

INDIAN TRAIL IMPROVEMENT DISTRICT
MS4 Permit No. FLS000018-004
Part V. – Monitoring Requirements; Sub-part A.
Assessment Program

Assessment Program Objective

The purpose of this assessment program is to provide information for Indian Trail Improvement District (ITID) to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its Municipal Separate Storm Sewer System (MS4) to receiving water bodies.

Assessment Program Components

As required by the MS4 Permit, the following parts make up this Assessment Program:

- A. **A Water Quality Monitoring Plan** – ITID is relying on the group data, however ITID does collect supplemental data as discussed below.
- B. **A Pollutant Loading Estimate Plan** – Indian Trail Improvement District MS4 is almost all low density (1¼ acre or larger) residential lots. Its pollutant impact to the NPDES receiving water is minimal. ITID has 2 defined drainage basins: the M-1 and M-2 Basins. The M-2 Basin has 10 NPDES outfalls into Seminole Improvement District's M-2 Canal that subsequently discharges into SFWMD's C-51 Canal. All of the M-2 Basin is low density single family residential. The M-1 Basin has 7 MS4 outfalls which discharge into either the SFWMD's L-8 Basin or their C-51 Basin. ITID has consistently demonstrated high water quality. As part of ITID's ERP permit for the M-1 Basin from SFWMD, ITID is required to take water quality samples. These samples are taken at 3 locations, see attached. Phosphorous has been identified as the limiting nutrient in South Florida and ITID's results for total phosphorous are typically between 30 and 60 ppb. Although these data are taken and demonstrate good water quality, ITID is relying on the Group Report while having these data as local ITID information to respond to any water quality questions.
- C. **An Evaluation and Response Plan** – The response plan is the plan of action to be taken based on the results from A. and B. and will be used to:
 - 1. evaluate trends in pollutants loading from the MS4 — see Group Report.
 - 2. evaluate trends in water quality (of discharge from the MS4) — see Group Report.
 - 3. identify portions of the MS4 to be targeted for loading reduction/corrective action — neither the Group Report or the ITID water quality data indicate any areas need to be targeted for loading reduction.

Part A – Water Quality Monitoring Plan

ITID will rely on the Group Report with backup provided by its water quality data to answer any questions relative to ITID.

Monitoring Locations

ITID will rely on the Group Report, but has included a map of its supplemental sampling locations.

Sampling Method

Not Applicable. However, see attached water quality report dated 7/10/17 example for the sampling available as backup.

Monitoring Parameters

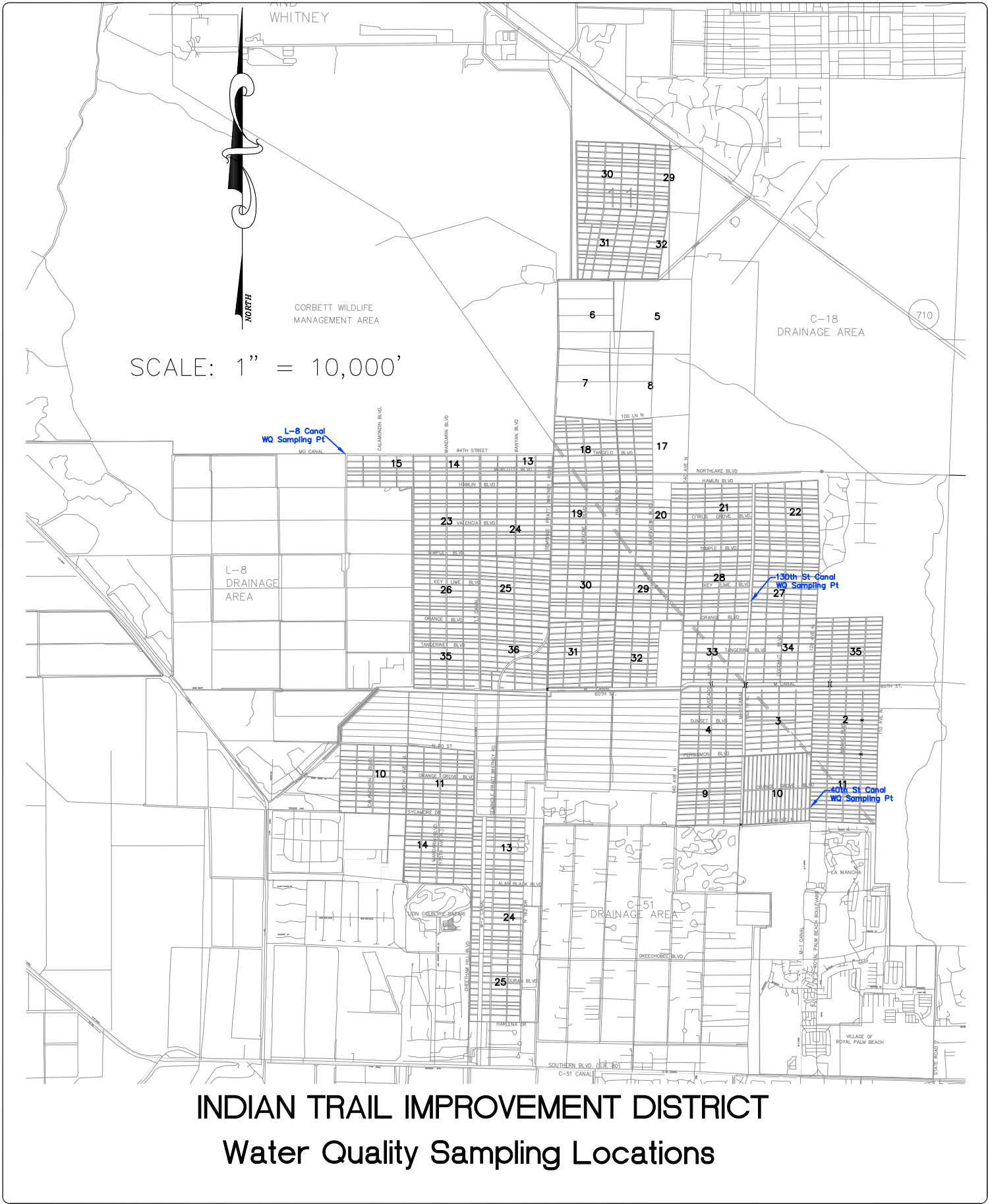
See Group Report. However, also see attached example for ITID's supplemental backup.

Part B – Pollutant Loading Estimate Plan

ITID will rely on the Group Report.

Part C – Evaluation and Response Plan

ITID will rely on the Group Report.



JOB NO. 91084.068	SHEET NO.	DATE	8/23/17
	1	DRAWN	JGF
	1	CHECKED	JGF

ITID
WQ Sampling Locations

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July 10, 2017

Operations and Maintenance
Indian Trail Improvement Dist.
13476 61 St. North
West Palm Beach, FL 33412

RE: Project: Bi-Monthly SW
Pace Project No.: 35321115

Dear Operations Maintenance:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Engineering, Indian Trail Improvement District
Laurene Palm, Indian Trail Improvement District



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bi-Monthly SW
Pace Project No.: 35321115

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

South Florida Certification IDs

3610 Park Central Blvd N, Pompano Beach, FL 33064

Florida Certification #: E86240

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: Bi-Monthly SW

Pace Project No.: 35321115

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35321115001	L-8 CANAL	Water	06/29/17 10:30	06/29/17 17:45
35321115002	130 ST CANAL	Water	06/29/17 11:30	06/29/17 17:45
35321115003	40TH ST CANAL	Water	06/29/17 12:30	06/29/17 17:45

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SAMPLE ANALYTE COUNT

Project: Bi-Monthly SW

Pace Project No.: 35321115

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35321115001	L-8 CANAL	EPA 1664B	JMS	1	PASI-C
		EPA 200.7	BTS	2	PASI-O
		EPA 245.1	MLO	1	PASI-O
		SM 2540D	VVV	1	PASI-SF
		SM 9222B	STH	1	PASI-SF
		SM 9222D	STH	1	PASI-SF
		SM 2320B	AGS	1	PASI-O
		SM10200	RT1	1	PASI-O
		TKN+NOx Calculation	TLK	1	PASI-O
		EPA 351.2	RT1	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 365.3	JDW	1	PASI-O
		EPA 410.4	TDH	1	PASI-O
		SM 5310B	AEM	1	PASI-O
		35321115002	130 ST CANAL	EPA 1664B	JMS
EPA 200.7	BTS			2	PASI-O
EPA 245.1	MLO			1	PASI-O
SM 2540D	VVV			1	PASI-SF
SM 9222B	STH			1	PASI-SF
SM 9222D	STH			1	PASI-SF
SM 2320B	AGS			1	PASI-O
SM10200	RT1			1	PASI-O
TKN+NOx Calculation	TLK			1	PASI-O
EPA 351.2	RT1			1	PASI-O
EPA 353.2	JWH			1	PASI-O
EPA 365.3	JDW			1	PASI-O
EPA 410.4	TDH			1	PASI-O
SM 5310B	AEM			1	PASI-O
35321115003	40TH ST CANAL			EPA 1664B	JMS
		EPA 200.7	BTS	2	PASI-O
		EPA 245.1	MLO	1	PASI-O
		SM 2540D	VVV	1	PASI-SF
		SM 9222B	STH	1	PASI-SF
		SM 9222D	STH	1	PASI-SF
		SM 2320B	AGS	1	PASI-O
		SM10200	RT1	1	PASI-O
		TKN+NOx Calculation	TLK	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Bi-Monthly SW
Pace Project No.: 35321115

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 351.2	RT1	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 365.3	JDW	1	PASI-O
		EPA 410.4	TDH	1	PASI-O
		SM 5310B	AEM	1	PASI-O

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ANALYTICAL RESULTS

Project: Bi-Monthly SW
Pace Project No.: 35321115

Sample: L-8 CANAL Lab ID: 35321115001 Collected: 06/29/17 10:30 Received: 06/29/17 17:45 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
HEM, Oil and Grease Analytical Method: EPA 1664B									
Oil and Grease	1.6 I	mg/L	5.0	1.1	1		07/10/17 06:08		
200.7 MET ICP Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Lead	5.0 U	ug/L	10.0	5.0	1	07/06/17 15:50	07/10/17 02:08	7439-92-1	
Zinc	16.0 I	ug/L	20.0	10.0	1	07/06/17 15:50	07/10/17 02:08	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1									
Mercury	0.10 U	ug/L	0.20	0.10	1	07/03/17 12:17	07/05/17 11:39	7439-97-6	
2540D Total Suspended Solids Analytical Method: SM 2540D									
Total Suspended Solids	3.8	mg/L	3.3	3.3	1		07/06/17 12:53		
9222B Total Coliform MF Analytical Method: SM 9222B Preparation Method: SM 9222B									
Total Coliforms	4300	CFU/100 mL	1.0	1.0	1	06/29/17 18:28	06/30/17 16:45		1p,Z
9222D Fecal Coliform Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	910	CFU/100 mL	1.0	1.0	1	06/29/17 18:26	06/30/17 17:02		B
2320B Alkalinity Analytical Method: SM 2320B									
Alkalinity, Total as CaCO ₃	122	mg/L	5.0	5.0	1		07/05/17 15:24		
Chlorophyll & Pheophytin Analytical Method: SM10200 Preparation Method: SM10200									
Chlorophyll a (Corrected)	4.4 I	mg/m ³	5.0	2.2	1	07/01/17 09:00	07/07/17 15:13		
Total Nitrogen Calculation Analytical Method: TKN+NO _x Calculation									
Total Nitrogen	1.1	mg/L	0.50	0.086	1		07/10/17 09:55		
351.2 Total Kjeldahl Nitrogen Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Nitrogen, Kjeldahl, Total	1.1	mg/L	0.50	0.086	1	07/07/17 07:53	07/08/17 11:07	7727-37-9	
353.2 Nitrogen, NO₂/NO₃ pres. Analytical Method: EPA 353.2									
Nitrogen, NO ₂ plus NO ₃	0.036 I	mg/L	0.050	0.025	1		07/06/17 17:15		
365.3 Phosph. Total Low Level Analytical Method: EPA 365.3									
Phosphorus, Total (as P) LL	0.029	mg/L	0.0040	0.0028	1		07/08/17 16:08	7723-14-0	
410.4 COD Analytical Method: EPA 410.4									
Chemical Oxygen Demand	34.0	mg/L	20.0	12.5	1		07/10/17 14:32		
5310B TOC Analytical Method: SM 5310B									
Total Organic Carbon	12.5	mg/L	1.0	0.50	1		07/06/17 12:27	7440-44-0	

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ANALYTICAL RESULTS

Project: Bi-Monthly SW

Pace Project No.: 35321115

Sample: 130 ST CANAL **Lab ID: 35321115002** Collected: 06/29/17 11:30 Received: 06/29/17 17:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
HEM, Oil and Grease									
Analytical Method: EPA 1664B									
Oil and Grease	1.1 U	mg/L	5.0	1.1	1		07/10/17 06:08		
200.7 MET ICP									
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Lead	5.8 I	ug/L	10.0	5.0	1	07/06/17 15:50	07/10/17 02:13	7439-92-1	
Zinc	10.0 U	ug/L	20.0	10.0	1	07/06/17 15:50	07/10/17 02:13	7440-66-6	
245.1 Mercury									
Analytical Method: EPA 245.1 Preparation Method: EPA 245.1									
Mercury	0.10 U	ug/L	0.20	0.10	1	07/03/17 12:17	07/05/17 11:41	7439-97-6	
2540D Total Suspended Solids									
Analytical Method: SM 2540D									
Total Suspended Solids	4.5	mg/L	3.3	3.3	1		07/06/17 12:53		
9222B Total Coliform MF									
Analytical Method: SM 9222B Preparation Method: SM 9222B									
Total Coliforms	1100	CFU/100 mL	1.0	1.0	1	06/29/17 18:28	06/30/17 16:45		1p,Z
9222D Fecal Coliform									
Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	220	CFU/100 mL	1.0	1.0	1	06/29/17 18:26	06/30/17 17:02		
2320B Alkalinity									
Analytical Method: SM 2320B									
Alkalinity, Total as CaCO ₃	248	mg/L	5.0	5.0	1		07/05/17 15:35		
Chlorophyll & Pheophytin									
Analytical Method: SM10200 Preparation Method: SM10200									
Chlorophyll a (Corrected)	4.3 I	mg/m ³	5.0	2.2	1	07/01/17 09:00	07/07/17 15:13		
Total Nitrogen Calculation									
Analytical Method: TKN+NO _x Calculation									
Total Nitrogen	0.92	mg/L	0.50	0.086	1		07/10/17 09:55		
351.2 Total Kjeldahl Nitrogen									
Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Nitrogen, Kjeldahl, Total	0.84	mg/L	0.50	0.086	1	07/07/17 07:53	07/08/17 11:08	7727-37-9	
353.2 Nitrogen, NO₂/NO₃ pres.									
Analytical Method: EPA 353.2									
Nitrogen, NO ₂ plus NO ₃	0.078	mg/L	0.050	0.025	1		07/06/17 17:19		
365.3 Phosph. Total Low Level									
Analytical Method: EPA 365.3									
Phosphorus, Total (as P) LL	0.033	mg/L	0.0040	0.0028	1		07/08/17 16:12	7723-14-0	
410.4 COD									
Analytical Method: EPA 410.4									
Chemical Oxygen Demand	29.9	mg/L	20.0	12.5	1		07/10/17 14:32		
5310B TOC									
Analytical Method: SM 5310B									
Total Organic Carbon	11.1	mg/L	1.0	0.50	1		07/06/17 12:41	7440-44-0	

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ANALYTICAL RESULTS

Project: Bi-Monthly SW
Pace Project No.: 35321115

Sample: 40TH ST CANAL **Lab ID:** 35321115003 Collected: 06/29/17 12:30 Received: 06/29/17 17:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
HEM, Oil and Grease Analytical Method: EPA 1664B									
Oil and Grease	1.1 U	mg/L	5.0	1.1	1		07/10/17 06:08		
200.7 MET ICP Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Lead	5.0 U	ug/L	10.0	5.0	1	07/09/17 16:30	07/10/17 15:07	7439-92-1	
Zinc	10.0 U	ug/L	20.0	10.0	1	07/09/17 16:30	07/10/17 15:07	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1									
Mercury	0.10 U	ug/L	0.20	0.10	1	07/03/17 12:17	07/05/17 11:43	7439-97-6	
2540D Total Suspended Solids Analytical Method: SM 2540D									
Total Suspended Solids	5.0 U	mg/L	5.0	5.0	1		07/06/17 12:53		
9222B Total Coliform MF Analytical Method: SM 9222B Preparation Method: SM 9222B									
Total Coliforms	2000	CFU/100 mL	1.0	1.0	1	06/29/17 18:28	06/30/17 16:45		B
9222D Fecal Coliform Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	320	CFU/100 mL	1.0	1.0	1	06/29/17 18:26	06/30/17 17:02		
2320B Alkalinity Analytical Method: SM 2320B									
Alkalinity, Total as CaCO ₃	246	mg/L	5.0	5.0	1		07/05/17 15:41		
Chlorophyll & Pheophytin Analytical Method: SM10200 Preparation Method: SM10200									
Chlorophyll a (Corrected)	3.4 I	mg/m ³	5.0	2.2	1	07/01/17 09:00	07/07/17 15:13		
Total Nitrogen Calculation Analytical Method: TKN+NO _x Calculation									
Total Nitrogen	0.84	mg/L	0.50	0.086	1		07/10/17 09:55		
351.2 Total Kjeldahl Nitrogen Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Nitrogen, Kjeldahl, Total	0.79	mg/L	0.50	0.086	1	07/07/17 07:53	07/08/17 11:10	7727-37-9	
353.2 Nitrogen, NO₂/NO₃ pres. Analytical Method: EPA 353.2									
Nitrogen, NO ₂ plus NO ₃	0.052	mg/L	0.050	0.025	1		07/06/17 17:20		
365.3 Phosph. Total Low Level Analytical Method: EPA 365.3									
Phosphorus, Total (as P) LL	0.036	mg/L	0.0040	0.0028	1		07/08/17 16:13	7723-14-0	
410.4 COD Analytical Method: EPA 410.4									
Chemical Oxygen Demand	33.8	mg/L	20.0	12.5	1		07/10/17 14:32		
5310B TOC Analytical Method: SM 5310B									
Total Organic Carbon	12.0	mg/L	1.0	0.50	1		07/06/17 13:00	7440-44-0	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch:	368270	Analysis Method:	EPA 1664B
QC Batch Method:	EPA 1664B	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	35321115001, 35321115002, 35321115003		

METHOD BLANK:	2040847	Matrix:	Water
Associated Lab Samples:	35321115001, 35321115002, 35321115003		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	1.1 U	5.0	1.1	07/10/17 06:04	

Parameter	Units	2040848		2040849		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Oil and Grease	mg/L	40	37.2	37.6	93	94	78-114	1	30

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 378763 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2052670 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.10 U	0.20	0.10	07/05/17 11:05	

LABORATORY CONTROL SAMPLE: 2052671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2052672 2052673

Parameter	Units	35321031006 Result	MS		MSD		% Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Conc.	Result	Result				RPD	RPD	
Mercury	ug/L	0.00010 U mg/L	2	2	2.2	2.1	105	100	70-130	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2052674 2052675

Parameter	Units	35321335001 Result	MS		MSD		% Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Conc.	Result	Result				RPD	RPD	
Mercury	ug/L	<0.20	2	2	2.2	2.2	106	106	70-130	0	20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 379353 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 MET
Associated Lab Samples: 35321115001, 35321115002

METHOD BLANK: 2055610 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	5.0 U	10.0	5.0	07/09/17 23:42	
Zinc	ug/L	10.0 U	20.0	10.0	07/09/17 23:42	

LABORATORY CONTROL SAMPLE: 2055611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	263	105	85-115	
Zinc	ug/L	1250	1300	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2055612 2055613

Parameter	Units	35319307001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result						
Lead	ug/L	20.8	250	250	255	252	94	93	70-130	1	20	
Zinc	ug/L	10.0 I	1250	1250	1380	1380	110	109	70-130	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2055614 2055615

Parameter	Units	35320532001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result						
Lead	ug/L	0.0050 U mg/L	250	250	261	266	103	105	70-130	2	20	
Zinc	ug/L	0.010 U mg/L	1250	1250	1290	1300	102	104	70-130	1	20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379756

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 MET

Associated Lab Samples: 35321115003

METHOD BLANK: 2058864

Matrix: Water

Associated Lab Samples: 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	5.0 U	10.0	5.0	07/10/17 17:44	
Zinc	ug/L	10.0 U	20.0	10.0	07/10/17 17:44	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2058866 2058867

Parameter	Units	35320792002		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Lead	ug/L	127	250	250	396	401	108	110	70-130	1	20	
Zinc	ug/L	1160	1250	1250	2470	2510	105	108	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379412

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2056308

Matrix: Water

Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	1.0 U	1.0	1.0	07/06/17 12:50	

LABORATORY CONTROL SAMPLE: 2056309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	94.7	95	90-110	

SAMPLE DUPLICATE: 2056313

Parameter	Units	35321252002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	5.0 U		5	

SAMPLE DUPLICATE: 2056360

Parameter	Units	35321260001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	343	290	17	5	J(D6)

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379929

Analysis Method: SM 9222B

QC Batch Method: SM 9222B

Analysis Description: 9222B MBIO Total Coliforms

Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2059364

Matrix: Water

Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Coliforms	CFU/100 mL	1.0 U	1.0	1.0	06/30/17 16:45	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379554

Analysis Method: SM 9222D

QC Batch Method: SM 9222D

Analysis Description: 9222D MBIO Fecal Coliform

Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2057396

Matrix: Water

Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0 U	1.0	1.0	06/30/17 17:02	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 378932 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2053620 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	5.0 U	5.0	5.0	07/05/17 15:11	

LABORATORY CONTROL SAMPLE: 2053621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	243	97	90-110	

SAMPLE DUPLICATE: 2053622

Parameter	Units	35321115001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	122	121	1	20	

SAMPLE DUPLICATE: 2053623

Parameter	Units	92346137001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	53.4	52.5	2	20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 378303

Analysis Method: SM10200

QC Batch Method: SM10200

Analysis Description: Chlorophyll & Pheophytin

Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2050240

Matrix: Water

Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chlorophyll a (Corrected)	mg/m3	2.2 U	5.0	2.2	07/07/17 15:13	

SAMPLE DUPLICATE: 2050242

Parameter	Units	35321078001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a (Corrected)	mg/m3	2.2 U	2.4 U		40	

SAMPLE DUPLICATE: 2050243

Parameter	Units	35321115003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a (Corrected)	mg/m3	3.4 I	3.1 I		40	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379443 Analysis Method: EPA 351.2
 QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
 Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2056774 Matrix: Water
 Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086 U	0.50	0.086	07/08/17 11:00	

LABORATORY CONTROL SAMPLE: 2056775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	20	19.5	97	90-110	

MATRIX SPIKE SAMPLE: 2056777

Parameter	Units	35321937001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.12 I	20	20.7	103	90-110	

SAMPLE DUPLICATE: 2056776

Parameter	Units	35321937001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.12 I	0.31 I		20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 379392 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2056050 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025 U	0.050	0.025	07/06/17 17:12	

LABORATORY CONTROL SAMPLE: 2056051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 2056053

Parameter	Units	35321115001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.036 I	2	1.9	94	90-110	

MATRIX SPIKE SAMPLE: 2056055

Parameter	Units	35321916001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	1.4	2	3.3	98	90-110	

SAMPLE DUPLICATE: 2056052

Parameter	Units	35321115001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.036 I	0.040 I		20	

SAMPLE DUPLICATE: 2056054

Parameter	Units	35321916001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	1.4	1.4	1	20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW

Pace Project No.: 35321115

QC Batch: 379555

Analysis Method: EPA 365.3

QC Batch Method: EPA 365.3

Analysis Description: 365.3 Low Level Total Phosphorus

Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2057398

Matrix: Water

Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Phosphorus, Total (as P) LL	mg/L	0.0028 U	0.0040	0.0028	07/08/17 16:06	

LABORATORY CONTROL SAMPLE: 2057399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P) LL	mg/L	.1	0.098	98	90-110	

MATRIX SPIKE SAMPLE: 2057401

Parameter	Units	35321115001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P) LL	mg/L	0.029	.1	0.13	104	80-120	

SAMPLE DUPLICATE: 2057400

Parameter	Units	35321115001 Result	Dup Result	RPD	Max RPD	Qualifiers
Phosphorus, Total (as P) LL	mg/L	0.029	0.027	8	20	

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 379852 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2059113 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	12.5 U	20.0	12.5	07/10/17 14:32	

LABORATORY CONTROL SAMPLE: 2059114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	497	99	90-110	

MATRIX SPIKE SAMPLE: 2059116

Parameter	Units	35319905001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L		339	5000	5190	97	90-110 D3

MATRIX SPIKE SAMPLE: 2059118

Parameter	Units	35321357001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L		26.0	500	544	104	90-110

SAMPLE DUPLICATE: 2059115

Parameter	Units	35319905001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L		339	248	31	20 D3,J(D6)

SAMPLE DUPLICATE: 2059117

Parameter	Units	35321357001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L		26.0	24.2	7	20

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QUALITY CONTROL DATA

Project: Bi-Monthly SW
Pace Project No.: 35321115

QC Batch: 379115 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 35321115001, 35321115002, 35321115003

METHOD BLANK: 2054305 Matrix: Water
Associated Lab Samples: 35321115001, 35321115002, 35321115003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50 U	1.0	0.50	07/06/17 08:53	

LABORATORY CONTROL SAMPLE: 2054306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2054307 2054308

Parameter	Units	35320597002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.6	20	20	21.8	22.0	96	97	80-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2054309 2054310

Parameter	Units	35319588001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	15.0	20	20	34.0	34.0	95	95	80-120	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bi-Monthly SW
Pace Project No.: 35321115

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte
PASI-O Pace Analytical Services - Ormond Beach
PASI-SF Pace Analytical Services - South Florida

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U Compound was analyzed for but not detected.
1p Background growth too numerous to count which may inhibit coliform growth. Reported result is estimated and may be biased low.
B Results based upon colony counts outside the acceptable range.
D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
Z Too many colonies were present (TNTC); the numeric value represents the estimated colony counts from the highest dilution used in this test.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bi-Monthly SW
Pace Project No.: 35321115

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35321115001	L-8 CANAL	EPA 1664B	368270		
35321115002	130 ST CANAL	EPA 1664B	368270		
35321115003	40TH ST CANAL	EPA 1664B	368270		
35321115001	L-8 CANAL	EPA 200.7	379353	EPA 200.7	379418
35321115002	130 ST CANAL	EPA 200.7	379353	EPA 200.7	379418
35321115003	40TH ST CANAL	EPA 200.7	379756	EPA 200.7	379789
35321115001	L-8 CANAL	EPA 245.1	378763	EPA 245.1	378841
35321115002	130 ST CANAL	EPA 245.1	378763	EPA 245.1	378841
35321115003	40TH ST CANAL	EPA 245.1	378763	EPA 245.1	378841
35321115001	L-8 CANAL	SM 2540D	379412		
35321115002	130 ST CANAL	SM 2540D	379412		
35321115003	40TH ST CANAL	SM 2540D	379412		
35321115001	L-8 CANAL	SM 9222B	379929	SM 9222B	379930
35321115002	130 ST CANAL	SM 9222B	379929	SM 9222B	379930
35321115003	40TH ST CANAL	SM 9222B	379929	SM 9222B	379930
35321115001	L-8 CANAL	SM 9222D	379554	SM 9222D	379560
35321115002	130 ST CANAL	SM 9222D	379554	SM 9222D	379560
35321115003	40TH ST CANAL	SM 9222D	379554	SM 9222D	379560
35321115001	L-8 CANAL	SM 2320B	378932		
35321115002	130 ST CANAL	SM 2320B	378932		
35321115003	40TH ST CANAL	SM 2320B	378932		
35321115001	L-8 CANAL	SM10200	378303	SM10200	379496
35321115002	130 ST CANAL	SM10200	378303	SM10200	379496
35321115003	40TH ST CANAL	SM10200	378303	SM10200	379496
35321115001	L-8 CANAL	TKN+NOx Calculation	379862		
35321115002	130 ST CANAL	TKN+NOx Calculation	379862		
35321115003	40TH ST CANAL	TKN+NOx Calculation	379862		
35321115001	L-8 CANAL	EPA 351.2	379443	EPA 351.2	379622
35321115002	130 ST CANAL	EPA 351.2	379443	EPA 351.2	379622
35321115003	40TH ST CANAL	EPA 351.2	379443	EPA 351.2	379622
35321115001	L-8 CANAL	EPA 353.2	379392		
35321115002	130 ST CANAL	EPA 353.2	379392		
35321115003	40TH ST CANAL	EPA 353.2	379392		
35321115001	L-8 CANAL	EPA 365.3	379555		
35321115002	130 ST CANAL	EPA 365.3	379555		
35321115003	40TH ST CANAL	EPA 365.3	379555		
35321115001	L-8 CANAL	EPA 410.4	379852		
35321115002	130 ST CANAL	EPA 410.4	379852		
35321115003	40TH ST CANAL	EPA 410.4	379852		
35321115001	L-8 CANAL	SM 5310B	379115		
35321115002	130 ST CANAL	SM 5310B	379115		
35321115003	40TH ST CANAL	SM 5310B	379115		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bi-Monthly SW
Pace Project No.: 35321115

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
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REPORT OF LABORATORY ANALYSIS

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NO#: 35321115
35321115

...ODY / Analytical Request Document
DOCUMENT. All relevant fields must be completed accurately.

Section A

Section B

Required Client Information:
 Company: Indian Trail Improvement District
 Address: 13476 61st Street N
 West Palm Beach, FL 33412
 Email To: info@indiantrail.com
 Phone: 561-719-7239
 Fax: 561-793-9830
 Requested Due Date/TAT: Standard TOT

Required Project Information:
 Report To: Copy To:
 Project Name: BI-Monthly SW
 Project Number: 4533
 Pace Profile #: Tom Savarese

Invoice Information:
 Attention: Company Name: Indian Trail Improvement District
 Address: 13476 61st St N, WPB, FL 33412
 Pace Quote Reference:
 Pace Project Manager:

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA

SITE
 GA IL IN MI NC
 OH SC WI OTHER FL

LOCATION

Filtered (Y/N) _____
 Requested Analysis:
 Oil & Grease
 Pb, Zn, Hg
 TOC
 Alkalinity
 TSS
 COD, TP, TN
 Chlorophyll A
 Total/Fecal Coliform MF
 Residual Chlorine (Y/N)

Pace Project Number Lab ID:

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED		SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives								Oil & Grease	Pb, Zn, Hg	TOC	Alkalinity	TSS	COD, TP, TN	Chlorophyll A	Total/Fecal Coliform MF	Residual Chlorine (Y/N)	Pace Project Number Lab ID
				DATE	TIME			DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃										
1	L B C A N A L L	WT	G	09/12/10	1030		10	3	2	1	2	2	1	1	2	1	1	1	1	1	2	N			
2	1 3 0 T H S T R E E T	WT	G	09/12/10	1130		10	3	2	1	2	2	1	1	2	1	1	1	1	1	2	N			
3	4 0 T H S T R E E T	WT	G	09/12/10	1030		10	3	2	1	2	2	1	1	2	1	1	1	1	1	2	N			
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Jim Pace	09/12/10	1130	Jim Pace	09/12/10	1130	Temp in °C
						Received on Ice
						Custody Sealed Cooler
						Samples Intact

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Jim Norton
 SIGNATURE of SAMPLER: *Jim Norton*
 DATE Signed (MM/DD/YYYY): 09/12/10

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

WO# : 35321115
PM: TPS **Due Date: 07/10/17**
CLIENT: INDTRA

Date and Initials of person:
Examining contents: ABC
Label: _____
Deliver: _____
pH: _____

Thermometer Used: T-39 Date: 6/29/17 Time: 1745 Initials: AM

- | | |
|---|--|
| Cooler #1 Temp.°C <u>1.2</u> (Visual) <u>-0.3</u> (Correction Factor) <u>0.9</u> (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #2 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |

- Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
- Shipping Method: First Overnight Priority Overnight Standard Overnight Ground Other _____
- Billing: Recipient Sender Third Party Unknown

Tracking # _____

Custody Seal on Cooler Box Present: Yes No Seals intact: Yes No Ice: Wet Blue None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: 6/29/17 Shorted Time: 1745 Qty: 6

Comments:	
Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Headspace in VOA Vials? (> 6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Preservation Information:
Preservative: _____
Lot #/Trace #: _____
Date: _____ Time: _____
Initials: _____

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____