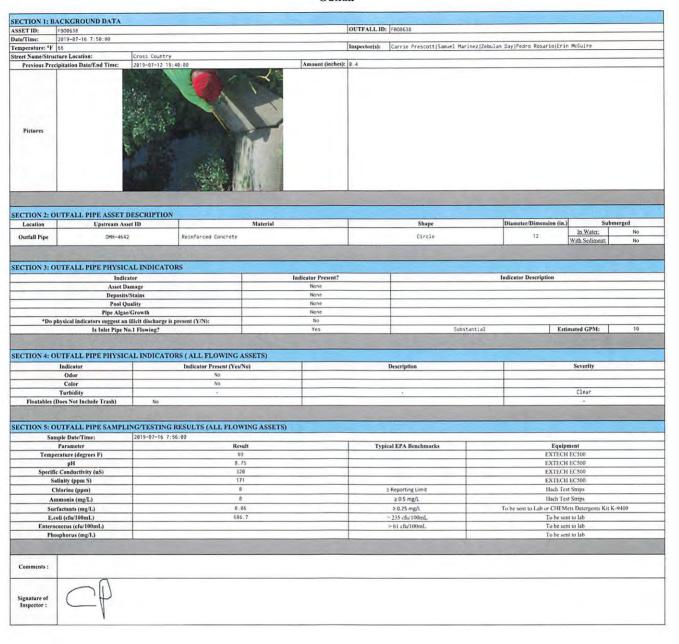
SECTION 1: B	BACKGROUND DATA							
ASSET ID:	SHH-1337				OUTFALL ID		RN/A	
Date/Time:	2019-07-29 8:53:00					Trans - Proceeds Landson III	rtado Samuel Marinez Zebulan Day C	Darak
Temperature: °F	80				Inspector(s):	Beckworth Erin McGuire Ev	elynn Cousey	perex
Street Name/Stru	cture Location:	JAMES P GINTY BLVD						
Previous Pre	cipitation Date/End Time:	2019-07-23 10:45:00		Amount (inches)	1.2			
Pictures								
22								
	OUTLET PIPE ASSET DE							
Location	DMH Interior Con	ndition	Material			Shape	Diameter/Dimension (in.)	Submerged
DMH Outlet Pipe	e							In Water: With Sediment:
								THE SCHOOL
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION						
Location	Upstream Asset ID	Material	Clock Postion	(Outlet Pipe at 6:00)	T	Shape	Diameter/Dimension (i	n.) Submerged
Inlet Pipe No. 1								In Water:
								With Sediment:
SECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATORS	4,					
	Indicat			Indicator Present?			Indicator Description	
	Asset Dar							
	Deposits/S Pool Qua							
	Pipe Algae/6							
*Do		llicit discharge is present (Y/N):						
	Is Inlet Pipe No.	.1 Flowing?					E	stimated GPM:
SECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICATORS (ALL FL	OWING ASSETS)					
	Indicator	Indicator Preser	nt (Yes/No)			Description		Severity
	Odor							
	Color							
	Turbidity	•				•		
	(Does Not Include Trash)	DE INCOPPORTAGE DECIDE TO (II PLOWING LEGI	POTO .				
	THE RESERVE THE PARTY OF THE PA	PLING/TESTING RESULTS (A	ILL FLOWING ASSI	E18)				
Sai	mple Date/Time:		Result		Ton	ical EPA Benchmarks	Four	I
Temp	Parameter perature (degrees F)		Result		Тур	ical EFA Benchmarks		ipment CH EC500
Temp	pH							CH EC500
Specif	fic Conductivity (uS)							CH EC500
S	salinity (ppm S)						EXTEG	CH EC500
(Chlorine (ppm)					≥ Reporting Limit		Test Strips
	mmonia (mg/L)				1	≥ 0.5 mg/L		Test Strips
	rfactants (mg/L)					≥ 0.25 mg/L		Mets Detergents Kit K-9400
	coli (cfu/100mL)					> 235 cfu/100mL		sent to lab
	ococcus (cfu/100mL) osphorus (mg/L)				-	> 61 cfu/100mL		sent to lab
SECTION 3B:	INLET PIPE NO. 2 ASSE	T DESCRIPTION	1 1 E 2					
Location	Upstream Asset ID	Material	Clock Postion	(Outlet Pipe at 6:00)		Shape	Diameter/Dimension (i	n.) Submerged
Inlet Pipe No. 2								In Water:
Timet Tipe : vo. 2								With Sediment:
SECTION 3B:	INLET PIPE NO. 2 PHYS	SICAL INDICATORS						
	Indicat	tor		Indicator Present?			Indicator Description	
	Asset Dar							
	Deposits/S							
	Pool Qui Pipe Algae/							
*Do		llicit discharge is present (Y/N):						
	Is Inlet Pipe No.						E	stimated GPM:
SECTION 3B:	INLET PIPE NO. 2 PHYS	SICAL INDICATORS (ALL FL	OWING ASSETS)					
1	Indicator	Indicator Presen	Charles and the Control of the Contr			Description		Severity
	Odor							
-	Color			-				
Floatables	Turbidity (Does Not Include Trash)					•		
the second secon	Control of the Contro	PLING/TESTING RESULTS (A	LL FLOWING ASSE	ETS)				
STATE OF THE PARTY	mple Date/Time:	A TESTINO RESULTS (A	LLOW LIG ASSI					
341	Parameter		Result		Typ	ical EPA Benchmarks	Fou	ipment
Temp	perature (degrees F)				-,,,			CH EC500
	pH						EXTE	CH EC500
	fic Conductivity (uS)							CH EC500
	Salinity (ppm S)					≥ Reporting Limit		CH EC500
	Chlorine (ppm)					≥ Reporting Limit		Fest Strips
	mmonia (mg/L)					≥ 0.5 mg/L		Test Strips
	rfactants (mg/L)					≥ 0.25 mg/L		Mets Detergents Kit K-9400
						225 ofu/100m2	TO L.	sent to lah
	coli (cfu/100mL)					> 235 cfu/100mL > 61 cfu/100mL		sent to lab
Entere						> 235 cfu/100mL > 61 cfu/100mL	To be	sent to lab sent to lab

SECTION 3C: 1	INLET PIPE NO. 3 ASSE	I DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged In Water:
Inlet Pipe No. 3					With Sediment:
SECTION 2C.	INLET PIPE NO. 3 PHYS	ICAL INDICATORS			
SECTION SC!	Indicat	All the second second second	Indicator Present?		Indicator Description
	Asset Dan				
	Deposits/S				
	Pool Qua Pipe Algae/0				
*Do p	hysical indicators suggest an il	licit discharge is present (Y/N):			
	Is Inlet Pipe No.	A CONTRACTOR OF THE PARTY OF TH			Estimated GPM:
SECTION 3C:	Deliver the second	ICAL INDICATORS (ALL FLOWI			
	Indicator	Indicator Present (Yes	(No)	Description	Severity
	Odor Color				
	Turbidity				
Floatables (I	Does Not Include Trash)				
SECTION 3C:	INLET PIPE NO. 3 SAMI	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
	nple Date/Time:			Typical EPA Benchmarks	Equipment
	Parameter erature (degrees F)	Re	sult	Typical EFA Benchmarks	EXTECH EC500
-	pH				EXTECH EC500
	c Conductivity (uS)				EXTECH EC500 EXTECH EC500
	alinity (ppm S)			≥ Reporting Limit	Hach Test Strips
	hlorine (ppm) nmonia (mg/L)			≥ 0.5 mg/L	Hach Test Strips
	rfactants (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-9400
	roli (cfu/100mL)			> 235 cfu/100mL	To be sent to lab
	coccus (cfu/100mL)			> 61 cfu/100mL	To be sent to lab To be sent to lab
Pho	osphorus (mg/L)				10 to soft to 140
SECTION 3D:	INLET PIPE NO. 4 ASSE	T DESCRIPTION			
Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.) Submerged
Inlet Pipe No. 4					In Water:
					With Sediment:
SECTION 3D:	INLET PIPE NO. 4 PHYS	A CONTRACTOR OF THE PARTY OF TH	15.0		L. H. ata Davidalia
	Indicat Asset Dar		Indicator Present?		Indicator Description
	Deposits/S				
	Pool Qua				
*Do p	Pipe Algae/o physical indicators suggest an il	licit discharge is present (Y/N):			
	Is Inlet Pipe No.				Estimated GPM:
SECTION 3D:	INLET PIPE NO. 4 PHYS	SICAL INDICATORS (ALL FLOWI	NG ASSETS)		
	Indicator	Indicator Present (Yes	/No)	Description	Severity
	Odor				
	Turbidity				
Floatables (Does Not Include Trash)				
THE PARTY NAMED IN COLUMN TWO	Does Not Include Trash)	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
SECTION 3D: San	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time:	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		
SECTION 3D: San	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter		LOWING ASSETS)	Typical EPA Benchmarks	Equipment
SECTION 3D: San	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F)			Typical EPA Benchmarks	Equipment EXTECH ECS00
SECTION 3D: San	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter			Typical EPA Benchmarks	Equipment
SECTION 3D: San Tempe Specific	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F) pH ic Conductivity (uS) alinity (ppm S)				Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
SECTION 3D: San Tempe Specific San C	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter Parameter Parative (degrees F) pH c Conductivity (uS) aliativy (ppm S) chlorine (ppm)			≥ Reporting Limit	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips
SECTION 3D: San Tempe Specific San C An	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S) Thorine (ppm) mmonia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips
SECTION 3D: San Tempe Specific San C An	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter Parameter Parative (degrees F) pH c Conductivity (uS) aliativy (ppm S) chlorine (ppm)			≥ Reporting Limit	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips
SECTION 3D: San Tempe Specific San C An Sur E.c. Entero	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S) Thorine (ppm) mmonia (mg/L) factants (mg/L) occcus (cfu/100mL) coccus (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
SECTION 3D: San Tempe Specific San C An Sur E.c. Entero	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F) pH ic conductivity (uS) alianity (ppm S) hlorine (ppm) mmonia (my/L) fractants (mg/L) eli (cfu/100mL)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or C'HEMets Detergens Kit K-9400 To be sent to Lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteron	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F) pH is c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) roccus (cfu/100mL) oophorus (mg/L)	Re		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteron	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (oppm S) Talborine (oppm) mmonia (mg/L) fractant (mg/L) occus (efu/100mL) coccus (efu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE	Re	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to Lab To be sent to lab To be sent to lab
SECTION 3D: San Tempe Specific SS C An Sur Entero Pho SECTION 3E: Location	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F) pH is c Conductivity (uS) alinity (ppm S) Thiorine (ppm) mmonia (mg/L) rfactants (mg/L) roccus (cfu/100mL) oophorus (mg/L)	T DESCRIPTION		≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteror Pho SECTION 3E: Location Inlet Pipe No. 5	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees P) pil c Conductivity (uS) aliaity (oppm S) Thlorine (ppm) mmonia (mg/L) fractants (mg/L) fractants (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID	T DESCRIPTION Material	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab To be sent to lab Submerged
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteror Pho SECTION 3E: Location Inlet Pipe No. 5	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees P) pH c Conductivity (uS) alinity (sppm S) Thiorine (ppm) mmonia (mg/L) fractants (mg/L) occcus (cfu/100mL) coccus (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID	T DESCRIPTION Material LICAL INDICATORS	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteror Pho SECTION 3E: Location Inlet Pipe No. 5	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter Parameter erature (degrees F) pill c Conductivity (uS) alinity (spm S) 'chlorine (ppm) mmonia (mg/L) rfactants (mg/L) oil (cfu/100mL) occucs (cfu/100mL) outphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat	T DESCRIPTION Material LICAL INDICATORS	sult	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMest Detergents Kit K-9400 To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab To be sent to Lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteror Pho SECTION 3E: Location Inlet Pipe No. 5	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees P) pH c Conductivity (uS) alinity (sppm S) Thiorine (ppm) mmonia (mg/L) fractants (mg/L) occcus (cfu/100mL) coccus (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID	T DESCRIPTION Material GICAL INDICATORS or mage	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: San Tempe Specific Ss C An Sur E.c. Enteror Pho SECTION 3E: Location Inlet Pipe No. 5	Does Not Include Trash) INLET PIPE NO. 4 SAMI uple Date/Time: Parameter erature (degrees F) pl1 c Conductivity (uS) aliaity (ppm S) chlorine (ppm) mmonia (mg/L) rfactants (mg/L) oil (cfu/100mL) occucs (cfu/100mL) outphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits'S Pool Qu Pool	T DESCRIPTION Material ICAL INDICATORS or nage idatas	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: San Tempe Specification Sur E.c. Entercomp Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E:	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (spm S) Thlorine (ppm) mmonia (mg/L) fractant (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositiv? Poal Qui Pipe Algach	T DESCRIPTION Material LICAL INDICATORS or mage statins shirty Growth	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: San Tempe Specification Sur E.c. Entercomp Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E:	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) aliaity (spm S) Thlorine (ppm) mmonia (mg/L) fractant (mg/L) coccus (cfu/100mL) coccus (cfu/100mL) coccus (cfu/100mL) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositiv? Poal Qui Pipe Algach	T DESCRIPTION Material ICAL INDICATORS or mage kidaine difty Growth likit discharge is present (V/N):	Clock Postion (Outlet Pipe at 6:00)	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab
SECTION 3D: San Tempe Specific Sa C An Sur E.c. Enteron Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E:	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter Farameter Gergrees F) pH sc Conductivity (uS) aliaity (sppm S) Thiorine (ppm) mmonia (mg/L) ffactants (mg/L) outpleter (sm/L) suppleter (sm/L) suppleter (sm/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositors Pool Qu Pipe Algae® obysical indicators suggest an ii	T DESCRIPTION Material ICAL INDICATORS or mage kidaine difty Growth likit discharge is present (V/N):	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to Lab Diameter/Dimension (in.) Submerged In Water: With Sediment
SECTION 3D: San Tempe Specific Sa C An Sur E.c. Enteron Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E:	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter Farameter Gergrees F) pH sc Conductivity (uS) aliaity (sppm S) Thiorine (ppm) mmonia (mg/L) ffactants (mg/L) outpleter (sm/L) suppleter (sm/L) suppleter (sm/L) INLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicat Asset Dat Depositors Pool Qu Pipe Algae® obysical indicators suggest an ii	T DESCRIPTION Material ICAL INDICATORS or mage talinx dility Growth littit discharge is present (V/N): 5 Flowing?	Clock Postion (Outlet Pipe at 6:00) Indicator Present?	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L > 2.35 efu/100mL > 61 efu/100mL	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to Lab Diameter/Dimension (in.) Submerged In Water: With Sediment
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SECTION 3D: San Tempe Specific Sa C An Sur E.c. Enterory Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E: *Do p SECTION 3E: Floatables (SECTION 3E: San Tempe	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pil c Conductivity (uS) aliaity (sppm S) Thiorine (ppm) mmonia (mg/L) factants (mg/L) outplete (mg/L) supplete (mg/L) iNLET PIPE NO. 5 ASSE Upstream Asset ID Upstream Asset ID INLET PIPE NO. 5 PHYS Indicater Asset Dai Depositor Pool Qui Is Inlet Pipe NO Is Inlet Pipe NO INLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI mple Date/Times INLET PIPE NO. 5 SAMI mple Date/Times INLET PIPE NO. 5 SAMI mple Date/Times Parameter	T DESCRIPTION Material GICAL INDICATORS for mage kidain ality Growth likid discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOWI Indicator Present (Ves	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) (No) LOWING ASSETS)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to lab To be sent to lab To be sent to lab In water: With Sediment. Indicator Description Estimated GPM: Equipment
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SECTION 3D: San Tempe Specific Sa C C An Sur E.c. Entercor Pho SECTION 3E: Location Inlet Pipe No. 5 SECTION 3E: Floatables (SECTION 3E: Floatables (SECTION 3E: C An Sur	Does Not Include Trash) INLET PIPE NO. 4 SAMI mple Date/Time: Parameter erature (degrees F) pH c Conductivity (uS) alinity (ppm S) Thiorine (ppm) mmonia (mg/L) fractants (mg/L) fractants (mg/L) ococcus (cfu/100mL) ococcus (cfu/100mL) ococcus (cfu/100mL) suphorus (mg/L) INLET PIPE NO. 5 ASSE Upstream Asset ID INLET PIPE NO. 5 PHYS Indicator Pool Qui Pipe Algae obysical indicators suggest an is Inlet Pipe No. 5 PHYS Indicator Color Turbidity Does Not Include Trash) INLET PIPE NO. 5 SAMI myle Date/Time: Parameter erature (degrees F) pH inclinity (ppm)	T DESCRIPTION Material GICAL INDICATORS for mage kidain ality Growth likid discharge is present (V/N): 5 Flowing? HCAL INDICATORS (ALL FLOWI Indicator Present (Ves	Clock Postion (Outlet Pipe at 6:00) Indicator Present? NG ASSETS) (No) LOWING ASSETS)	2 Reporting Limit 2 0.5 mg/L 2 0.25 mg/L > 2.35 cfu/100mL > 61 cfu/100mL Shape Description Typical EPA Benchmarks	Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Hach Test Strips Hach Test Strips To be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to Lab In Water: With Sediment Estimated GPM: Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 EXTECH ECS00 Inch Test Strips
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	Upstream Asset ID	Material	Clock Postion (Outlet Pip	pe at 6:00)	Shape	Diameter/Dimension (in) Su	bmerged
Location					*		In Water:	
nlet Pipe No. 6							With Sediment:	
ECTION 3F: INLI	ET PIPE NO. 6 PHYSICAL	INDICATORS						
	Indicator		Indicato	r Present?		Indicator Description		
	Asset Damage							
	Deposits/Stains							
	Pool Quality							
	Pipe Algae/Growth							
*Do physic	cal indicators suggest an illicit dis					-		
	Is Inlet Pipe No.6 Flow	ing?				Es	imated GPM:	
ECTION 3F: INL	ET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOV	WING ASSETS)					
Ind	licator	Indicator Present ()	Yes/No)		Description		Severity	
0	dor							
C	olor							
Tur	rbidity				•			
	rbidity Not Include Trash)	•			•			
Floatables (Does	Not Include Trash)	TESTING RESULTS (ALL	FLOWING ASSETS)					
Floatables (Does ECTION 3F: INL	Not Include Trash)		, FLOWING ASSETS)					
Floatables (Does ECTION 3F; INL Sample 1	Not Include Trash) ET PIPE NO. 6 SAMPLING	TESTING RESULTS (ALL	. FLOWING ASSETS)		Typical EPA Benchmarks		oment	
Floatables (Does ECTION 3F: INLI Sample I Para	Not include Trash) ET PIPE NO. 6 SAMPLING Date/Time:	TESTING RESULTS (ALL				EXTEC	oment H EC500	
Floatables (Does ECTION 3F: INL Sample I Pari Temperatu	Not Include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter re (degrees F) pH	TESTING RESULTS (ALL				EXTEC EXTEC	oment H EC500 H EC500	
Floatables (Does ECTION 3F: INL Sample I Pari Temperatu	Not Include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter re (degrees F)	TESTING RESULTS (ALL				EXTEC EXTEC EXTEC	oment H EC500 H EC500 H EC500	
Floatables (Does ECTION 3F: INL Sample I Para Temperatu Specific Cor	Not Include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter re (degrees F) pH	TESTING RESULTS (ALL				EXTEC EXTEC EXTEC EXTEC	Diment H EC500 H EC500 H EC500 H EC500	
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Floatables (Does ECTION 3F: INL Sample I Pari Temperatu Specific Cor Salinity Chlori Ammor	Not Include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter re (degrees F) pH dductivity (uS) y (ppm S) ne (ppm)	TESTING RESULTS (ALL			Typical EPA Benchmarks	EXTEC EXTEC EXTEC EXTEC Hach To	Dement H EC500 H EC500 H EC500 H EC500 H EC500 St Strips St Strips	t K-9400
Floatables (Does ECTION 3F: INL.) Sample I Para: Temperatu Specific Cor Salinity Chlori Ammor	Not include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter are (degrees F) pH dutetivity (uS) y (ppm S) ne (ppm) nia (mg/L)	TESTING RESULTS (ALL			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTEC EXTEC EXTEC EXTEC Hach T. Hach T.	oment H EC500 H EC500 H EC500 H EC500 H EC500 St Strips St Strips fets Detergents Ki	t K-9400
Floatables (Does ECTION 3F; INL.) Sample I Para Temperatu Specific Cor Salinity Chlori Ammor Surfacta E.coli (c	Not include Trash) ET PIPE NO. 6 SAMPLING Date/Time: ameter re (degrees F) pH adductivity (uS) y (ppm S) ne (ppm) sia (mg/L) unts (mg/L)	TESTING RESULTS (ALL			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.5 mg/L	EXTEC EXTEC EXTEC EXTEC EXTEC Hach T Hach T To be sent to Lab or CHE To be	oment H EC500 H EC500 H EC500 H EC500 H EC500 St Strips St Strips fets Detergents Ki	t K-9400

Haverhill IDDE Inspection Form Outfall



Haverhill IDDE Inspection Form Drain Manhole

SECTION 1: B. ASSET ID:	ACKGROUND DATA	100			lor	TTFALL ID: FB00638		
ASSET ID: Date/Time:	2019-07-16 8:50:00				joc			
Temperature: °F	80				Ins	Carrie Prescott Andres Rosario Evelynn Cousey	Hurtado Samuel Marinez Zebulan Day F	Pedro
Street Name/Struc	cture Location:	HILLDALE AVE				•		
Previous Prec	cipitation Date/End Time:	2019-07-12 19:46	1:00		Amount (inches): 0.4	1	PTZ SEMBORES	
Pictures								
			4.04					
		Marie					Book January Control of the Control	
SECTION 2: O	UTLET PIPE ASSET DE	SCRIPTION						
Location	DMH Interior Co	ndition		Material		Shape	Diameter/Dimension (in.)	Submerged
MH Outlet Pipe	Excellent		Reinforce	Concrete		Circle	12	In Water: No With Sediment: No
A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			-					With Seament, No
ECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTIO	N					
Location	Upstream Asset ID		laterial	Clock Postion (Ou	tlet Pipe at 6:00)	Shape	Diameter/Dimension (in	
Inlet Pipe No. 1	DMH-7895	Reinforced Concrete		8:0	9	Circle	12	In Water: No With Sediment: No
SECTION 3A:	INLET PIPE NO. 1 PHY:	100000000000000000000000000000000000000	ORS		-			With Segiment No
	Indica	Mary Carry Company of the		In	dicator Present?		Indicator Description	
	Asset Da	mage			None			
	Deposits/S				None None			
	Pool Qu Pipe Algae/				None			
*Do p	ohysical indicators suggest an i	llicit discharge is pr	esent (Y/N):		No			
	Is Inlet Pipe No				No		Es	stimated GPM:
ECTION 3A:	INLET PIPE NO. 1 PHYS	SICAL INDICAT						
	Indicator Odor		Indicator Present (Yes	(No)		Description		Severity
	Color							
	Turbidity							
	Does Not Include Trash) INLET PIPE NO. 1 SAM	DI INCATESTINA	DECIM TO (ALL E	LOWING LOOPING	-			
A STATE OF THE PARTY.	nple Date/Time:	LINGITESTING	J KLSULIS (ALL F	LOWING ASSETS				
	Parameter		Re	sult		Typical EPA Benchmarks	Equi	ipment
Tempe	erature (degrees F)						EXTEC	CH EC500
Specific	pH c Conductivity (uS)	-						CH EC500 CH EC500
	alinity (ppm S)							CH EC500
CI	hlorine (ppm)					≥ Reporting Limit	Hach T	est Strips
	nmonia (mg/L)					≥ 0.5 mg/L		est Strips
	factants (mg/L) oli (cfu/100mL)					≥ 0.25 mg/L > 235 cfu/100mL		Mets Detergents Kit K-9400 ent to lab
	coccus (cfu/100mL)					> 61 cfu/100mL		ent to lab
Pho	osphorus (mg/L)						To be s	ent to lab
		T DESCRIPTIO	N				To be s	
ECTION 3B: I	INLET PIPE NO. 2 ASSE	Contract to the Contract of th		Clock Postion (Ou	Het Pine at 6:00)			ent to lab
ECTION 3B: I	INLET PIPE NO. 2 ASSE Upstream Asset ID	Reinforced	N laterial	Clock Postion (Ou		Shape	Diameter/Dimension (in	ent to lab
ECTION 3B: I Location Inlet Pipe No. 2	Upstream Asset ID	Reinforced Concrete	laterial	Clock Postion (Out				ent to lab Submerged
ECTION 3B: 1 Location Inlet Pipe No. 2	INLET PIPE NO. 2 ASSE Upstream Asset ID	Reinforced Concrete	laterial			Shape	Diameter/Dimension (in	a.) Submerged In Water: No
ECTION 3B: 1 Location Inlet Pipe No. 2	Upstream Asset ID DM1-4805 INLET PIPE NO. 2 PHYS Indicat	Reinforced Concrete GICAL INDICAT	laterial	18:0	dicator Present?	Shape	Diameter/Dimension (in	a.) Submerged In Water: No
ECTION 3B: I Location Inlet Pipe No. 2	Upstream Asset ID DMH-4605 INLET PIPE NO. 2 PHYS	Reinforced Concrete SICAL INDICAT for	laterial	18:0	98	Shape	Diameter/Dimension (in	a.) Submerged In Water: No
ECTION 3B: I Location Inlet Pipe No. 2	Upstream Asset ID DM1-4605 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits? Pool Qu	Reinforced Concrete SICAL INDICAT Ior mage Stains	laterial	18:0	dicator Present? None None None	Shape	Diameter/Dimension (in	a.) Submerged In Water: No
Location Inlet Pipe No. 2 SECTION 3B; I	Upstream Asset ID Upstream Asset ID Upstream Asset ID Upstream Asset ID Indicat Asset Day Deposits/3 Fool Qu Pips Algach	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth	ORS	18:0	dicator Present? None None None None	Shape	Diameter/Dimension (in	a.) Submerged In Water: No
Location Inlet Pipe No. 2 ECCTION 3B; I	Upstream Asset ID DM1-4605 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits? Pool Qu	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth	ORS	18:0	dicator Present? None None None	Shape Circle	Diameter/Dimension (in 12 Indicator Description	a.) Submerged In Water: No
Location Inlet Pipe No. 2 SECTION 3B: 1	Upstream Asset ID Upstream Asset ID D#4-4805 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits Pool Qu Pipe Algae(thysical indicators suggest an i	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth like it discharge is pro-	ORS csent (V/N):	18;4	dicator Present? None None None None None None	Shape Circle	Diameter/Dimension (in 12 Indicator Description	submerged In Water: No With Sediment: No
Location Inlet Pipe No. 2 SECTION 3B: 1	Upstream Asset ID Digi-4605 INLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits/ Pool Qu Pipe Algach bysical indicators suggest an it Is inlet Pipe No. 2 PHYS Indicator	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth like it discharge is pro-	ORS csent (Y/N): ORS (ALL FLOW): Indicator Present (Yes	In I	dicator Present? None None None None None None	Shape Circle	Diameter/Dimension (in 12 Indicator Description	submerged In Water: No With Sediment: No
Location Inlet Pipe No. 2 SECTION 3B: 1	Upstream Asset ID DM1-4805 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits: Pool Qu Pipe Algach distators suggest an is Intel Pipe No. 2 PHYS Indicators Odor	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth like it discharge is pro-	ORS ssent (Y/N): ORS (ALL FLOW! Indicator Present (Yes.	In I	dicator Present? None None None None None None	Shape Circle	Diameter/Dimension (in 12 Indicator Description	L) Submerged In Water: No With Sediment: No stimated GPM: 5
Location Inlet Pipe No. 2 ECTION 3B: 1	Upstream Asset ID Digi-4605 INLET PIPE NO. 2 PHYS Indicat Asset Dat Deposits/ Pool Qu Pipe Algach bysical indicators suggest an it Is inlet Pipe No. 2 PHYS Indicator	Reinforced Concrete SICAL INDICAT for mage Stains ality Growth like it discharge is pro-	ORS csent (Y/N): ORS (ALL FLOW): Indicator Present (Yes	In I	dicator Present? None None None None None None	Shape Circle	Diameter/Dimension (in 12 Indicator Description	L) Submerged In Water: No With Sediment: No stimated GPM: 5
ECTION 3B: I Location	Upstream Asset ID DM1-4605 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits: Pool Qu Pipe Algach dicators suggest an it Is inlet Pipe NO. Indicator Odor Color Turbidity Does Not Include Trash)	Reinforced Concrete SICAL INDICAT for mage stains ality Growth likit discharge is pre 2. Flowing? SICAL INDICAT	ORS csent (V/N): ORS (ALL FLOW! Indicator Present (Yes. No. No.	In I	dicator Present? None None None None Yes	Shape Circle Description	Diameter/Dimension (in 12 Indicator Description	L) Submerged In Water: No With Sediment: No Statimated GPM: 5 Severity
Location 3B: I Location Inlet Pipe No. 2 ECTION 3B: I *Do pi ECTION 3B: I Floatables (I ECTION 3B: 1	Upstream Asset ID Upstream Asset ID D#4-4605 INLET PIPE NO. 2 PHYS Indicate Asset Da Deposits/ Pool Qu Pipe Algae hysical indicators suggest an in Is latter Pipe NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS csent (V/N): ORS (ALL FLOW! Indicator Present (Yes No - GRESULTS (ALL F.	In I	dicator Present? None None None None Yes	Shape Circle Description	Diameter/Dimension (in 12 Indicator Description	L) Submerged In Water: No With Sediment: No Statimated GPM: 5 Severity
Location 3B; I Location Inlet Pipe No. 2 SECTION 3B; I *Do pl *ECTION 3B; I Floatables (I ECTION 3B; Sam	Upstream Asset ID Indicat Asset Day Expending Asset Day Expending Asset Day Indicator In Intel Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI Inple Date/Time:	Reinforced Concrete SICAL INDICAT for mage stains ality Growth likit discharge is pre 2. Flowing? SICAL INDICAT	ORS Essent (Y/N): ORS (ALL FLOWI: Indicator Present (Yes. No. No	In I	dicator Present? None None None None Yes	Shape Circle Description	Diameter/Dimension (in 12 Indicator Description	ant to lab Submerged In Water: No With Sediment: No Severity Severity Submerged
*Do pi Floatables (I Floatables (I Sam	Upstream Asset ID Upstream Asset ID D#4-4605 INLET PIPE NO. 2 PHYS Indicate Asset Da Deposits/ Pool Qu Pipe Algae hysical indicators suggest an in Is latter Pipe NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS csent (V/N): ORS (ALL FLOW! Indicator Present (Yes No - GRESULTS (ALL F.	In I	dicator Present? None None None None Yes	Shape Circle Description	Diameter/Dimension (in 12 Indicator Description foderate Es	L) Submerged In Water: No With Sediment: No Statimated GPM: 5 Severity
Location Location Inlet Pipe No. 2 ECCTION 3B: 1 *Do pl ECCTION 3B: 1 Floatables (I Sam Tempe	Upstream Asset ID D**1-4805 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits: Pool Qu Pipe Algaen hysical indicators suggest an is Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI pipe Date/Time: Parameter Parameter Parameter Frature (degrees F) pit	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS csent (V/N): ORS (ALL FLOW! Indicator Present (Yes No No C - CRESULTS (ALL F.	In I	dicator Present? None None None None Yes	Shape Circle Description	Diameter/Dimension (in 12 Indicator Description foderate Equi Equi EXTEC EXTEC EXTEC EXTEC	atimated GPM: 5 Severity Clear H EC500 H EC500
*Do pl ECTION 3B: 1 *Do pl ECTION 3B: 1 *Do pl ECTION 3B: 1 Floatables (I ECTION 3B: 3am Tempe	Upstream Asset ID DM1-4605 INLET PIPE NO. 2 PHYS Indicat Asset Dai Deposits: Pool Qu Pipe Algach thysical indicators suggest an in Is falet Pipe NO. NILET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI apple Date/Time: Parameter retature (degrees F) pil Conductivity (uS)	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Sesent (V/N): ORS (ALL FLOW! Indicator Present (Yes. No. No	In I	dicator Present? None None None None Yes	Shape Circle Description Typical EPA Benchmarks	Diameter/Dimension (in 12 Indicator Description foderate Ex Equi EXTEC EXTEC EXTEC EXTEC	attimated GPM: 5 Severity Clear
*Do pl SECTION 3B: 1 *Do pl *Dotables (I SECTION 3B: 1 SECTION 3B: 1 SecTION 3B: 1 Sam Tempe Specific Sal	Upstream Asset ID Upstream Asset ID D*94-4605 INLET PIPE NO. 2 PHYS Indicated Asset Da Deposits/S Pool Qu Pipe Algae/thysical indicators suggest an it Is linter Pipe NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI pipe Date/Time: Parameter rature (degrees F) pil Conductivity (uS) linity (ppm S)	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS csent (V/N): ORS (ALL FLOW! Indicator Present (Yes No No C - CRESULTS (ALL F.	In I	dicator Present? None None None None Yes	Shape Circle Circle Description Typical EPA Benchmarks	Diameter/Dimension (in 12 Indicator Description foderate Ea Equi EXTEC EXTEC EXTEC EXTEC EXTEC EXTEC	antimated GPM: 5 Severity Clear Personal H EC500
SECTION 3B: 1 Location Inlet Pipe No. 2 SECTION 3B: 1 *Do pl SECTION 3B: 1 Floatables (I SECTION 3B: 1 Sam Tempe Specific Sai	Upstream Asset ID DM1-4605 INLET PIPE NO. 2 PHYS Indicat Asset Dai Deposits: Pool Qu Pipe Algach thysical indicators suggest an in Is falet Pipe NO. NILET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI apple Date/Time: Parameter retature (degrees F) pil Conductivity (uS)	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Sesent (Y/N): ORS (ALL FLOW) Indicator Present (Yes No No	In I	dicator Present? None None None None Yes	Shape Circle Description Typical EPA Benchmarks	Diameter/Dimension (in 12 Indicator Description Soderate Es Equi EXTEC EXTEC EXTEC Hash Tr	submerged In Water: No With Sediment: No With Sediment: No Severity Clear pment H EC500 H EC500 H EC500 est Strips
*Do pl *Do pl *ECTION 3B: 1 *Do pl *ECTION 3B: 1 *Do pl *ECTION 3B: 1 SECTION 3B: 1 CECTION 3B: 1 Sam Tempe Specific Sal CH Am Surt	Upstream Asset ID D441-4605 INLET PIPE NO. 2 PHYS Indicated Asset Dan Deposites Pool Qu Pipe Algae hysical indicators suggest an i Is latel tipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Indicator Odor Color Turbidity Des Not Include Trash) INLET PIPE NO. 2 SAMI pile Date/Time: Parameter Parameter resture (degrees F) pil Conductivity (uS) bilinity (ppm S) hlorine (ppm) Innonia (mg/L) factants (mg/L)	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Sesent (Y/N): ORS (ALL FLOW) Indicator Present (Yes No No	In I	dicator Present? None None None None Yes	Shape Circle Circle Description Typical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.55 mg/L ≥ 0.25 mg/L	Diameter/Dimension (in 12 Indicator Description foderate Equi EXTEC EXTEC EXTEC EXTEC Hach T To be sent to Lab or CHEN	ant to lab Submerged In Water: No With Sediment: No Severity Clear The C500 H EC500
*Do pl *Do pl *ECTION 3B: 1 *Do pl *ECTION 3B: 1 *Do pl *ECTION 3B: 1 *ECTION 3B: 1 *ECTION 3B: 1 *Am *Surt *Extra critical and a	Upstream Asset ID D**1-4805 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits* Pool Qu Pipe Algae* hysical indicators suggest an is In linet Pipe No NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No Inliet Pipe	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Second (V/N): ORS (ALL FLOWI Indicator Present (Yes No No	In I	dicator Present? None None None None Yes	Shape Circle Circle Description Typical EPA Benchmarks EReporting Limit EReporting Limit 2.0.5 mg/L 2.0.25 mg/L > 235 cft/100mL	Diameter/Dimension (in 12 Indicator Description Equi EXTEC EXTEC EXTEC Hach T Hach T To be sent to Lab or CHE To be sent to Lab or CHE	Submerged In Water: No With Sediment: No With Sediment: No Clear Severity Clear HEC500 HEC500 HEC500 HEC500 HEC500 Set Surps est Surps est Surps est Surps est Surps ent to Iab
ECTION 3B: Location Location Inter Fipe No. 2 ECTION 3B: L *Do pl ECTION 3B: L Floatables (I ECTION 3B: Sam Tempe Specific Sal CCI Am Surt	Upstream Asset ID D**1-4805 INLET PIPE NO. 2 PHYS Indicat Asset Da Deposits* Pool Qu Pipe Algae* hysical indicators suggest an is In linet Pipe No NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No INLET PIPE NO. 2 SAMI upstream of the pipe No Inliet Pipe	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Sesent (Y/N): ORS (ALL FLOW) Indicator Present (Yes No No	In I	dicator Present? None None None None Yes	Shape Circle Circle Description Typical EPA Benchmarks EReporting Limit EReporting Limit 2.0.5 mg/L 2.0.25 mg/L > 235 cft/100mL	Diameter/Dimension (in 12 Indicator Description foderate Equi EXTEC EXTEC EXTEC EXTEC Hach T To be sent to Lab or CHEN	antimated GPM: 5 Severity Clear Description Severity Clear MECS00 HECS00 HECS00
Location Location Inlet Pipe No. 2 Location Inlet Pipe No. 2 Location *Do pi *Do pi ECTION 3B: 1 Floatables (I ECTION 3B: 1 Sam Tempe Specific Sai CI Am Suri Ecce Entero	Upstream Asset ID D441-4605 INLET PIPE NO. 2 PHYS Indicated Asset Dan Deposites Pool Qu Pipe Algae hysical indicators suggest an i Is latel tipe No. 2 PHYS Indicator Odor Color Turbidity Does Not Include Trash) INLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity Indicator Odor Color Turbidity Des Not Include Trash) INLET PIPE NO. 2 SAMI pile Date/Time: Parameter Parameter resture (degrees F) pil Conductivity (uS) bilinity (ppm S) hlorine (ppm) Innonia (mg/L) factants (mg/L)	Reinforced Concrete SICAL INDICAT for mage stalns slity Growth Growth SICAL INDICAT No PLING/TESTING	ORS Sesent (Y/N): ORS (ALL FLOW) Indicator Present (Yes No No	In I	dicator Present? None None None None Yes	Shape Circle Circle Description Typical EPA Benchmarks ≥ Reporting Limit ≥ Reporting Limit ≥ 0.55 mg/L ≥ 0.25 mg/L	Diameter/Dimension (in 12 Indicator Description Indicator Description Equi EXTEC EXTEC EXTEC EXTEC EXTEC Hach Ti Hoch To be sent to Lab or CHES To be son to Lab or CHES	antimated GPM: 5 Severity Clear Description Severity Clear MECS00 HECS00 HECS00

4 3

Location Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerge
1.10.00.2					In Water:
nlet Pipe No. 6					With Sediment:
ECTION 3F: INLET PIPE NO. 6 PHYSI	CAL INDICATORS				
Indicate	•	Indicator Present?		Indicator Description	
Asset Dam	age				
Deposits/St					
Pool Qua					
Pipe Algae/G					
*Do physical indicators suggest an ill					
Is Inlet Pipe No.6	Flowing?	A comment of the comm		Esti	mated GPM:
ECTION 3F: INLET PIPE NO. 6 PHYSI	CAL INDICATORS (ALL FLOW	ING ASSETS)			
Indicator	Indicator Present (Ye	rs/No)	Description		Severity
Odor					
Color					
Turbidity	(*)				
					-
Floatables (Does Not Include Trash)					
	ING/TESTING RESULTS (ALL F	FLOWING ASSETS)			
	ING/TESTING RESULTS (ALL F	FLOWING ASSETS)			
ECTION 3F: INLET PIPE NO. 6 SAMP		FLOWING ASSETS)	Typical EPA Benchmarks	Equips	
CCTION 3F: INLET PIPE NO. 6 SAMP Sample Date/Time:			Typical EPA Benchmarks	EXTECH	ment EC500
CCTION 3F: INLET PIPE NO. 6 SAMP Sample Date/Time: Parameter Temperature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	ment EC500 EC500
ECTION 3F: INLET PIPE NO. 6 SAMP Sample Date/Time: Parameter Temperature (degrees F)			Typical EPA Benchmarks	EXTECH	ment EC500 EC500
ECTION 3F: INLET PIPE NO. 6 SAMP Sample Date/Time: Parameter Temperature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	ment EC500 EC500 EC500
ECTION 3F: INLET PIPE NO. 6 SAMP Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS)			Typical EPA Benchmarks ≥ Reporting Limit	EXTECH EXTECH EXTECH	ment EC500 EC500 EC500 EC500
Sample Date/Time: Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S)				EXTECH EXTECH EXTECH EXTECH	ment EC500 EC500 EC500 EC500 t Strips
Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	ment EC500 EC500 EC500 EC500 EC500 EC500 t Strips t Surips
Sample Date/Time: Parameter Temperature (degrees F) pH Specific Conductivity (uS) Salinity (ppm S) Chlorine (ppm) Ammonia (mg/L)			≥Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	meat EC500 EC500 EC500 EC500 EC500 EC500 EC500 1 Strips 1 Strips
Sample Date/Time: Parameter Parameter Temperature (degrees F) pH Specific Conductivity (uS) Saliaity (span S) Chlorine (spm) Ammonia (mg/L) Surfactants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes To be sent to Lab or CHEM	ment EC500 EC500 EC500 EC500 EC500 t Strips t Strips t Strips t Strips t to Detergents Kit K-9400 t to lab

4 5

Haverhill IDDE Inspection Form Drain Manhole

	ACKGROUND DATA									
ASSET ID:	DMH-4685					OUTFALL ID:				
Date/Time:	2019-07-16 8:00:00						Carrie Prescott Andres H	furtadolSamuel Ma	rinez Zebulan Dav Pe	dro
Temperature: °F						Inspector(s):	Rosario Evelynn Cousey			
Street Name/Strue		HILLDALE AVE			1.					
Previous Pres	cipitation Date/End Time:	2019-07-12 19:4	0:00	er .	Amount (inches):	0.4				
Pictures										
	OUTLET PIPE ASSET DE							_		
Location	DMH Interior Con	ndition		Material			Shape	Diameter	/Dimension (in.)	Submerged
DMH Outlet Pipe	Excellent		Reinforced	Concrete			Circle		12	In Water: No With Sediment: No
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION	ON					-		
Location	Upstream Asset ID	1	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	D	iameter/Dimension (in.	Submerged
Inlet Pipe No. 1	DMH-7097	Reinforced Concrete		12:0	9		Circle		12	In Water: No
										With Sediment: No
SECTION 3A:	INLET PIPE NO. 1 PHYS	The second second	TORS							
	Indicat Asset Dan			Inc	dicator Present?			Ind	icator Description	
	Deposits/S				None					
	Pool Qua				None					
	Pipe Algae/C				None					
*Do p	physical indicators suggest an il Is Inlet Pipe No.		resent (Y/N):		No Yes			toderate	Fee	imated GPM: 5
SECTION 3A:	INLET PIPE NO. 1 PHYS		TORS (ALL FLOWI	NG ASSETS)	103			out att	Est	mated Or M.
HILL CONTROL OF THE PARTY OF TH	Indicator		Indicator Present (Yes.		T		Description			Severity
	Odor		No							2
	Color		No							
FILL AND A	Turbidity	11-					•			Clear
Market Control of the	Does Not Include Trash) INLET PIPE NO. 1 SAMI	No I INCRESTIN	C DESILITE (ALL E	LOWING ACCETO	_					
	nple Date/Time:	2019-07-16 8:00		LOWING ASSETS)						
San	Parameter	2015 07 10 0.00	Res	sult		Typi	cal EPA Benchmarks	1	Equip	ment
Tempe	erature (degrees F)		69					1	EXTEC	
	pН		7.						EXTEC	
	ic Conductivity (uS)		33						EXTEC	
	alinity (ppm S) Chlorine (ppm)		10				Reporting Limit		EXTECT Hach Te	
	mmonia (mg/L)		(≥0.5 mg/L		Hach Te	
	rfactants (mg/L)		<0	05			≥ 0.25 mg/L	To		ets Detergents Kit K-9400
	roli (cfu/100mL)		111	9.9			> 235 cfu/100mL		To be ser	
	coccus (cfu/100mL) osphorus (mg/L)						> 61 cfu/100mL		To be ser	
rne	ospnorus (mg/L)								To be ser	nt to lab
SECTION 3B:	INLET PIPE NO. 2 ASSET	T DESCRIPTIO)N		3					
Location	Upstream Asset ID	N	Material	Clock Postion (Out	let Pipe at 6:00)		Shape	D	iameter/Dimension (in.)	Submerged
Inlet Pipe No. 2										In Water:
	TAIL DE DIDE NO A DOCUMENT	IOUT THE TOTAL	rong							With Sediment:
SECTION 3B:	INLET PIPE NO. 2 PHYS Indicat	STATE OF THE PARTY	UKS		H					
	Asset Dan			Inc	dicator Present?			Ind	icator Description	_ 1 - 1 - 2 - 2 1 - 2 1 2
	Deposits/S									
	Pool Qua									
tDa e	Pipe Algae/C physical indicators suggest an il		O'O'A							
Бор	Is Inlet Pipe No.		tiseut (17.1).						Esti	imated GPM:
SECTION 3B:	INLET PIPE NO. 2 PHYS		ORS (ALL FLOWI	NG ASSETS)						
	Indicator		Indicator Present (Yes				Description			Severity
	Odor									
-	Color									
Floatables (Turbidity Does Not Include Trash)						•			
	INLET PIPE NO. 2 SAMP	LING/TESTIN	G RESULTS (ALL F	LOWING ASSETS)					100	
	nple Date/Time:									
	Parameter		Res	sult		Typic	al EPA Benchmarks		Equip	
Tempe	erature (degrees F)								EXTECH	
Suarie.	pH ic Conductivity (uS)								EXTECH	
	alinity (ppm S)						Reporting Limit		EXTECH	
	Thlorine (ppm)						Reporting Limit		Hach Tes	
	mmonia (mg/L)						2 0.5 mg/L		Hach Tes	
							≥ 0.25 mg/L	To	be sent to Lab or CHEM	
	rfactants (mg/L)									cis Detergents Kil K-7400
	coli (cfu/100mL)						> 235 cfu/100mL		To be ser	nt to lab
Entero	coli (cfu/100mL) coccus (cfu/100mL)								To be ser To be ser	nt to lab at to lab
Entero	coli (cfu/100mL)						> 235 cfu/100mL		To be ser	nt to lab at to lab

	NLET PIPE NO. 3 ASSE	A STATE OF THE PARTY OF THE PAR					
Location	Upstream Asset ID	Material	Clock Postion (Out	et Pipe at 6:00)	Shape	Diame	eter/Dimension (in.) Subn
Inlet Pipe No. 3							In Water: With Sediment:
CECTION 1C. I	NLET PIPE NO. 3 PHY	SICAL INDICATORS				-	STAN DEGINERAL
SECTION 3C: L	CONTRACTOR OF THE PARTY OF THE	AND PARTY OF THE P					
	Indica Asset Da		Inc	licator Present?		Indicate	or Description
	Deposits/						
	Pool Qu						
	Pipe Algae/						
*Do ph		illicit discharge is present (Y/N):					
	Is Inlet Pipe No	.3 Flowing?					Estimated GPM:
SECTION 3C; I	NLET PIPE NO. 3 PHY:	SICAL INDICATORS (ALL FL	OWING ASSETS)				
	Indicator	Indicator Presen	t (Yes/No)		Description		Severity
	Odor						
	Color Turbidity						
	oes Not Include Trash)						
The second secon		PLING/TESTING RESULTS (A	LI FLOWING ASSETS)				
the same of the sa	ple Date/Time:		DETECTION OF THE OWNER,				
	Parameter		Result		Typical EPA Benchmarks		Equipment
	rature (degrees F)				2,7,100.22.12.20.20.20.20.20.20.20.20.20.20.20.20.20		EXTECH EC500
	pH						EXTECH EC500
	Conductivity (uS)						EXTECH EC500
	inity (ppm S)						EXTECH EC500
	dorine (ppm)				≥ Reporting Limit		Hach Test Strips
	monia (mg/L)	-			≥ 0.5 mg/L	W-1	Hach Test Strips
	actants (mg/L) li (cfu/100mL)				≥ 0.25 mg/L > 235 cfu/100mL	To be se	ent to Lab or CHEMets Detergents Kit K To be sent to lab
	occus (cfu/100mL)				> 61 cfu/100mL		To be sent to lab
	phorus (mg/L)						To be sent to lab
		Maria de la companya della companya					
SECTION 3D: I	NLET PIPE NO. 4 ASSE	T DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Out)	et Pipe at 6:00)	Shape	Diame	eter/Dimension (in.) Subn
Inlet Pipe No. 4							In Water:
							With Sediment:
SECTION 3D: I	NLET PIPE NO. 4 PHYS	SICAL INDICATORS					
	Indica		Ind	licator Present?		Indicate	or Description
	Asset Da						
	Deposits/S Pool Qu						
	Pipe Algae/						
*Do pb		llicit discharge is present (Y/N):					
	Is Inlet Pipe No	4 Flowing?					Estimated GPM:
SECTION 3D: I	NLET PIPE NO. 4 PHYS	SICAL INDICATORS (ALL FL	OWING ASSETS)				
	Indicator	Indicator Present	(Yes/No)		Description		Severity
	Odor						
	Color						
	Turbidity oes Not Include Trash)						
Description of the last of the	CONTRACTOR DE LA CONTRA	DI INCOPECTING DECLI TO (A)	I FLOWING ACCEPTED				
		PLING/TESTING RESULTS (A)	LL FLOWING ASSETS)				
	ple Date/Time: Parameter		Result		Typical EPA Benchmarks		W-1
	ature (degrees F)		Result		Typical ETA Benchmarks		Equipment EXTECH EC500
	pH						EXTECH EC500
	Conductivity (uS)						EXTECH EC500
	inity (ppm S)						EXTECH EC500
	lorine (ppm)				≥ Reporting Limit		Hach Test Strips
	monia (mg/L)				≥ 0.5 mg/L		Hach Test Strips
	actants (mg/L) li (cfu/100mL)				≥ 0.25 mg/L > 235 cfu/100mL	To be se	ent to Lab or CHEMets Detergents Kit K To be sent to lab
	occus (cfu/100mL)				> 61 cfu/100mL		To be sent to lab
	phorus (mg/L)				- or city round		To be sent to lab
SECTION 3E: II	NLET PIPE NO. 5 ASSE	T DESCRIPTION					
			Chat Banks (O. II				
Location	Upstream Asset ID	Material	Clock Postion (Out)	et Pipe at 6:00)	Shape	Diame	eter/Dimension (in.) Subm
		Material	Clock Postion (Out)	et Pipe at 6:00)	Shape	Diame	In Water:
Inlet Pipe No. 5	Upstream Asset ID		Clock Postion (Out)	et Pipe at 6:00)	Shape	Diame	
Inlet Pipe No. 5	Upstream Asset ID	SICAL INDICATORS	Clock Postion (Out)	et Pipe at 6:00)	Shape	Diame	In Water:
Inlet Pipe No. 5	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicar	SICAL INDICATORS		et Pipe at 6:00)	Shape		In Water:
Inlet Pipe No. 5	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat	SICAL INDICATORS tor			Shape		In Water: With Sediment.
Inlet Pipe No. 5	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits/S	SICAL INDICATORS tor mage			Shape		In Water: With Sediment.
Inlet Pipe No. 5	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat	SICAL INDICATORS tor mage Stains ality			Shape		In Water: With Sediment.
Inlet Pipe No. 5 SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits' Pool Qu. Pipe Algae't systeal indicators suggest an i	ICAL INDICATORS tor mage Stalins ality Growth likit discharge is present (V/N):			Shape		In Water. With Sediment.
Inlet Pipe No. 5 SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Qu Pipe Algaen systeal indicators suggest an in Is Inlet Pipe No.	SICAL INDICATORS for mage Statins ality Growth Sitt discharge is present (Y/N): 5 Flowing?	Ind		Shape		In Water: With Sediment.
Inlet Pipe No. 5 SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Depositys Pool Qu Pipe Algaen systeal indicators suggest an in Is Inlet Pipe No.	ICAL INDICATORS tor mage Stalins ality Growth likit discharge is present (V/N):	Ind		Shape		In Water. With Sediment.
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicator Asset Da Deposits? Pool Qu Pipe Algaek systeal indicators suggest an Is Inlet Pipe No. NLET PIPE NO. 5 PHYS Indicator	SICAL INDICATORS for mage Statins ality Growth Sitt discharge is present (Y/N): 5 Flowing?	Ind DWING ASSETS)		Shape Shape Description		In Water. With Sediment.
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits's Pool Qu Pipe Algael systeal indicators suggest an in Is Inlet Pipe No NLET PIPE NO. 5 PHYS Indicator Odor	SICAL INDICATORS tor mage Statins dity Growth licit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLO	Ind DWING ASSETS)				In Water. With Sediment. or Description Estimated GPM:
Inlet Fipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits? Pool Qu Pipe AlgaeN ysical indicators suggest an 1 Is Intelled Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color	SICAL INDICATORS tor mage Statins dity Growth licit discharge is present (Y/N): 5: Flowing? SICAL INDICATORS (ALL FLC Indicator Present	Ind DWING ASSETS)		Description		In Water. With Sediment. or Description Estimated GPM:
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Qu Pipe Algae't systeal indicators suggest an is Is Inlet Pipe No. 5 PHYS Indicator Odor Color Turbidity	SICAL INDICATORS tor mage Statins dity Growth licit discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLO	Ind DWING ASSETS)				In Water. With Sediment. or Description Estimated GPM:
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits's Pool Qu Pipe Algael systeal indicators suggest an i Is Inlet Pipe No NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS)		Description		In Water. With Sediment. or Description Estimated GPM:
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: II Floatables (D: SECTION 3E: IN	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits' Pool Qu. Pipe Algae' systeal indicators suggest an it Is Inlet Pipe No NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI	SICAL INDICATORS tor mage Statins dity Growth licit discharge is present (Y/N): 5: Flowing? SICAL INDICATORS (ALL FLC Indicator Present	DWING ASSETS)		Description		In Water. With Sediment. or Description Estimated GPM:
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (D: SECTION 3E: IN Samp	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicate Asset Da Deposits' Pool Qu Pipe Algae' sysical indicators suggest an Is Inlet Pipe No. NLET PIPE NO. 5 PHYS Indicator Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time:	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description		In Water. With Sediment. or Description Estimated GPM: Severity
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (Do SECTION 3E: IN Samp Floatables (Do Section 3E: IN Samp	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits' Pool Qu. Pipe Algae' systeal indicators suggest an it Is Inlet Pipe No NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS)		Description		In Water. With Sediment. or Description Estimated GPM: Severity Equipment
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (D. SECTION 3E: IN Samp Temper.	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits' Pool Qu Pipe Algae' systeal indicators suggest an is Inlet Pipe No. Is Inlet Pipe No. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter ature (degrees F) pH	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description		In Water. With Sediment. or Description Estimated GPM: Severity
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IS Floatables (D: SECTION 3E: IS Samp F Temper: Specific of	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits', Pool Qu. Pipe Algael sysical indicators suggest an in Is Inlet Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI pile Date/Time: Parameter ature (degrees F) pil Conductivity (uS)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description		In Water. With Sediment. or Description Estimated GPM: Severity Equipment EXTECH ECS00 EXTECH ECS00 EXTECH ECS00
Inlet Fipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (D: SECTION 3E: IN Samp f Temper Specific Sali	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Da Deposits? Pool Qu Pipe AlgaeA ysical indicators suggest an i Is lailet Pipe No. NLET PIPE NO. 5 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (uS) Inity (ppm S)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description Typical EPA Benchmarks		In Water. With Sediment. Per Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 EXTECH EC500
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (D. SECTION 3E: IN Samp f Temper Specific Salii Chl	Upstream Asset ID NLET PIPE NO. 5 PHYS Indical Asset Dai Deposits' Pool Qu Pipe Algae' systeal indicators suggest an is Inlet Pipe No. S PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (us) inity (ppm S) Indire (ppm)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description Typical EPA Benchmarks 2 Reporting Limit		In Water. With Sediment. or Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hisch Test Surps
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IS Floatables (Do SECTION 3E: IS Samp F Temper: Specific 4 Sali Chi Amr	Upstream Asset ID NLET PIPE NO. 5 PHYS Indicat Asset Dat Deposits's Pool Qu Pipe Algae's sysical indicators suggest an in Is Inlet Pipe No. S PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI pile Date/Time: Parameter Parameter ature (degrees F) pil Conductivity (uS) Initiy (ppm S) Inotine (ppm) monia (mg/L)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description Typical EPA Benchmarks 2 Reporting Limit 2 0.5 mg/L	Indicate	Equipment Equipment Extract EC500 EXTECH EC500
Inlet Pipe No. 5 SECTION 3E: IN *Do ph SECTION 3E: IN Floatables (D. SECTION 3E: IN Floatables (D. Section 3E: IN Surface Sain Chi Amm Surfa	Upstream Asset ID NLET PIPE NO. 5 PHYS Indical Asset Dai Deposits' Pool Qu Pipe Algae' systeal indicators suggest an is Inlet Pipe No. S PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter ature (degrees F) pH Conductivity (us) inity (ppm S) Indire (ppm)	SICAL INDICATORS for mage Statins ality Growth litti discharge is present (Y/N): 5 Flowing? SICAL INDICATORS (ALL FLA Indicator Present	DWING ASSETS) ((Yes/No)		Description Typical EPA Benchmarks 2 Reporting Limit	Indicate	In Water. With Sediment. or Description Estimated GPM: Severity Equipment EXTECH EC500 EXTECH EC500 EXTECH EC500 Hisch Test Surps

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Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Su	bmerge		
nlet Pipe No. 6						In Water:			
miet ripe ivo. o						With Sediment:			
ECTION 3F: IN	NLET PIPE NO. 6 PHYSIC	AL INDICATORS							
	Indicator		Indicator Present?		Indicator Description				
	Asset Dama								
	Deposits/Stai								
	Pool Qualit								
-	Pipe Algae/Gro								
*Do ph	ysical indicators suggest an illic Is Inlet Pipe No.6 I				Lea	cons			
					Esti	mated GPM:			
		AL INDICATORS (ALL FLOWI							
	Indicator	Indicator Present (Yes	es/No) Description		Severity				
	Odor								
-	Color Turbidity								
	oes Not Include Trash)	-							
POTTON AT TE		DECEMBER OF PROPERTY OF ALLEY	T ONTENO LOCKERO						
		ING/TESTING RESULTS (ALL F	FLOWING ASSETS)						
Samp	ole Date/Time:			T					
Samp P	ole Date/Time:		PLOWING ASSETS)	Typical EPA Benchmarks	Equip				
Samp P	ole Date/Time: Parameter ature (degrees F)			Typical EPA Benchmarks	EXTECH	EC500			
Samp P Tempera	ole Date/Time: Parameter ature (degrees F) pH			Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500			
Samp P Tempera Specific (ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS)			Typical EPA Benchmarks	EXTECH EXTECH EXTECH	EC500 EC500			
Samp P Temper: Specific (ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S)				EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500			
Samp P Tempera Specific 6 Sali	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS)			Typical EPA Benchmarks ≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	EC500 EC500 EC500 EC500 EC500			
Samp P Temper: Specific 6 Sali Cbl	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) lorine (ppm)			≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes Hach Tes	EC500 EC500 EC500 EC500 t Strips	K-9400		
Samp P Temper: Specific 6 Sali: Chl Amn Surfa	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) inity (ppm S) tortine (ppm) monia (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Tes	EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit	K-9400		
Samp P Temper: Specific 6 Salii Chl Amn Surfa	ole Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) tooline (ppm) monia (mg/L) sectants (mg/L)			≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hash Test To be sent to Lab or CHEM	EC500 EC500 EC500 EC500 EC500 t Strips t Strips ts Detergents Kit t to lab	K-9400		

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					Drain Mai				
SECTION 1: BA	CKGROUND DATA								
ASSET ID:	DMH-7097					OUTFALL ID: FB0063	3		
Date/Time: 2	2019-07-16 8:10:00					Chesta	Descentillanders Huston	o Samuel Marinez Zebulan Da	oulPadea.
Temperature: °F						Inspector(s): Rosari	Evelynn Cousey	o[Samuel Marinez[Zebulan De	aylredro
Street Name/Struct	ure Location: pitation Date/End Time:	HILLDALE AVE 2019-07-12 19:40:	-00		Amount (inches):	0.4			
Pictures									
SECTION 2: OU Location	DMH Interior Co			Material					
		ndidon	2502			Shaj		Diameter/Dimension (in.)	Submerged In Water: No
DMH Outlet Pipe	Excellent		Reinforced	Concrete		Circ	le	12	With Sediment: No
SECTION 3A: II	NLET PIPE NO. 1 ASSE	T DESCRIPTION	N						
Location	Upstream Asset ID		aterial	Clock Postion (O	utlet Pipe at 6:00)		Shape	Diameter/Dimensio	
Inlet Pipe No. 1	C9-175	Reinforced Concrete		9:	99		Circle	12	In Water: No With Sediment: No
SECTION 3A: E	NLET PIPE NO. 1 PHYS	2000	ORS	150					TELEBRASHINGUE NO
man Parker (1985)	Indicat	or		1	ndicator Present?			Indicator Description	
	Asset Dar				None				
	Deposits/S Pool Qua				None None				
	Pipe Algae/(None				
*Do ph	ysical indicators suggest an il		sent (Y/N):		No				
PCTION 24. II	Is Inlet Pipe No. NLET PIPE NO. 1 PHYS		ODE (ALL FLOWE	VC APPETEL	Yes		Modera	te	Estimated GPM: 5
CONTRACTOR DESIGNATION	Indicator	COLUMN TO SERVICE STREET	Indicator Present (Yes	Control of the Contro	+	December			e
	Odor		No No	140)		Descripti	00		Severity
	Color		No						
	Turbidity	No							Clear
	oes Not Include Trash) NLET PIPE NO. 1 SAMI		DESILTS /ALL E	OWING ASSUTE					-
	ple Date/Time:	2019-07-16 8:10:0		LOWING ASSETS	0				
	Parameter		Res	ult		Typical EPA I	enchmarks	I	Equipment
Temper	ature (degrees F)		70					EX	TECH EC500
Specific	pH Conductivity (uS)		7.:						TECH EC500
	inity (ppm S)		15						TECH EC500 TECH EC500
Chl	lorine (ppm)		6			≥ Reportin	g Limit		ch Test Strips
	monia (mg/L)					≥ 0.5 m			ch Test Strips
	actants (mg/L) li (cfu/100mL)		0.1			≥ 0.25 r > 235 cfu/			HEMets Detergents Kit K-9400 be sent to lab
	occus (cfu/100mL)					> 61 cfu/			be sent to lab
Phosp	phorus (mg/L)								be sent to lab
SECTION 3B: IN	NLET PIPE NO. 2 ASSET	T DESCRIPTION							
Location	Upstream Asset ID		aterial	Clock Postion (Or	atlet Pipe at 6:00)		Shape	Diameter/Dimension	
Inlet Pipe No. 2	CB-174	Reinforced		3:0	99		Circle	12	In Water: No
	CB-174	Concrete							With Sediment: No
ECTION 3B: IN	NLET PIPE NO. 2 PHYS		ORS						With Sediment: No
SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicate	ICAL INDICATO	ORS		ndicator Present?			Indicator Description	
SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicate Asset Dan	ICAL INDICATO	DRS		None			Indicator Description	
SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicate	ICAL INDICATO or nage tains	DRS					Indicator Description	
	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C	ICAL INDICATO or nage tains lity Growth			None None None			Indicator Description	
	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an ill	ICAL INDICATO nage tains lity frowth licit discharge is pres			None None None None			Indicator Description	
*Do phy	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C	ICAL INDICATO nage tains lity Growth licit discharge is pres	sent (V/N):	h	None None None			Indicator Description	
*Do phy	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an il Is Inlet Pipe No. XLET PIPE NO. 2 PHYS Indicator	ICAL INDICATO or nage tains lity Growth licit discharge is pres 2 Flowing? ICAL INDICATO	sent (V/N):	II	None None None None	Descripti	on.	Indicator Description	
*Do phy SECTION 3B; IN	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C sysical indicators suggest an il I falet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor	ICAL INDICATO or nage tains lity Growth licit discharge is pres 2 Flowing? ICAL INDICATO	seat (Y/N): DRS (ALL FLOW!)	II	None None None None	Descripti	2B	Indicator Description	Estimated GPM:
*Do phy SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an il Is Inlet Pipe No. XLET PIPE NO. 2 PHYS Indicator	ICAL INDICATO or nage tains lity Growth licit discharge is pres 2 Flowing? ICAL INDICATO	seat (Y/N): DRS (ALL FLOW!)	II	None None None None	Descripti	ж	Indicator Description	Estimated GPM:
*Do phy SECTION 3B: IN I Floatables (Do	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits'S Pool Qua Fipe Algae(E sysical indicators suggest an ill Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity oss Not Include Trash)	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	sent (V/N): DRS (ALL FLOW!) Indicator Present (Yes/	I S ASSETS)	None None None None No		o a	Indicator Description	Estimated GPM:
*Do phy SECTION 3B: IN 1 Floatables (Do SECTION 3B: IN	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an ill Is latet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity oss Not Include Trash) NLET PIPE NO. 2 SAMP	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	sent (V/N): DRS (ALL FLOW!) Indicator Present (Yes/	I S ASSETS)	None None None None No		on.	Indicator Description	Estimated GPM: Severity
*Do phy SECTION 3B: IN T Floatables (Do SECTION 3B: IN Samp	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an if Is Intel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMP ole Date/Time:	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No				Estimated GPM: Severity
*Do phy SECTION 3B; IN I Floatables (Do SECTION 3B; IN Samp P	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Fipe Algae/C sysical indicators suggest an ill Is Indet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity ses Not Include Trash) NLET PIPE NO. 2 SAMP oble Date/Time:	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	sent (V/N): DRS (ALL FLOW!) Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No			E	Estimated GPM: Severity quipment
*Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN Samp P Tempera	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Spipe Algae(C sysical indicators suggest an ii Is Inlet Pipe No. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMP ble Date/Time: Parameter alure (degrees F) pH	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No			E EX	Estimated GPM: Severity
*Do phy SECTION 3B; IN I Floatables (Do SECTION 3B; IN Samp P Tempera	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits'S Pool Qua Fipe Algae(E sysical indicators suggest an ill Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMP oble Date/Time: 27arameter ature (degrees F) pH Conductivity (uS)	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No	Typical EPA B	enchmarks	E EXI	Estimated GPM: Severity quipment ECH EC500 ECH EC500 ECH EC500
*Do phy SECTION 3B: IN I Floatables (Do SECTION 3B: IN Samp P Tempera Specific of Salin	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an II Is Intel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity NLET PIPE NO. 2 SAMP NLET PIPE NO. 3 SAMP N	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No	Typical EPA B ≥ Reportin	enchmarks	E EXI EXI EXI EXI	Estimated GPM: Severity quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500
*Do phy SECTION 3B: IN I Floatable (Do SECTION 3B: IN Samp P Tempers Specific C Salia Chl	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an iii Is Intel Pipe No. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMP ble Date/Time: Parameter ature (degrees F) pH Conductivity (uS) nity (ppm S) Jorine (ppm)	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No	Typical EPA B ≥ Reportin ≥ Reportin	enchmarks	EXY EXXI EXXI EXI Hasa	Estimated GPM: Severity quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500 TeCH EC500 TeCH EC500
*Do phy SECTION 3B; IN I Floatables (Do SECTION 3B: IN Samp P Tempera Specific (Salia Chle	NLET PIPE NO. 2 PHYS Indicate Asset Dan Deposits/S Pool Qua Pipe Algae/C ysical indicators suggest an II Is Intel Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity NLET PIPE NO. 2 SAMP NLET PIPE NO. 3 SAMP N	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No	Typical EPA B ≥ Reportin	enchmarks	EXI EXXI EXXI EXXI Hac	Estimated GPM: Severity quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500
*Do phy SECTION 3B: IN Floatables (Do SECTION 3B: IN Samp P Tempers Specific (Salin Chli Ann Surfa E-coli	NLET PIPE NO. 2 PHYS Indicat Asset Dan Deposits'S Pool Qua Fipe Algae(E sysical indicators suggest an ill Is Inlet Pipe No. NLET PIPE NO. 2 PHYS Indicator Odor Color Turbidity oes Not Include Trash) NLET PIPE NO. 2 SAMP oble Date/Time: 247arameter ature (degrees F) pH Conductivity (uS) nity (ppm S) Iopinie (ppm) Inonia (mg.T.)	ICAL INDICATO or nage tains lity rowth litict discharge is pres 2 Flowing? ICAL INDICATO	nent (Y/N): ORS (ALL FLOWIN Indicator Present (Yes/	NG ASSETS) No) OWING ASSETS	None None None None No	Typical EPA B ≥ Reportin ≥ Reportin ≥ 0.5 m	enchmarks g timit g timit g/L g/L 000mL	EXI EXXI EXXI EXXI Hasa To be sent to Lab or Ci	Estimated GPM: Severity quipment ECH EC500 ECH EC500 ECH EC500 ECH EC500 The Surjes The Strips

SECTION 3C:	INLET PIPE NO. 3 ASSE	T DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Outle	let Pipe at 6:00)	Shape		Diameter/Dimension (in.) Submerged
Inlet Pipe No. 3							In Water: With Sediment:
SECTION 3C	INLET PIPE NO. 3 PHYS	ICAL INDICATORS			27 - 27 - 27		Tring symmetric
SECTION SC.	Indicat	AND DESCRIPTION OF THE PERSON	Ind	licator Present?			ndicator Description
	Asset Dar		780				
	Deposits/S						
-	Pool Qu: Pipe Algae/						
*Do j		licit discharge is present (Y/N):					
	Is Inlet Pipe No.						Estimated GPM:
SECTION 3C:	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	SICAL INDICATORS (ALL FLOWI					
	Indicator Odor	Indicator Present (Yes	No)		Description		Severity
	Color						
	Turbidity				•		
THE RESERVE AND ADDRESS OF THE PARTY OF THE	Does Not Include Trash)						
2000	AND DESCRIPTION OF THE PARTY OF	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)				
Sac	mple Date/Time: Parameter	Res	sult		Typical EPA Benchmark	ıs I	Equipment
Temp	erature (degrees F)				Typen Ex it beneman.		EXTECH EC500
	pН						EXTECH EC500
	ic Conductivity (uS) alinity (ppm S)						EXTECH EC500 EXTECH EC500
	Chlorine (ppm)				≥ Reporting Limit		Hach Test Strips
	mmonia (mg/L)				≥ 0.5 mg/L		Hach Test Strips
	rfactants (mg/L)				≥ 0.25 mg/L		To be sent to Lab or CHEMets Detergents Kit K-9400
	coli (cfu/100mL) ococcus (cfu/100mL)				> 235 cfu/100mL > 61 cfu/100mL		To be sent to lab To be sent to lab
	osphorus (mg/L)						To be sent to lab
		de de la companya de					
PROPERTY OF THE PARTY OF THE PA	INLET PIPE NO. 4 ASSE	The state of the s		To the second			
Location	Upstream Asset ID	Material	Clock Postion (Outle	et Pipe at 6:00)	Shape		Diameter/Dimension (in.) Submerged In Water:
Inlet Pipe No. 4							With Sediment:
SECTION 3D:	INLET PIPE NO. 4 PHYS	FICAL INDICATORS					
	Indicat		Ind	licator Present?			ndicator Description
_	Asset Dar Deposits/S						
	Pool Qua						
	Pipe Algae/G						
-Do p	Is Inlet Pipe No.	licit discharge is present (Y/N): 4 Flowing?					Estimated GPM:
SECTION 3D:		ICAL INDICATORS (ALL FLOWE	NG ASSETS)				Littlewed Of St.
33-24-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	Indicator	Indicator Present (Yes/			Description		Severity
	Odor						
	Color Turbidity						
Floatables (Does Not Include Trash)						
SECTION 3D:	INLET PIPE NO. 4 SAMI	LING/TESTING RESULTS (ALL F	LOWING ASSETS)				
San	mple Date/Time:						
*	Parameter	Res	ult		Typical EPA Benchmark	s	Equipment
remp	erature (degrees F) pH						EXTECH EC500 EXTECH EC500
	ic Conductivity (uS)						EXTECH EC500
	alinity (ppm S)						EXTECH EC500
	Chlorine (ppm) mmonia (mg/L)				≥ Reporting Limit ≥ 0.5 mg/L		Hach Test Strips Hach Test Strips
	rfactants (mg/L)				≥ 0.25 mg/L		To be sent to Lab or CHEMets Detergents Kit K-9400
	oli (cfu/100mL)				> 235 cfu/100mL		To be sent to lab
	osphorus (mg/L)				> 61 cfu/100mL		To be sent to lab To be sent to lab
	ospustas (mg/15)						10 de sen 10 140
SECTION 3E:	INLET PIPE NO. 5 ASSE	T DESCRIPTION					
Location	Upstream Asset ID	Material	Clock Postion (Outle	et Pipe at 6:00)	Shape		Diameter/Dimension (in.) Submerged
Inlet Pipe No. 5			/				In Water: With Sediment:
SECTION 3E:	INLET PIPE NO. 5 PHYS	ICAL INDICATORS			v		Tarantonia I
	Indicat		Indi	icator Present?			ndicator Description
	Asset Dan						
	Deposits/S Pool Qua						
	Pipe Algae/C						
*Do p		licit discharge is present (Y/N):					
SECTION 1E.	Is Inlet Pipe No.	ICAL INDICATORS (ALL FLOWIN	C ACCETES				Estimated GPM:
DECTIONOL	Indicator	Indicator Present (Yes/			Description		Severity
	Odor				оттория		Strang
	Color						
Floatables (Turbidity Does Not Include Trash)				•		
		LING/TESTING RESULTS (ALL FI	OWING ASSETS)				
	nple Date/Time:						
	Parameter	Res	ult		Typical EPA Benchmark	1	Equipment
							EXTECH EC500 EXTECH EC500
Tempe	erature (degrees F)						
Specifi	erature (degrees F) pH c Conductivity (uS)						EXTECH EC500
Specifi Sa	erature (degrees F) pH c Conductivity (uS) alinity (ppm S)				#		EXTECH EC500 EXTECH EC500
Specifi Sa C	erature (degrees F) pH c Conductivity (uS) alinity (ppm S) thorine (ppm)				≥ Reporting Limit ≥ 0.5 me/L		EXTECH EC500 EXTECH EC500 Hach Test Strips
Specifi Sa C	erature (degrees F) pH c Conductivity (uS) alinity (ppm S)				≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L		EXTECH EC500 EXTECH EC500
Specifi Sa C An Sur E.c	erature (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) mmonia (mg/L) rfactants (mg/L) oli (cfu/100mL)				≥ 0.5 mg/L ≥ 0.25 mg/L > 235 cfu/100mL		EXTECH EC500 EXTECH EC500 Hash Test Strips Hash Test Strips Fo be sent to Lab or CHEMets Detergents Kit K-9400 To be sent to Jab
Specifi S2 C An Sur E.c	erature (degrees F) pH c Conductivity (uS) alinity (ppm S) hlorine (ppm) nmonia (mg/L) rfactants (mg/L)				≥ 0.5 mg/L ≥ 0.25 mg/L		EXTECH EC500 EXTECH EC500 Hach Test Strips Hach Test Strips For the Strips For the Strips To be sent to Lab or CHEMets Detergents Kit K-9400

4:3

Location	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6:00)	Shape	Diameter/Dimension (in.)	Submerge	
1 . N . N . C						In Water:	
nlet Pipe No. 6						With Sediment:	
CTION 3F: I	NLET PIPE NO. 6 PHYSICA	L INDICATORS					
	Indicator		Indicator Present?		Indicator Description		
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Grow						
*Do p	hysical indicators suggest an illicit					To a service of	
	Is Inlet Pipe No.6 Flo				Estin	nated GPM:	
ECTION 3F: 1	NLET PIPE NO. 6 PHYSICA						
	Indicator	Indicator Presen	t (Yes/No)	Description		Severity	
	Odor						
	Color						
	Turbidity						
	Does Not Include Trash)					•	
	NLET PIPE NO. 6 SAMPLIN	G/TESTING RESULTS (A	LL FLOWING ASSETS)				
	ple Date/Time:						
	Parameter		Result	Typical EPA Benchmarks	Equipm		
	Parameter rature (degrees F)		Result	Typical EPA Benchmarks	EXTECH	EC500	
Tempe	Parameter rature (degrees F) pH		Result	Typical EPA Benchmarks	EXTECH I	EC500 EC500	
Tempe Specific	Parameter rature (degrees F) pH Conductivity (uS)		Result	Typical EPA Benchmarks	EXTECH EXTECH	EC500 EC500 EC500	
Tempe Specific Sa	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S)		Result		EXTECH EXTECH EXTECH EXTECH	EC500 EC500 EC500 EC500	
Tempe Specific Sa Cl	Parameter rature (degrees F) pH		Result	≥ Reporting Limit	EXTECH EXTECH EXTECH EXTECH Hach Test	EC500 EC500 EC500 EC500 Strips	
Tempe Specific Sa Ct	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) smonia (mg/L)		Result	≥ Reporting Limit ≥ 0.5 mg/L	EXTECH EXTECH EXTECH EXTECH EXTECH Hach Test Hach Test	EC500 EC500 EC500 EC500 Strips Strips	
Tempe Specific Sa Ct Am Suri	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) monia (mg/L) [actants (mg/L)		Result	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH: Hach Test Hoch Test To be sent to Lab or CHEMe	EC500 EC500 EC500 EC500 Strips Strips Is Detergents Kit K-9400	
Tempe Specific Sa Cl Am Suri	Parameter rature (degrees F) pH .Conductivity (uS) linity (ppm S) slorine (ppm) umonia (mg/L) factants (mg/L) sli (cfu/100mL)		Result	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L ≥ 0.25 mg/L > 2.35 cfu/100mL	EXTECH I EXTECH I EXTECH I EXTECH I EXTECH I Hach Test To be sent to Lab or CHEMe To be sent	EC500 EC500 EC500 EC500 Strips Strips Is Detergents Kit K-9400 to lab	
Tempe Specific Sa Cl Am Suri E.cc	Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) slorine (ppm) monia (mg/L) [actants (mg/L)		Result	≥ Reporting Limit ≥ 0.5 mg/L ≥ 0.25 mg/L	EXTECH EXTECH EXTECH EXTECH: Hach Test Hoch Test To be sent to Lab or CHEMe	EC500 EC500 EC500 EC500 Strips Strips Is Detergents Kit K-9400 to lab to lab	

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Haverhill IDDE Inspection Form Catch Basin

	BACKGROUND DATA									
ASSET ID: Date/Time:	CB-175 2019-07-16 8:15:00					OUTFALL ID:	FB09638			
							Carrie Prescott Andres	Hurtado Samuel N	arinez]Zebulan Day Pe	edro
Temperature: °F Street Name/Stru		HILLDALE AVE				Inspector(s):	Rosario[Evelynn Cousey			
	ecipitation Date/End Time:	2019-07-14 16:00:00			Amount (inches):	0.02				
Píctures							2002 141 241		(ik)	
SECTION 2: C	OUTLET PIPE ASSET DE	SCRIPTION								
Location	CB Interior Con			Material			Shape	Diamet	er/Dimension (in.)	Submerged
CB Outlet Pipe	Excellent		Reinforce	d Concrete			Circle		12	In Water: No
					7000					With Sediment, No
SECTION 3A:	INLET PIPE NO. 1 ASSE	T DESCRIPTION								
Location	Upstream Asset ID	Material		Clock Postion (Out	let Pipe at 6:00)		Shape		Diameter/Dimension (in.) Submerged
Inlet Pipe No. 1										In Water:
SECTION 3A	INLET PIPE NO. 1 PHYS	ICAL INDICATORS								With Sediment:
SECTION SAL	Indicat			In	licator Present?			Ir	dicator Description	
	Asset Dar									
	Deposits/S Pool Qu									
	Pipe Algae/									
*Do	physical indicators suggest an i):							
	Is Inlet Pipe No.			on or analytic					Estim	ated GPM:
SECTION 3A:	INLET PIPE NO. 1 PHYS Indicator		Present (Yes				Description			Severity
	Odor	Indicator	Tresent (Tes	2110)			Description			Severity
	Color									
Floatables (Turbidity (Does Not Include Trash)									
Control of the later of the lat	INLET PIPE NO. I SAMI	LING/TESTING RESUL	TS (ALL F	LOWING ASSETS)						
	mple Date/Time:			DO HING HEED TO						
	Parameter		Re	sult		Typic	al EPA Benchmarks		Equip	
Temp	perature (degrees F)								EXTEC	
Specifi	pH fic Conductivity (uS)								EXTECH	
	alinity (ppm S)								EXTECH	
	Chlorine (ppm)					5	Reporting Limit		Hach Te	
	mmonia (mg/L) erfactants (mg/L)						≥ 0.5 mg/L		Hach Te	
	coli (cfu/100mL)					2	≥ 0.25 mg/L ≥ 235 cfu/100mL	Т	o be sent to Lab or CHEM To be ser	ets Detergents Kit K-9400
	ococcus (cfu/100mL)						> 61 cfu/100mL		To be ser	
Ph	osphorus (mg/L)								To be ser	nt to lab
Location	Upstream Asset ID	Material		Clock Postion (Out	et Pine at 6:00)		Shape		Diameter/Dimension (in.	Submerged
Inlet Pipe No. 2	,				,		Duspe		Diameter Dimension (in.	In Water.
										With Sediment
SECTION 3B:	INLET PIPE NO. 2 PHYS									
	Indicat Asset Dar			Inc	licator Present?			In	dicator Description	
	Deposits/S	tains								
	Pool Qua Pipe Algae/G									
*Do j	physical indicators suggest an il):							
	Is Inlet Pipe No.	Control of the Contro							Estima	ated GPM:
SECTION 3B:	INLET PIPE NO. 2 PHYS									
	Indicator Odor	Indicator	Present (Yes	/No)			Description			Severity
	Color									
F1	Turbidity		•							
Name of the Owner	(Does Not Include Trash) INLET PIPE NO. 2 SAME	I INC/TESTING BEGIN	TC / LT T	LOWING ACCOUNT						•
	mple Date/Time:	LING TESTING RESUL	10 (ALL F	LONING ASSETS)						
	Parameter		Re	sult		Typic	al EPA Benchmarks		Equip	
Temp	erature (degrees F)								EXTECH	I EC500
Specifi	pH ic Conductivity (uS)								EXTECH EXTECH	
	alinity (ppm S)					2	Reporting Limit		EXTECH	
C	Chlorine (ppm)						Reporting Limit		Hach Tes	
	mmonia (mg/L)						≥ 0.5 mg/L		Hach Tes	
	rfactants (mg/L) coli (cfu/100mL)					-	≥ 0.25 mg/L - 235 cfu/100mL	T	be sent to Lab or CHEM To be ser	ets Detergents Kit K-9400
Entero	ococcus (cfu/100mL)						> 61 cfu/100mL		To be ser	
Phe	osphorus (mg/L)								To be ser	

ECTION 3C: 1	INLET PIPE NO. 3 ASSE	T DESCRIPTION	3						
Location	Upstream Asset ID	Material	Clock Postion (Outle	t Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Submerged
Inlet Pipe No. 3									In Water: With Sediment:
FOTION 1C.	INT ET DIDE NO 2 DILV	FIGAL INDICATORS	-						Had Scanical
ECHON 3C:	INLET PIPE NO. 3 PHY: Indica		Indie	cator Present?	-		- 1	ndicator Description	
	Asset Da	mage							
	Deposits/								
	Pipe Algae								
*Do p	bysical indicators suggest an i	illicit discharge is present (Y/N):							
	Is Inlet Pipe No	.3 Flowing?						Estima	ited GPM:
ECTION 3C: 1		SICAL INDICATORS (ALL FLOW							
	Indicator	Indicator Present (Ye	s/No)		D	escription			Severity
	Odor Color								
	Turbidity					*			
Floatables (I	Does Not Include Trash)								
		PLING/TESTING RESULTS (ALL I	FLOWING ASSETS)						
	nple Date/Time:								
	Parameter erature (degrees F)	R	esult		Typical	EPA Benchmarks	-	Equips EXTECH	
	pН							EXTECH	
	c Conductivity (uS)							EXTECH	
	dinity (ppm S)							EXTECH	
	hlorine (ppm)					eporting Limit		Hach Test	
	nmonia (mg/L) factants (mg/L)					≥ 0.5 mg/L ≥ 0.25 mg/L	7	Hach Test	
	oli (cfu/100mL)					235 cfu/100mL		o be sent to Lab or CHEMe To be sent	
Enteroc	coccus (cfu/100mL)					61 cfu/100mL		To be sent	t to lab
Pho	sphorus (mg/L)							To be sent	t to lab
CTION AND	INI PT DIDE NO. 1 1000	T DESCRIPTION							
Location	Upstream Asset ID	T DESCRIPTION Material	Clock Postion (Outlet	Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Submerged
ilet Pipe No. 4			to soon to duri			Спарс			In Water:
let ripe No. 4									With Sediment:
CTION 3D: 1	INLET PIPE NO. 4 PHYS	SICAL INDICATORS							
	Indica		Indic	ator Present?			I	idicator Description	
	Asset Da Deposits/								
	Pool Qu								
	Pipe Algae/								
*Do pl	hysical indicators suggest an i	llicit discharge is present (Y/N):							
	Is Inlet Pipe No							Estimat	ted GPM:
CTION 3D: 1		SICAL INDICATORS (ALL FLOW							
	Indicator	Indicator Present (Yes	s/No)		De	escription			Severity
_	Odor Color								
	Turbidity								
	Does Not Include Trash)								
CTION 3D: 1	INLET PIPE NO. 4 SAM	PLING/TESTING RESULTS (ALL I	LOWING ASSETS)						
	iple Date/Time:								II per
	Parameter	Re	esult		Typical	EPA Benchmarks		Equipn	
Tempe	rature (degrees F) pH							EXTECH	
Specific	Conductivity (uS)							EXTECH EXTECH	
	linity (ppm S)							EXTECH	
Ch	hlorine (ppm)				≥R	eporting Limit		Hach Test	Strips
	imonia (mg/L)					≥ 0.5 mg/L		Hach Test	Strips
	factants (mg/L)					≥ 0.25 mg/L	T	o be sent to Lab or CHEMe	
	oli (cfu/100mL) coccus (cfu/100mL)					35 cfu/100mL 61 cfu/100mL		To be sent	
	sphorus (mg/L)					of CIL/TOOML		To be sent	
ECTION 3E: I	NLET PIPE NO. 5 ASSE	T DESCRIPTION							
Location	Upstream Asset ID	Material	Clock Postion (Outlet	Pipe at 6:00)		Shape		Diameter/Dimension (in.)	Submerged
let Pipe No. 5									In Water: With Sediment:
CTION 2F. I	NLET PIPE NO. 5 PHYS	CICAL INDICATORS							With Scument.
CHON SE: 1	Indicat		Indic	ator Present?			In	dicator Description	
	Asset Da		Huic	ator French			11	dicator Description	
	Deposits/S	Stains							
	Pool Qu								
*Do ni	Pipe Algae/ hysical indicators suggest an ii	Growth llicit discharge is present (Y/N):							
Do pi	Is Inlet Pipe No							Estimat	ted GPM:
CTION 3E: I		SICAL INDICATORS (ALL FLOWI	NG ASSETS)					1	
	Indicator	Indicator Present (Yes			De	escription			Severity
	Odor								
	Color					\$			
	Turbidity								
	Turbidity Does Not Include Trash)								
Floatables (D	Ooes Not Include Trash)		LOWING ASSETS)						
Floatables (D	Ooes Not Include Trash)	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)			W.	250		
Floatables (D ECTION 3E: I Sam	Does Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time: Parameter	PLING/TESTING RESULTS (ALL F	LOWING ASSETS)		Typical	EPA Benchmarks		Equipm	ient
Floatables (D ECTION 3E: I Sam	Ooes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter rature (degrees F)	PLING/TESTING RESULTS (ALL F			Typical	EPA Benchmarks		EXTECH!	EC500
Floatables (D CTION 3E: I Sam Temper	Oces Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time; Parameter rature (degrees F) pH	PLING/TESTING RESULTS (ALL F			Typical	EPA Benchmarks		EXTECH I	EC500 EC500
Floatables (D CCTION 3E: I Sam Temper	Ooes Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS)	PLING/TESTING RESULTS (ALL F			Typical	EPA Benchmarks		EXTECH I EXTECH I	EC500 EC500 EC500
Floatables (D CCTION 3E: I Sam Temper Specific Sal	Ooes Not Include Trash) NLET PIPE NO. 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S)	PLING/TESTING RESULTS (ALL F						EXTECH I EXTECH I EXTECH I	EC500 EC500 EC500 EC500
Floatables (D CCTION 3E: I Sam Temper Specific Sal	Ooes Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time: Parameter rature (degrees F) pH c Conductivity (uS)	PLING/TESTING RESULTS (ALL F			≥R	EPA Benchmarks		EXTECH I EXTECH I EXTECH I EXTECH I Hach Test	EC500 EC500 EC500 EC500 Strips
Floatables (D CCTION 3E: I Sam Temper Specific Sal Ch Am Surf	Over Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) vlorine (ppm) umonia (mg/L) factants (mg/L)	PLING/TESTING RESULTS (ALL F			≥ R4	eporting Limit	Т	EXTECH I EXTECH I EXTECH I	EC500 EC500 EC500 EC500 Strips Strips
Floatables (D CCTION 3E: I Sam Temper Specific Sal Ch Am Surf	Oces Not Include Trash) NLET PIPE NO, 5 SAMI pile Date/Time: Parameter rature (degrees F) pil Conductivity (uS) linivity (pm S) lorine (ppm) mmonia (mg/L) factants (mg/L) li (cfu/100mL)	PLING/TESTING RESULTS (ALL F			≥ Re	eporting Limit > 0.5 mg/L 10.25 mg/L 35 cfu/100mL	Т	EXTECH EXTECH EXTECH EXTECH Hach Test O be sent to Lab or CHEMet	EC500 EC500 EC500 EC500 Strips Strips ts Detergents Kit K-9400 to lab
Floatables (D ECTION 3E: I Sam Temper Specific Sal Ch Am Surf E.co	Over Not Include Trash) NLET PIPE NO, 5 SAMI ple Date/Time: Parameter rature (degrees F) pH Conductivity (uS) linity (ppm S) vlorine (ppm) umonia (mg/L) factants (mg/L)	PLING/TESTING RESULTS (ALL F			≥ Re	eporting Limit ≥ 0.5 mg/L ± 0.25 mg/L	Т	EXTECH I EXTECH I EXTECH I EXTECH I Hach Test Hach Test to be sent to Lab or CHEMet	EC500 EC500 EC500 EC500 Strips Strips Strips ts Detergents Kit K-9400 to lab

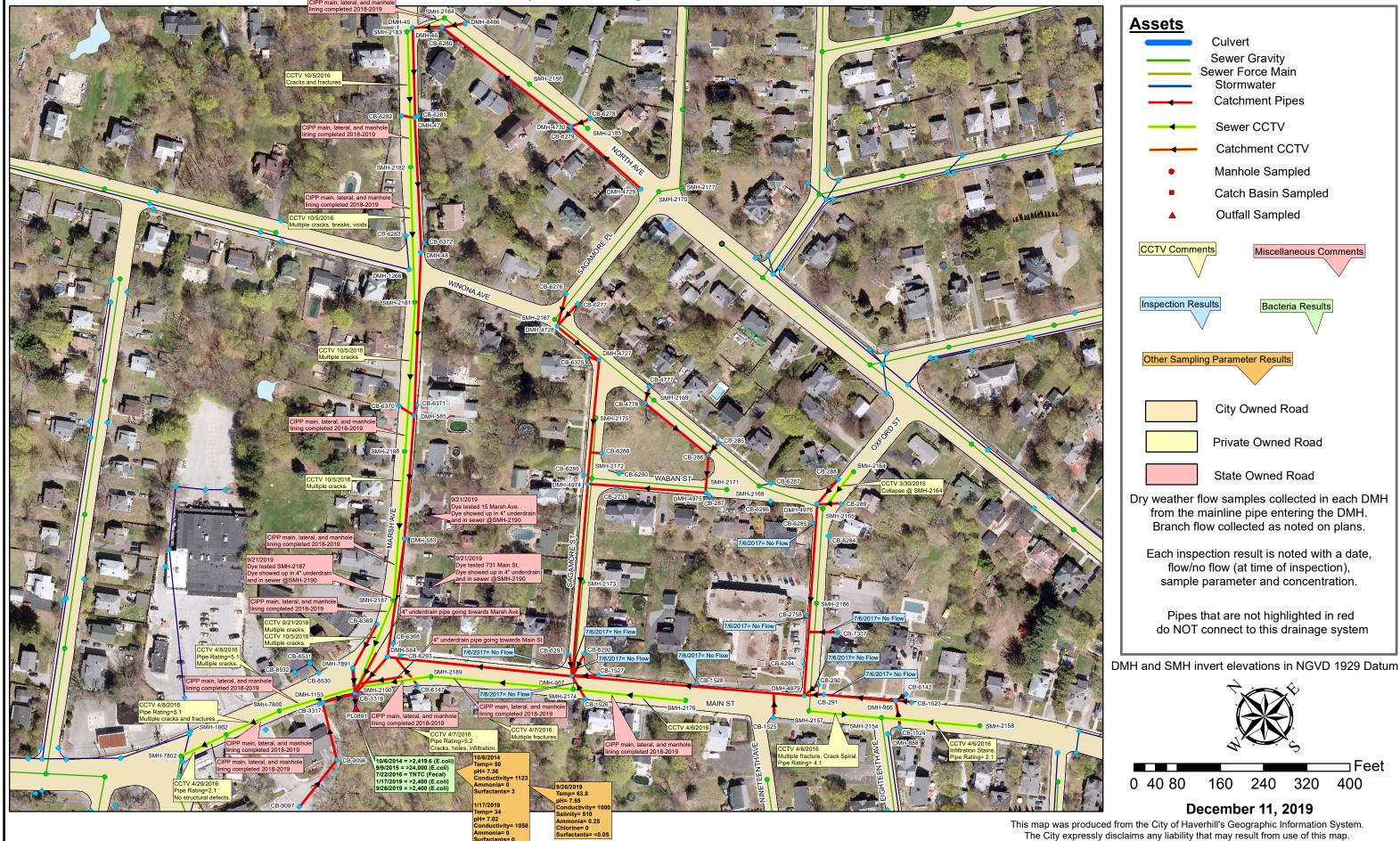
Ą

	Upstream Asset ID	Material	Clock Postion (Outlet Pipe at 6	:00) Shape	Diameter/Dimension (in.)	Submer	
Inlet Pipe No. 6						In Water:	
Inlet ripe No. 6						With Sediment:	
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS					
	Indicator		Indicator Pres	ent?	Indicator Description		
	Asset Damage						
	Deposits/Stains						
	Pool Quality						
	Pipe Algae/Growt						
*Do phy	ysical indicators suggest an illicit d						
	Is Inlet Pipe No.6 Flow	ving?			Estima	ted GPM:	
SECTION 3F: IN	NLET PIPE NO. 6 PHYSICAL	INDICATORS (ALL FLOW	/ING ASSETS)				
	Indicator	Indicator Present ()	'es/No)	Description		Severity	
	Odor						
	Color						
	Turbidity	•		*			
Floatables (De	oes Not Include Trash)						
	ole Date/Time:		Result	Typical EPA Benchmarks	Equip	ment	
	ature (degrees F)		ACJUN .	Typical El & Deutinial is	EXTECH		
Temper	pH				EXTECH		
Specific 6	Conductivity (uS)				EXTECH		
	nity (ppm S)				EXTECH		
				≥ Reporting Limit	Hach Test Strips		
Chlorine (ppm)				≥ 0.5 mg/L		Hach Test Strips	
	Ammonia (mg/L)			≥ 0.25 mg/L	To be sent to Lab or CHEMets Detergents Kit K-94		
Amn					To be sent to Lab or CHEM	ets Detergents Kit K-9.	
Amn Surfa	actants (mg/L)						
Amn Surfa E.col	i (cfu/100mL)			> 235 cfu/100mL	To be sen	t to lab	
Amn Surfa E.coli Enteroco	actants (mg/L)					t to lab	



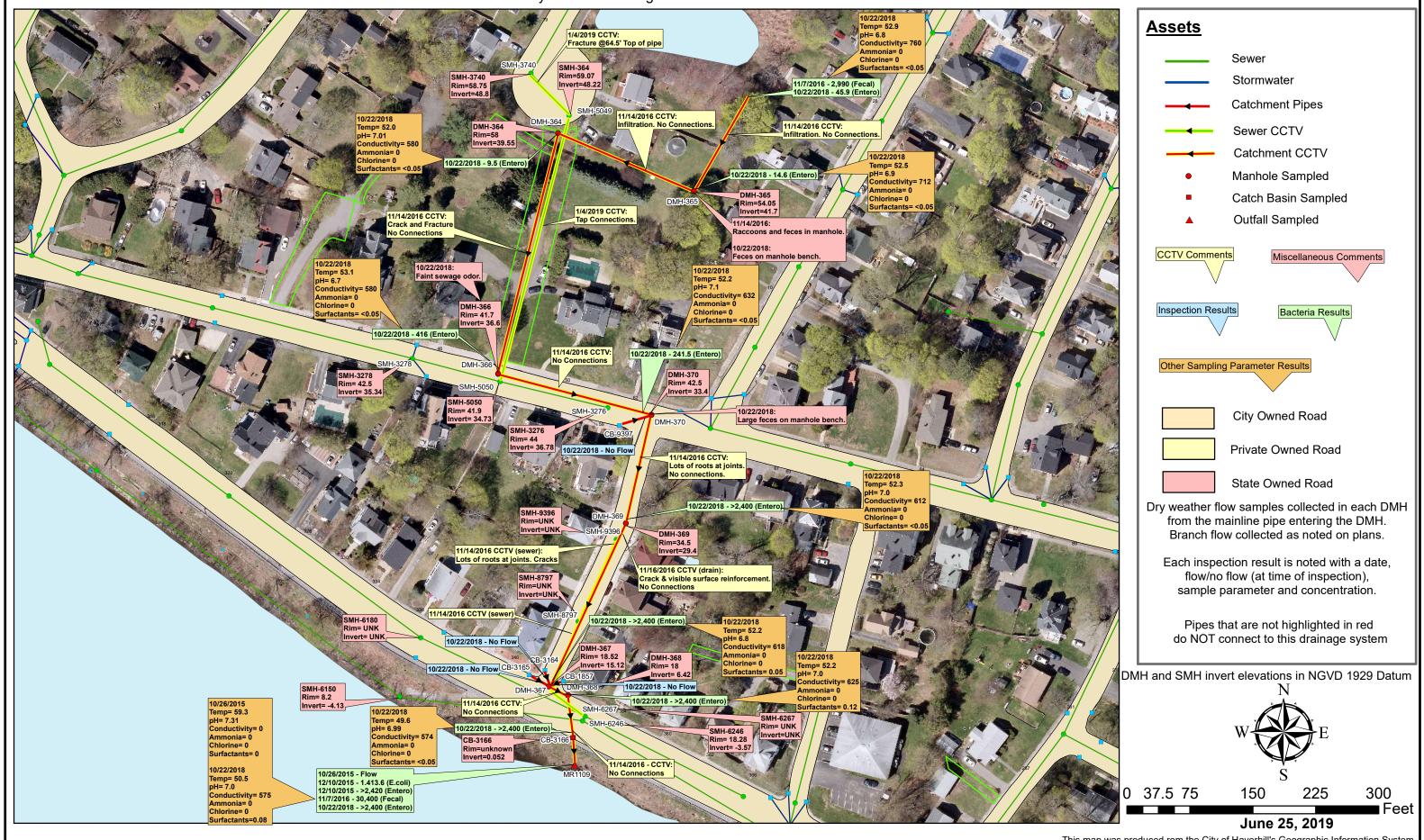
Outfall PL0891

Summary of IDDE Investigations



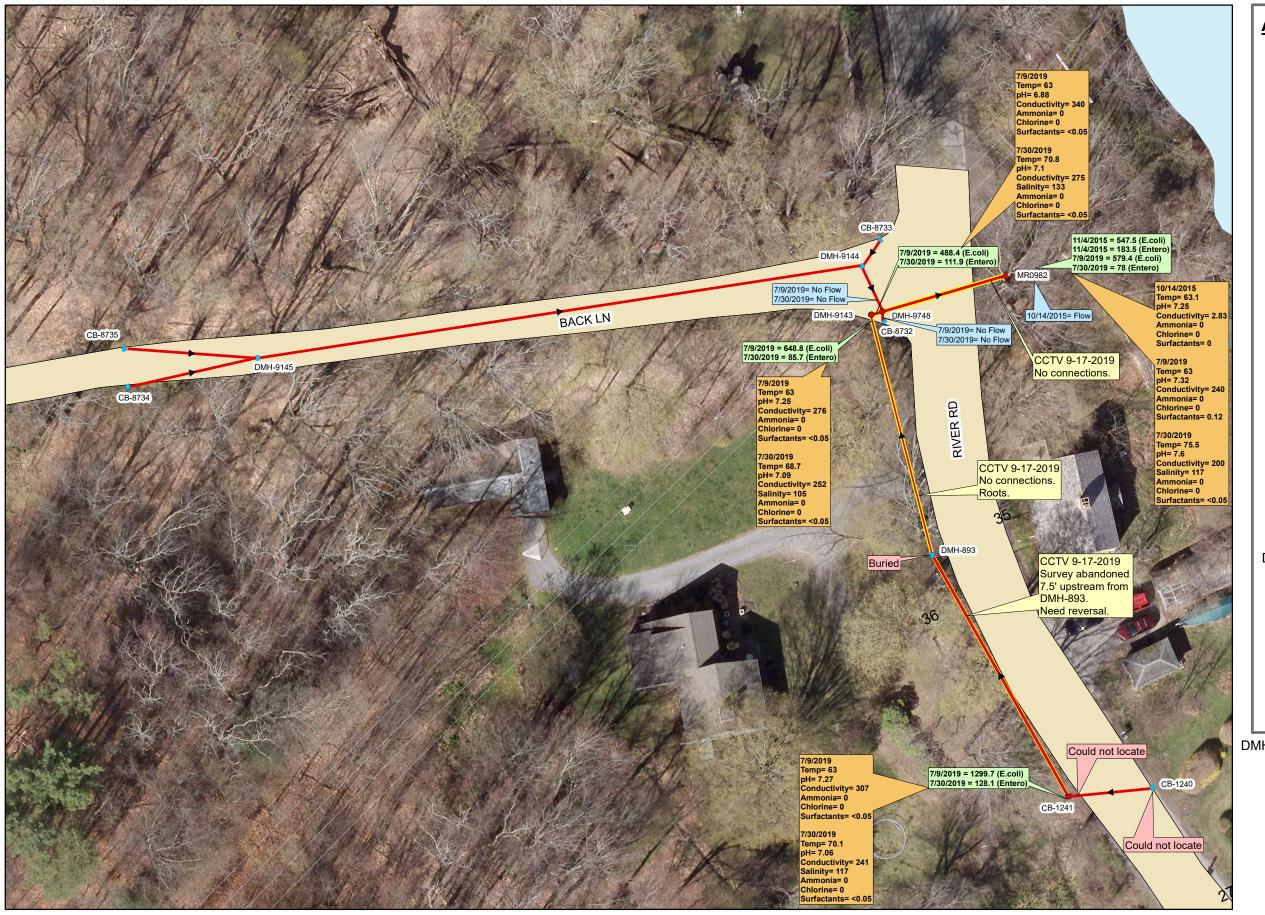
Outfall MR1109

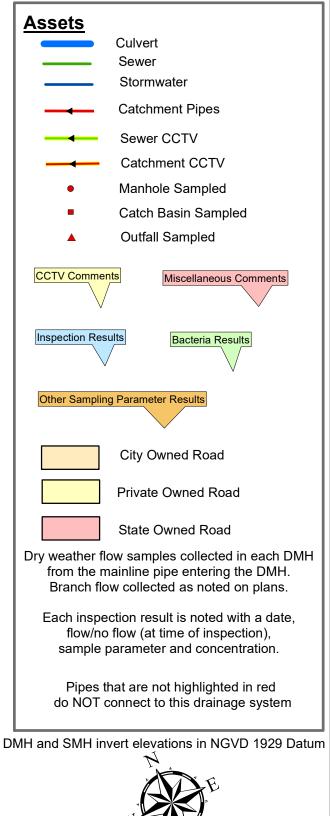
Summary of IDDE Investigations



Outfall MR0982

Summary of IDDE Investigations



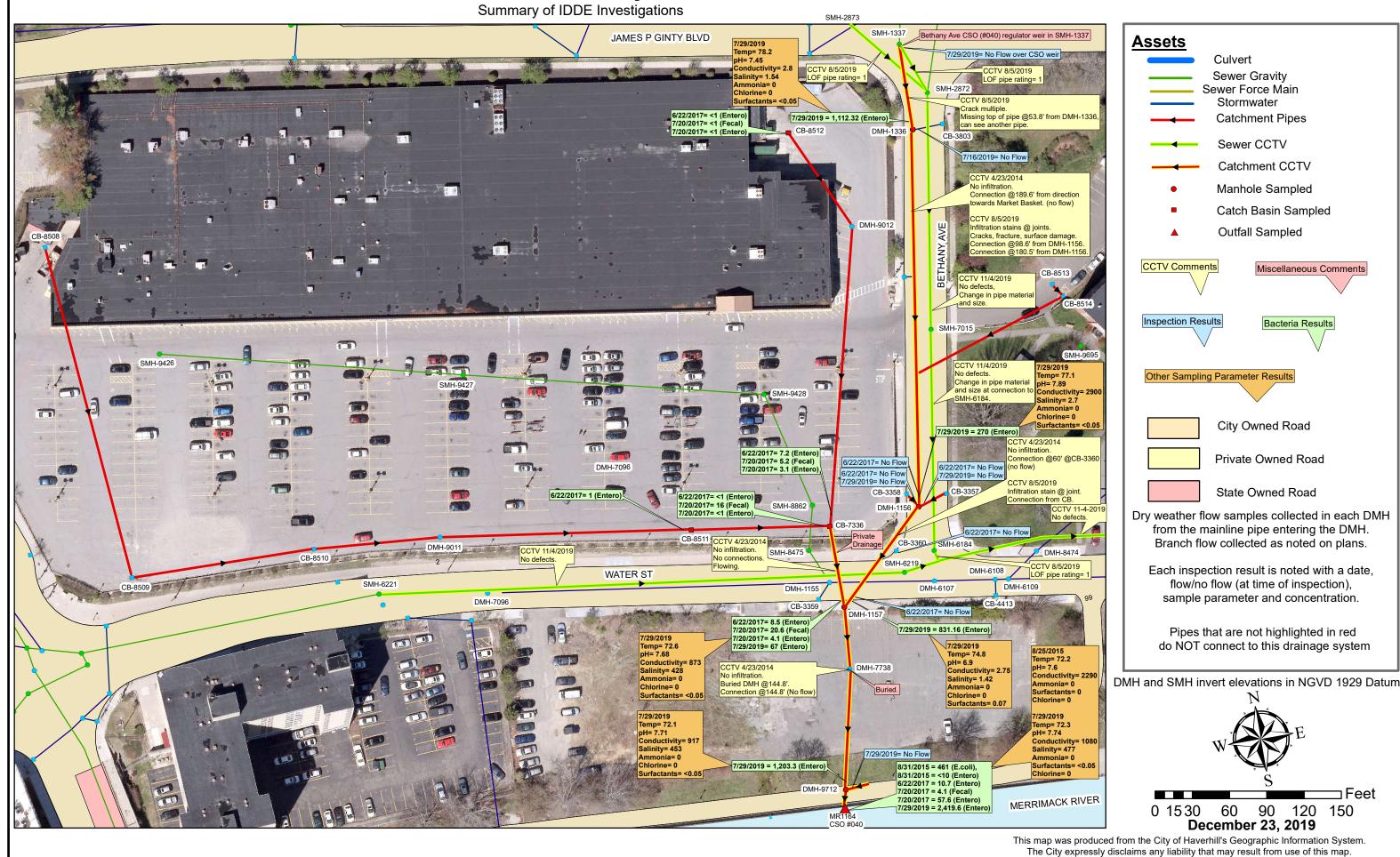


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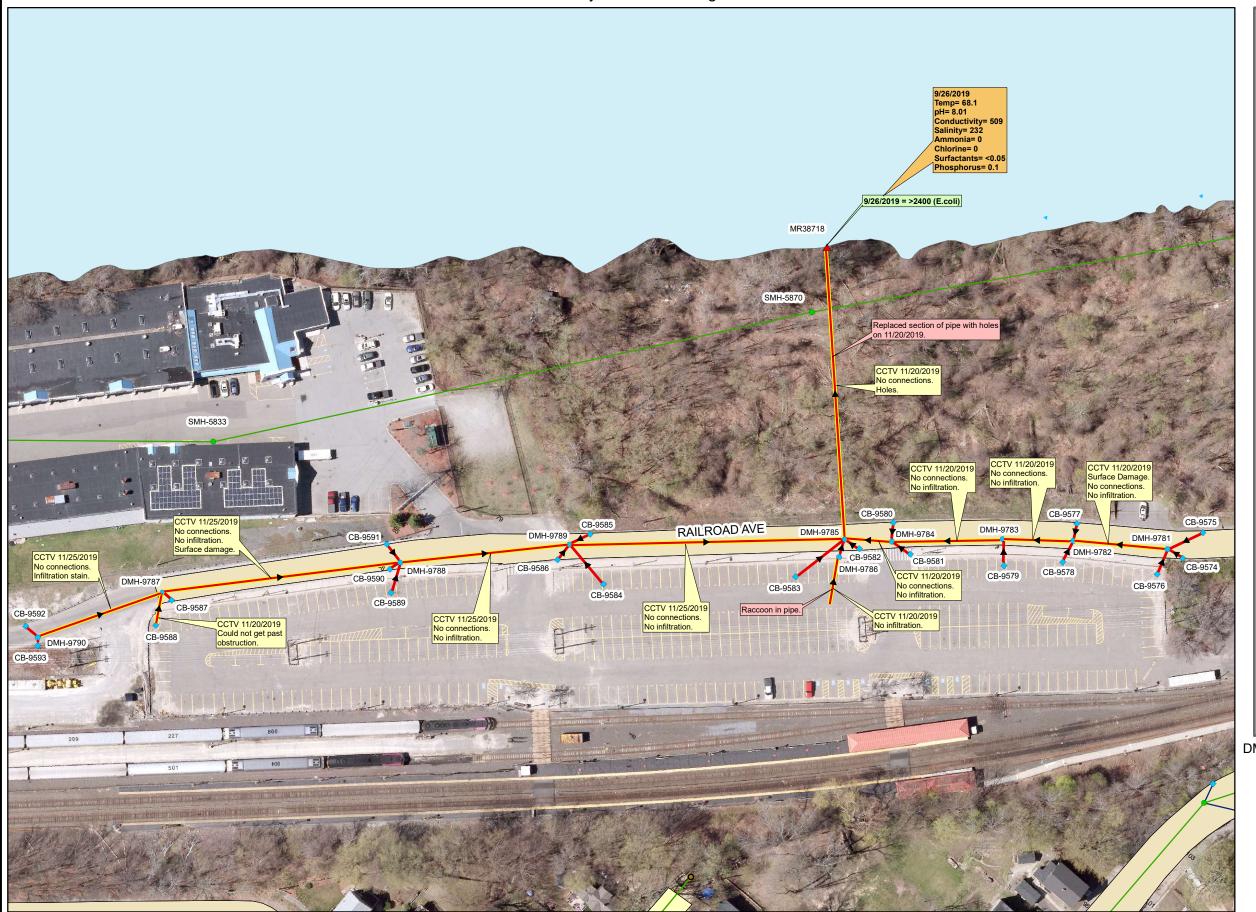
0 510 20 30 40 50 **December 23, 2019**

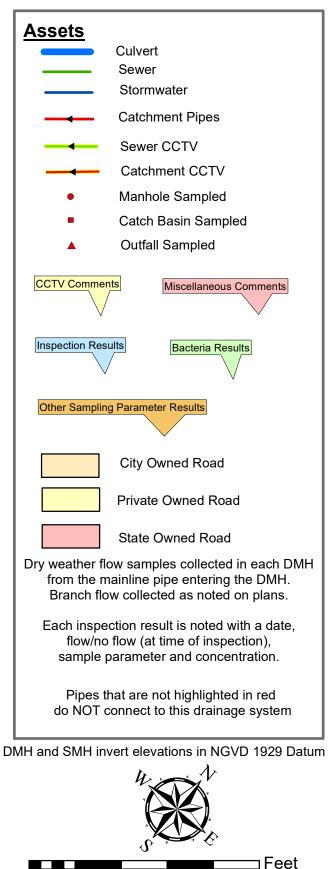
Outfall MR1164 / Bethany Ave CSO #040



Outfall MR38718

Summary of IDDE Investigations





December 24, 2019

120 160 200

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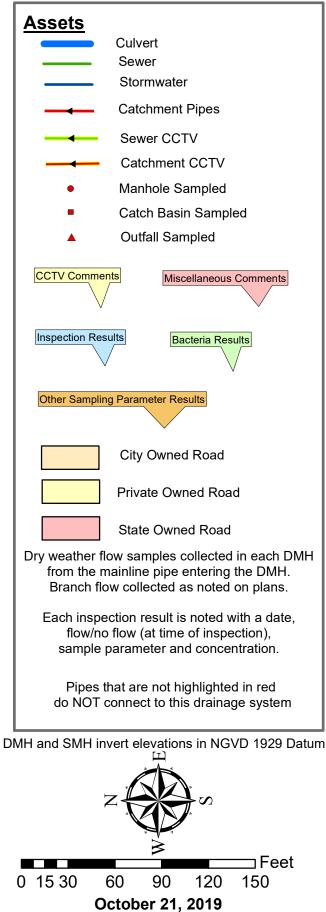
80

0 20 40

Outfall UNK1166

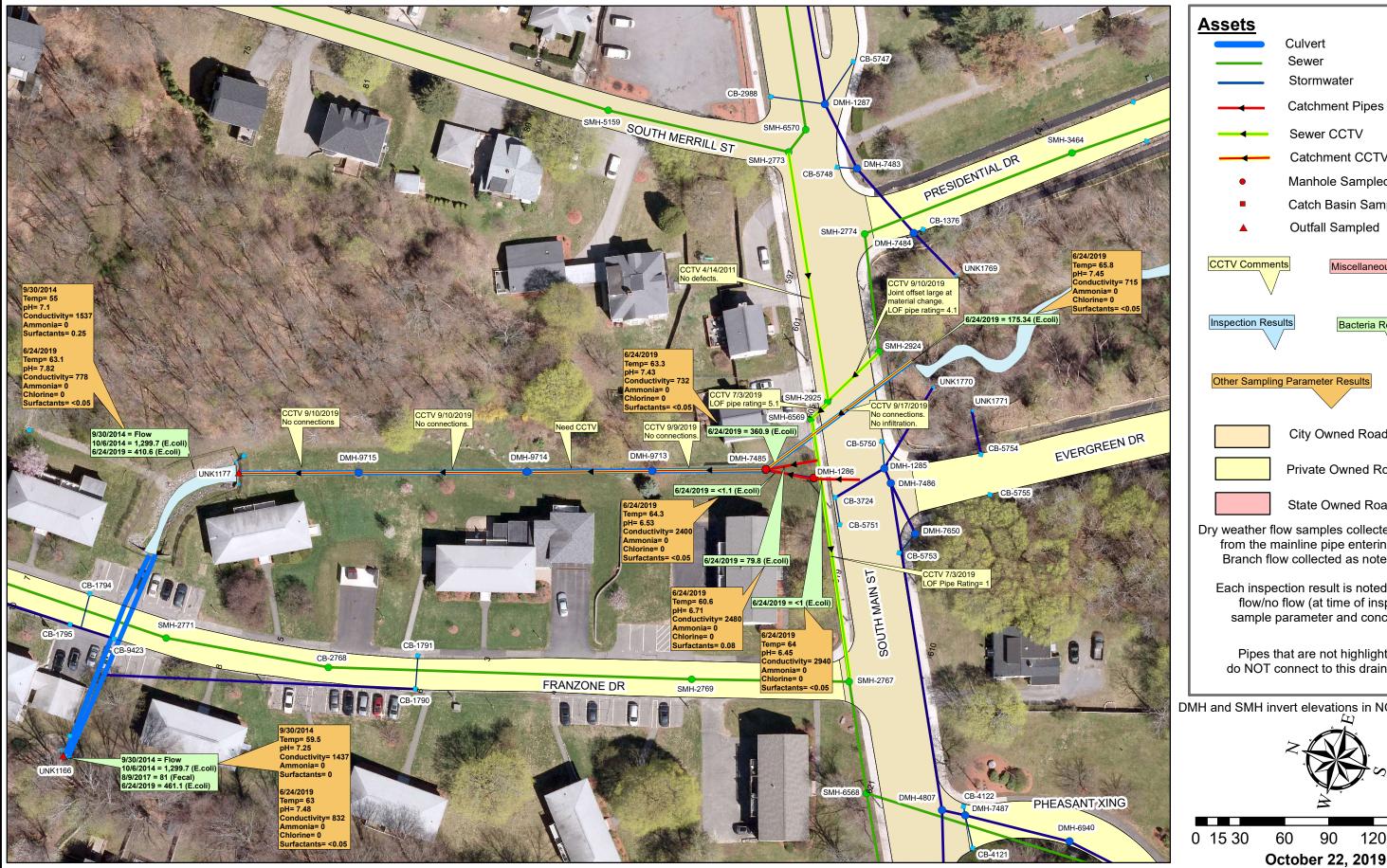
Summary of IDDE Investigations

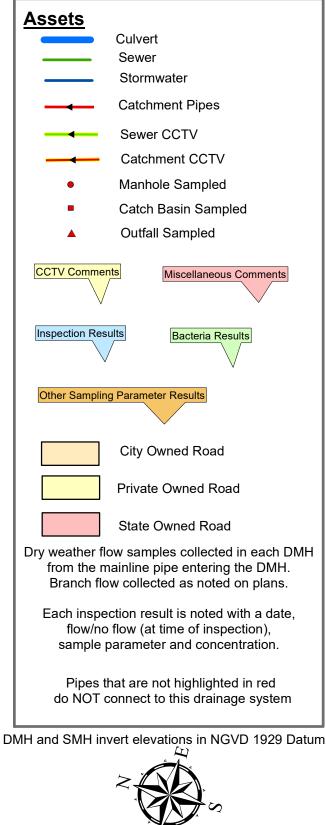




Outfall UNK1177

Summary of IDDE Investigations





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90

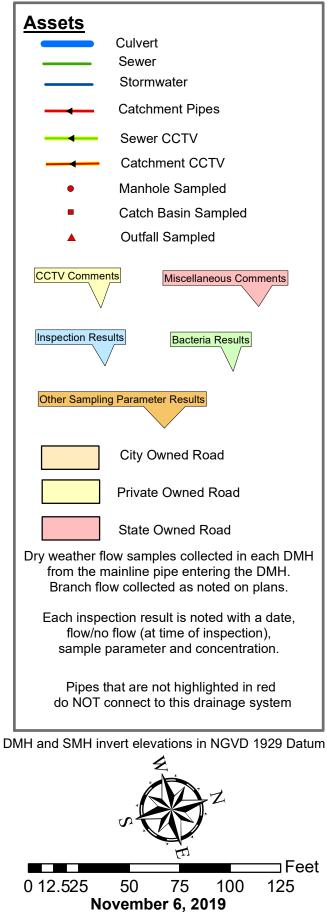
⊐ Feet

120 150

Outfall UNK1835

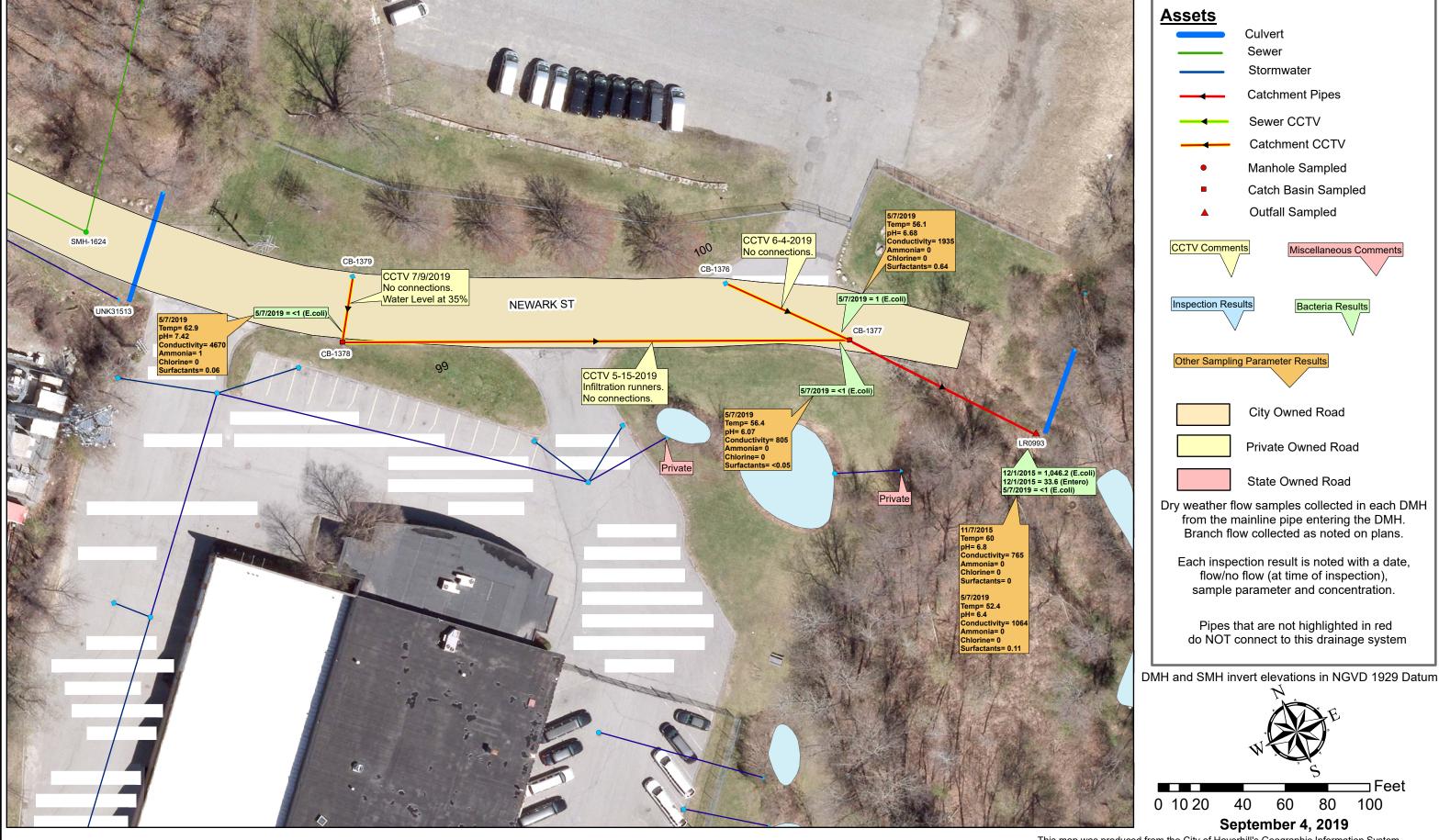
Summary of IDDE Investigations





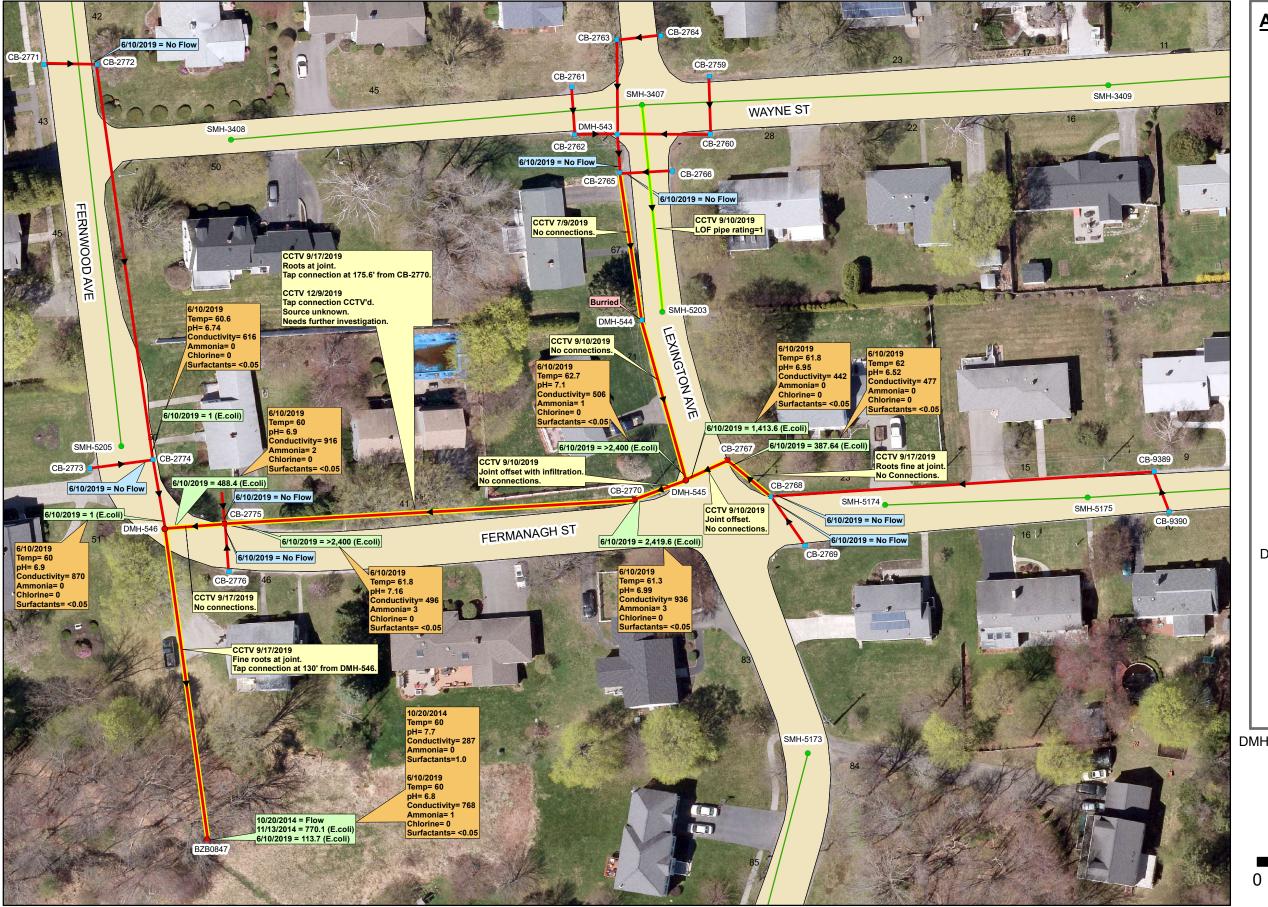
Outfall LR0993

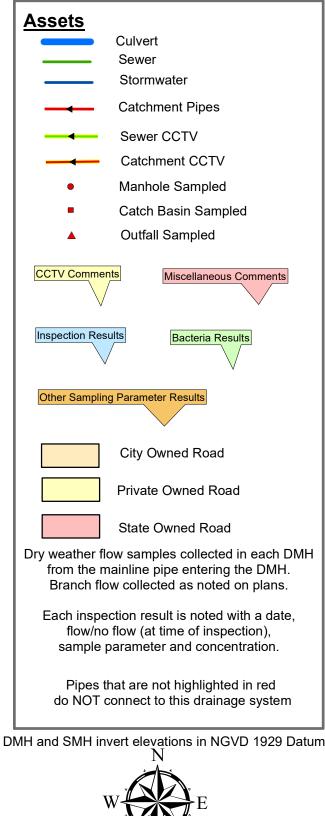
Summary of IDDE Investigations



Outfall BZB0847

Summary of IDDE Investigations



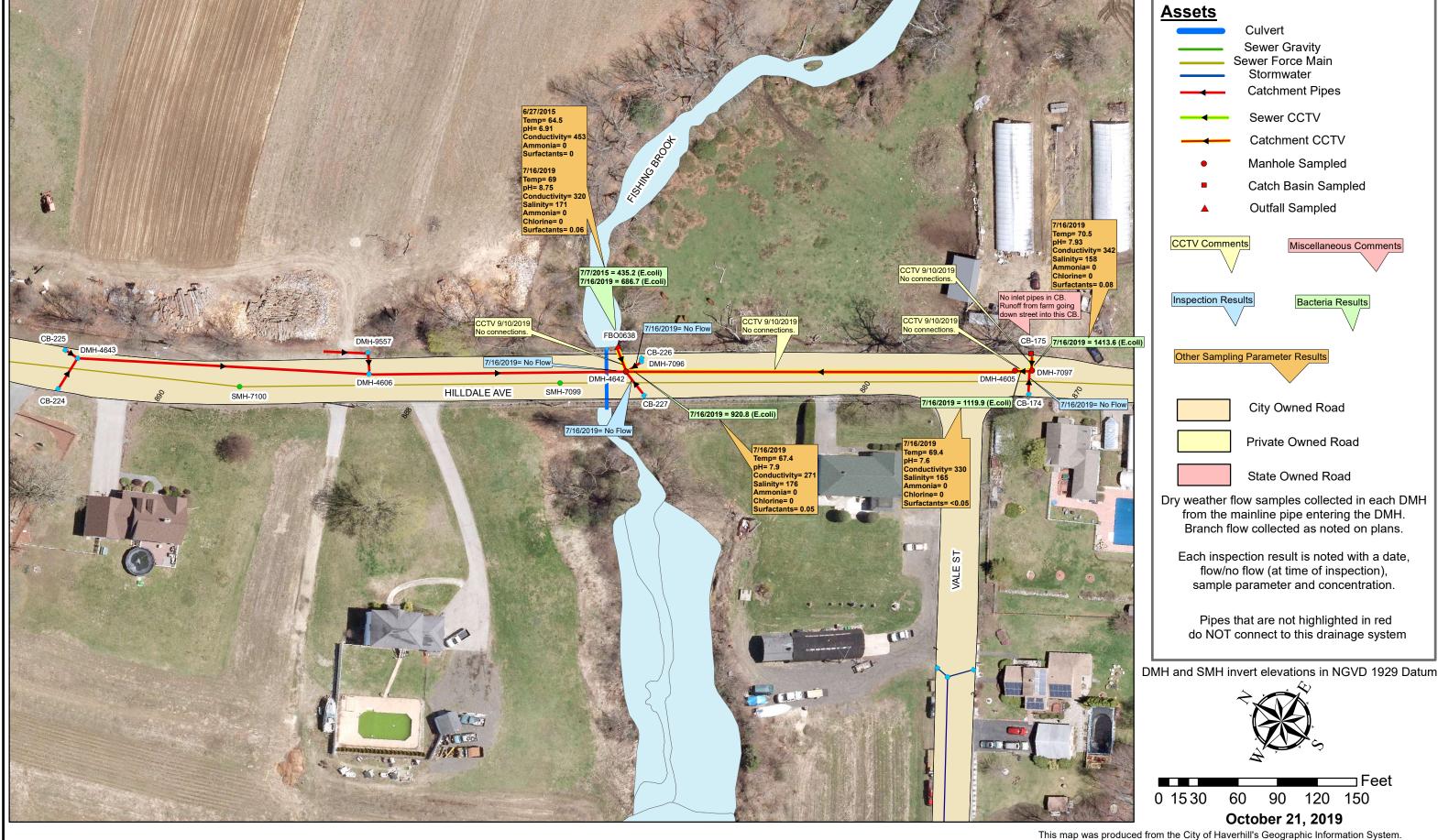


Feet
0 15 30 60 90 120 150

December 24, 2019

Outfall FBO0638

Summary of IDDE Investigations



Outfall PL1222

Summary of IDDE Investigations



Sewer Gravity Sewer Force Main Stormwater **Catchment Pipes** Sewer CCTV Catchment CCTV Manhole Sampled Catch Basin Sampled **Outfall Sampled** Miscellaneous Comments Bacteria Results Other Sampling Parameter Results City Owned Road Private Owned Road State Owned Road Dry weather flow samples collected in each DMH from the mainline pipe entering the DMH. Branch flow collected as noted on plans. Each inspection result is noted with a date, flow/no flow (at time of inspection), sample parameter and concentration. Pipes that are not highlighted in red do NOT connect to this drainage system

DMH and SMH invert elevations in NGVD 1929 Datum



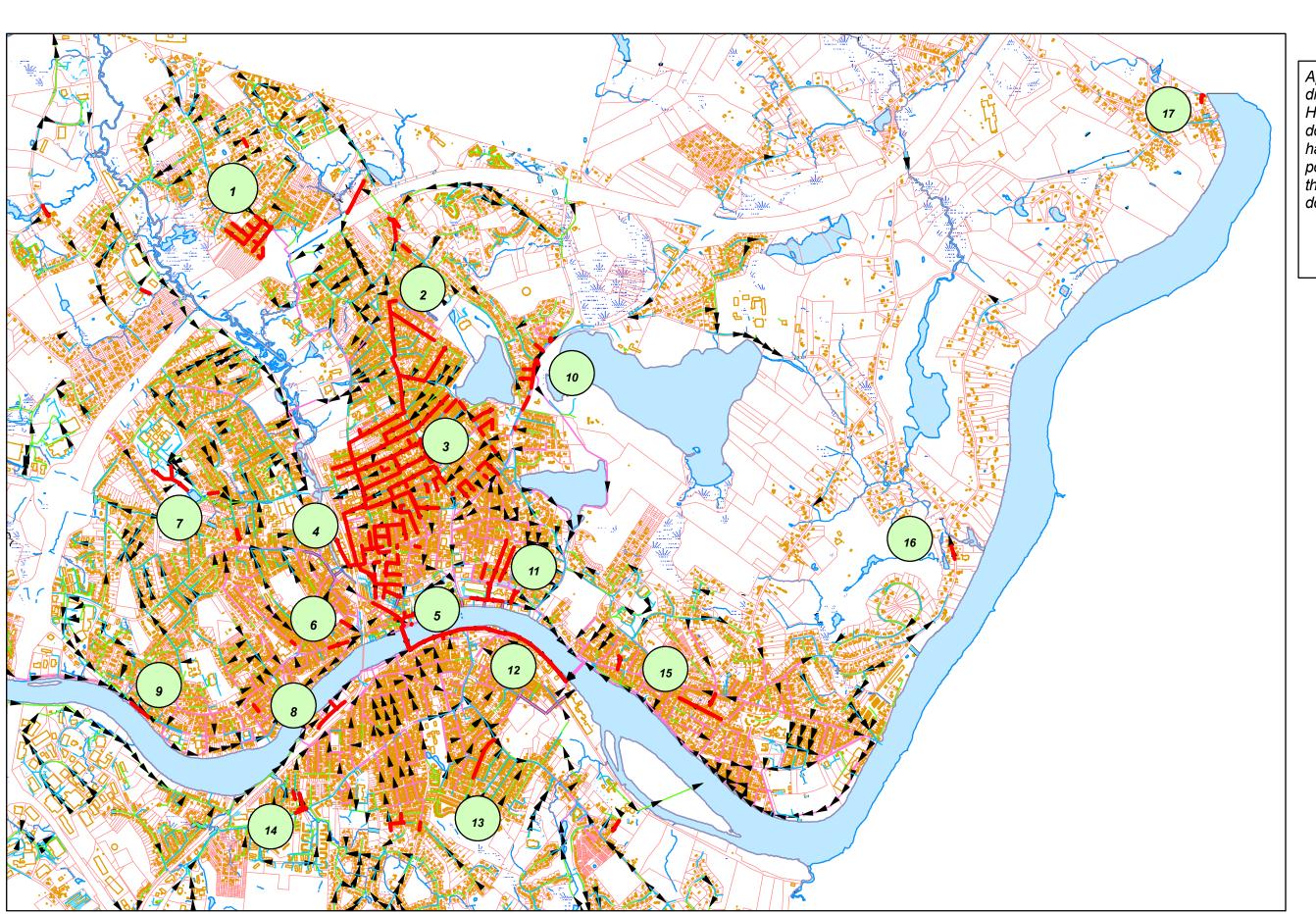
⊐ Feet 375 500 625

December 24, 2019

APPENDIX D

CCTV INSPECTIONS PERFORMED IN 2019

(Sewer & stormwater camera work done by various contractors in the year 2019)



Approximately 79,884' of sewer and drain were surveyed for the City of Haverhill MA in the year 2019. This does NOT included any work that may have been incomplete. The main portion of survey work done was in the central area of Haverhill, in the downtown and "avenues" area.



2,700 Feet

