

**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
APPLICATION FOR A WATER ALLOCATION PERMIT**

VIOLATIONS ARE SUBJECT TO PENALTY PROVIDED BY 7 DEL. C. CHAPTER 60

MAIL TO:

OFFICIAL USE ONLY:

Water Supply Assessment & Protection
DNREC - DIVISION OF WATER
89 KINGS HIGHWAY
DOVER, DE 19901
(302) 739-9948
<https://dnrec.alpha.delaware.gov/>

DNREC ALLOCATION NO. _____
DRBC DOCKET NO. D- _____ - _____ CP

PLEASE TYPE OR PRINT

1. Owner Name LAUREL VILLAGE MHC
Address 484 URBING DR, SUITE 105
City DIAGNOZA BRACH State VA Zip 23452 Phone # _____
Email Address _____

2. Project Name LAUREL VILLAGE
Address 10159 PALMETTO ST, SUITE 1
City LAUREL State DE Zip 19956 Telephone # (302) 875-5931

3. Date of Application 3-12-24

4. Name, address, and telephone # of geologist (or engineer): MARCO GOODWIN

Attach a map location of all facilities (wells, streams, and pond intakes). Applications for irrigation systems needs the acreage for each facility. All applications must show, if applicable, the locations of service areas, water tanks, interconnections, and property/corporate boundaries.

5. Purpose (check): Public _____ Industrial Process _____ Industrial Cooling _____ Irrigation
_____ Commercial _____ Contaminant /Recovery Other _____

6. Facility information: (attach additional sheet(s) if needed)

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (GPM)	D. Maximum Use (GPD)	E. Acreage Total /Irrigated
PH 1	10657	70	27,000	
PH 2	73854	150	30,000	
PH 3	86549	100	40,000	
PH 4	167782	70	40,000	

8. Requested rates (MG): 137 Day 5000 Month 5 MILLION Year
Sub-Total _____ System Total _____

9. For irrigation projects only: Total tillable acreage: _____ Irrigated acreage: _____

10. What is the estimated consumptive use, as a percentage of the total withdrawal? 85%
11. Can water be transferred from facilities other than those listed in #8 (above)? NO If so, give the name and location, the use for the water, and list average daily, monthly, and yearly flows. (Interconnections with other systems should be marked on the map attached for #6).
12. Discuss the feasibility of interconnecting with other systems. (n/a to irrigation projects). NOT POSSIBLE
13. For each well listed in #8 (above), attach Completion Reports and pumping test reports as specified in the Well Permit. If these reports do not exist, attach all available information about the wells or intakes.
14. Attach the latest reports on chemical and bacteriological analyses for the water from each facility. (n/a to irrigation wells and irrigation surface-intakes).
15. Describe all treatment the withdrawn water will receive prior to use. IN 2024 PFAE TREATMENT TO BE INSTALLED
16. Describe the method of treatment for this project's wastewater. If the wastewater is discharged to surface waters or lands, attach the latest chemical and bacteriological analyses of the effluent, including temperature (DMRs), and where appropriate the disposal project study. Otherwise, name the treatment facility for this wastewater. COMMUNITY SYSTEM AND INDIVIDUAL SEPTIC
17. Are all facilities listed in #7 (above) individually metered? YES. Identify those not metered and submit a proposed schedule for meter installation.
18. For public supply projects only: what percent of individual service-connections are metered? NO If not 100%, when will it be 100%. What is the present population? 300 in five years? 310
19. Conservation Program for projects with total system water withdrawals over of 1.0 mgd. Attach the appropriate program description. (n/a to irrigation projects). YES, QUARTERLY FLYER BASED ON SEASON
- A. **Public water supply systems:** A Conservation Program for the monitoring, prevention, and repair of leakage throughout the system, provides customer information relating to water conservation and water-saving devices. DAILY MAINTENANCE CHECKS
- B. **Industrial, Commercial, and other water supply projects:** A Conservation Program that provides the investigation of conservation measures and provides the implementation of those as soon as possible. A description of leak-detection monitoring and all feasible process-modifications for minimizing both water usage and loss.
20. Drought Emergency Plan for projects with total system water withdrawal over 1.0 mgd. Attach the following plan description. (n/a to irrigation projects).
- A. Identification of all priority uses for water throughout the system or service are, priority locations, water usage restriction schedules, implementation procedures, and any alternate sources of water.

21. AFFIDAVIT

I, SMARON AKOBS, hereby affirm this application and any plans, reports, or documents submitted with this application to be true and correct to the best of my knowledge.

Signature [Signature]

Date 3-12-24

SWORN TO AND SUBSCRIBED before me the _____ day of _____ A.D., _____.

NOTARY PUBLIC

*Applications for withdrawal for agricultural/irrigation are not required to be notarized.



ENVIROCORP LABORATORIES INC.

51 CLARK STREET, HARRINGTON, DE 19952
302-398-4313
www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER



February 09, 2024

Shawn Rhodes
Laurel Village [Arcap]
10159 Palmetto Street
Laurel, DE 19956

RE: Monitoring Well

Enclosed are the results of analyses for samples received by our laboratory on 1/26/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Shelly Bloom'.

Shelly Bloom
Supervising Analyst

Table of Contents

Cover Letter	1
Samples in Report	3
Sample Results	4
Quality Assurance Results	8
Qualifiers and Definitions	10
Chain of Custody PDF	11

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap] 10159 Palmetto Street Laurel, DE 19956	Project: Monitoring Well Project Number: Reported: 02/09/2024 11:18
---	--

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received
2400828-01	MW - 1 [86226]	Ground Water	1/26/2024 14:17	01/26/24 15:45
2400828-02	MW - 1 [Duplicate]	Ground Water	1/26/2024 14:17	01/26/24 15:45
2400828-03	MW - 2 [86227]	Ground Water	1/26/2024 14:30	01/26/24 15:45
2400828-04	MW - 3 [86228]	Ground Water	1/26/2024 14:14	01/26/24 15:45

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
302-398-4313
www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]

10159 Palmetto Street

Laurel, DE 19956

Project: Monitoring Well

Project Number:

Reported: 02/09/2024 11:18

Analytical Results

Sample ID: MW - 1 [86226]

Sample Start: 01/26/24 14:17

Lab ID: 2400828-01

Matrix: Ground Water

Received: 01/26/24 15:45

Sample Type: Grab

Analyte	Result	Units	Reporting Limit	Qualifier	Method	Date Prepared	Date Analyzed	Analyst
---------	--------	-------	-----------------	-----------	--------	---------------	---------------	---------

Field

Specific Conductance, Field	53.2	umhos/cm			SM2510-B	1/26/24 14:17	1/26/24 14:17	TAS
Depth - Top of Casing, Field	2.59	ft			Field	1/26/24 14:17	1/26/24 14:17	TAS
pH	4.80	SU			EPA 150.1	1/26/24 14:17	1/26/24 14:17	TAS
Temperature, Field	12.5	°C			SM2550-B	1/26/24 14:17	1/26/24 14:17	TAS

Microbiology

Fecal Coliform	ND	#/100 mL	2		SM9222-D	1/26/24 16:07	1/27/24 12:33	HM
Total Coliform	ND	#/100 mL	2		SM9222-B	1/26/24 16:08	1/27/24 12:28	HM

Inorganic

Ammonia as N	ND	mg/L	0.05		SM4500-NH3-G	2/6/24 13:58	2/7/24 10:10	CK
Nitrate as N	1.03	mg/L	0.20		EPA 300.0	1/27/24 19:04	1/27/24 19:04	MEM
Total Kjeldahl Nitrogen	ND	mg/L	0.050		SM4500-Norg-C	2/8/24 11:38	2/8/24 13:52	CK
Total Nitrogen as N	1.03	mg/L			[CALC]	2/8/24 11:38	2/8/24 13:52	CK

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]	Project: Monitoring Well
10159 Palmetto Street	Project Number:
Laurel, DE 19956	Reported: 02/09/2024 11:18

Analytical Results

Sample ID: MW - 1 [Duplicate] **Sample Start:** 01/26/24 14:17
Lab ID: 2400828-02
Matrix: Ground Water **Received:** 01/26/24 15:45
Sample Type: Grab

Analyte	Result	Units	Reporting Limit	Qualifier	Method	Date Prepared	Date Analyzed	Analyst
---------	--------	-------	-----------------	-----------	--------	---------------	---------------	---------

Field

Specific Conductance, Field	53.2	umhos/cm			SM2510-B	1/26/24 14:17	1/26/24 14:17	TAS
Depth - Top of Casing, Field	2.59	ft			Field	1/26/24 14:17	1/26/24 14:17	TAS
pH	4.80	SU			EPA 150.1	1/26/24 14:17	1/26/24 14:17	TAS
Temperature, Field	12.5	°C			SM2550-B	1/26/24 14:17	1/26/24 14:17	TAS

Microbiology

Fecal Coliform	ND	#/100 mL	2		SM9222-D	1/26/24 16:07	1/27/24 12:33	HM
Total Coliform	ND	#/100 mL	2		SM9222-B	1/26/24 16:08	1/27/24 12:28	HM

Inorganic

Ammonia as N	ND	mg/L	0.05		SM4500-NH3-G	2/6/24 13:58	2/7/24 10:10	CK
Nitrate as N	1.03	mg/L	0.20		EPA 300.0	1/27/24 19:26	1/27/24 19:26	MEM
Total Kjeldahl Nitrogen	ND	mg/L	0.050		SM4500-Norg-C	2/8/24 11:38	2/8/24 13:52	CK
Total Nitrogen as N	1.03	mg/L			[CALC]	2/8/24 11:38	2/8/24 13:52	CK

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
302-398-4313
www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]

Project: Monitoring Well

10159 Palmetto Street

Project Number:

Laurel, DE 19956

Reported: 02/09/2024 11:18

Analytical Results

Sample ID: MW - 2 [86227]

Sample Start: 01/26/24 14:30

Lab ID: 2400828-03

Matrix: Ground Water

Received: 01/26/24 15:45

Sample Type: Grab

Analyte	Result	Units	Reporting Limit	Qualifier	Method	Date Prepared	Date Analyzed	Analyst
---------	--------	-------	-----------------	-----------	--------	---------------	---------------	---------

Field

Specific Conductance, Field	281	umhos/cm			SM2510-B	1/26/24 14:30	1/26/24 14:30	TAS
Depth - Top of Casing, Field	3.41	ft			Field	1/26/24 14:30	1/26/24 14:30	TAS
pH	4.34	SU			EPA 150.1	1/26/24 14:30	1/26/24 14:30	TAS
Temperature, Field	13.6	°C			SM2550-B	1/26/24 14:30	1/26/24 14:30	TAS

Microbiology

Fecal Coliform	ND	#/100 mL	2		SM9222-D	1/26/24 16:07	1/27/24 12:33	HM
Total Coliform	ND	#/100 mL	2		SM9222-B	1/26/24 16:08	1/27/24 12:28	HM

Inorganic

Ammonia as N	0.14	mg/L	0.05		SM4500-NH3-G	2/6/24 13:58	2/7/24 10:10	CK
Nitrate as N	10.5	mg/L	0.40		EPA 300.0	1/27/24 20:11	1/27/24 20:11	MEM
Total Kjeldahl Nitrogen	0.351	mg/L	0.050		SM4500-Norg-C	2/8/24 11:38	2/8/24 13:52	CK
Total Nitrogen as N	10.9	mg/L			[CALC]	2/8/24 11:38	2/8/24 13:52	CK

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]	Project: Monitoring Well
10159 Palmetto Street	Project Number:
Laurel, DE 19956	Reported: 02/09/2024 11:18

Analytical Results

Sample ID: MW - 3 [86228]	Sample Start: 01/26/24 14:14
Lab ID: 2400828-04	
Matrix: Ground Water	Received: 01/26/24 15:45
Sample Type: Grab	

Analyte	Result	Units	Reporting Limit	Qualifier	Method	Date Prepared	Date Analyzed	Analyst
Field								
Specific Conductance, Field	42.6	umhos/cm			SM2510-B	1/26/24 14:14	1/26/24 14:14	TAS
Depth - Top of Casing, Field	3.00	ft			Field	1/26/24 14:14	1/26/24 14:14	TAS
pH	4.76	SU			EPA 150.1	1/26/24 14:14	1/26/24 14:14	TAS
Temperature, Field	14.5	°C			SM2550-B	1/26/24 14:14	1/26/24 14:14	TAS
Microbiology								
Fecal Coliform	ND	#/100 mL	2		SM9222-D	1/26/24 16:07	1/27/24 12:33	HM
Total Coliform	ND	#/100 mL	2		SM9222-B	1/26/24 16:08	1/27/24 12:28	HM
Inorganic								
Ammonia as N	ND	mg/L	0.05		SM4500-NH3-G	2/6/24 13:58	2/7/24 10:10	CK
Nitrate as N	1.11	mg/L	0.20		EPA 300.0	1/27/24 20:34	1/27/24 20:34	MEM
Total Kjeldahl Nitrogen	ND	mg/L	0.050		SM4500-Norg-C	2/8/24 11:38	2/8/24 13:52	CK
Total Nitrogen as N	1.11	mg/L			[CALC]	2/8/24 11:38	2/8/24 13:52	CK

ENVIROCOP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap] 10159 Palmetto Street Laurel, DE 19956	Project: Monitoring Well Project Number: Reported: 02/09/2024 11:18
---	--

Quality Control

Microbiology

Analyte	Result	Qualifier	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: P4A0672 - Micro Preparation										
Blank (P4A0672-BLK1) Prepared: 1/26/2024 Analyzed: 1/27/2024										
Fecal Coliform	ND		1	#/100 mL						
Batch: P4A0674 - Micro Preparation										
Blank (P4A0674-BLK1) Prepared: 1/26/2024 Analyzed: 1/27/2024										
Total Coliform	ND		1	#/100 mL						

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorpplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]	Project: Monitoring Well
10159 Palmetto Street	Project Number:
Laurel, DE 19956	Reported: 02/09/2024 11:18

Quality Control

Inorganic

Analyte	Result	Qualifier	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: P4A0667 - IC_Water_Wet Chemistry Prep										
Matrix Spike (P4A0667-MS5)			Source: 2400828-02		Prepared & Analyzed: 1/27/2024					
Nitrate as N	3.13		0.20	mg/L	2.00	1.03	105	80-120		
Batch: P4B0092 - Nutrient Preparation										
Matrix Spike (P4B0092-MS2)			Source: 2400828-02		Prepared: 2/6/2024 Analyzed: 2/7/2024					
Ammonia as N	1.16		0.05	mg/L	1.00	0.007	116	80-120		
Batch: P4B0189 - Nutrient Preparation										
Matrix Spike (P4B0189-MS3)			Source: 2400828-02		Prepared & Analyzed: 2/8/2024					
Total Kjeldahl Nitrogen	0.564		0.050	mg/L	0.500	0.032	106	80-120		

ENVIROCORP LABORATORIES INC.



51 CLARK STREET, HARRINGTON, DE 19952
302-398-4313
www.envirocorplabs.com



ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER

Laurel Village [Arcap]	Project: Monitoring Well
10159 Palmetto Street	Project Number:
Laurel, DE 19956	Reported: 02/09/2024 11:18

Notes and Definitions

Item	Definition
Dry-WT	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
Reporting Limit	Lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.



ENVIROCORP LABORATORIES INC.
 51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com
 ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING



Chain of Custody

Client: Shawn Rhodes
 Laurel Village [Arcap]
 10159 Palmetto Street, Suite 1
 Laurel, DE 19956
Phone: 302-875-5931
Email: srhodes@arcapl.com



1-26-24

Comments:

Well #: MW - 1 [86226]

Sample #: _____

*** DUPLICATE ***

Ht. TOC above ground surface: 2.13 ft.
 Casing Intact? Yes No
 Monitoring Well cap locked? Yes No
 Casing Material: PVC Steel Other

Static DTW (TOC) 2.59 Ft.
 Total Depth (TD)(TOC)(initial) 19.42 / 20.60 (current) Ft.
 Ht. H2O Column=B-A= 20.60 - 2.59 = 18.01 Ft.
 Conversion factor from H2O column to gallons for 4"
 Vol. H2O in well=CXD= 11.3 gal.
 Vol. H2O to remove from well=
 3XE= 33.9 =gal.

EVACUATION METHOD

Pump Bailer
 If pumped -Type of Pump Submersible
 Pumping Rate 2.2 GPM
 Method of determining pumping rate _____
 If bailed - Bailer Material: PVC Teflon Other
 Volume of Bailer: _____ gallons
 Number of Bails removed? _____

Did well go dry? Yes No
 After how many gallons were removed? _____
 If well went dry, how long did it take to recover before samples were taken? _____
 Estimated depth samples were taken from= _____ Ft. BGS (TOC)

FIELD PARAMETERS:

Temperature (initial) 20.1 oC
 Temperature (stabilized) 12.5 oC
 Sp. Cond. (Initial) 49.3 umhos
 Sp. Cond. (stabilized) 53.2 umhos
 pH (Initial) 7.04 S.U.
 pH (stabilized) 4.80 S.U.

Collection Date/Time _____ 1417 am/pm
 Sampled By TMJ

Container	Qty	Analysis	Comments
None	1	COND-Field, Depth - Top of Casing, pH-Field, Temperature-Field	
Plastic - 8oz H2SO4	1	NH3, TKN, TN-IC	
Plastic - 8oz Unp	1	NO3-IC, TN-IC	
Plastic - Micro NaThiosulfate	1	FCMF, TCMF	



ENVIROCORP LABORATORIES INC.
 51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com
 ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING



Chain of Custody

Client: Shawn Rhodes
 Laurel Village [Arcap]
 10159 Palmetto Street, Suite 1
 Laurel, DE 19956
Phone: 302-875-5931
Email: srhodes@arcapic.biz

Monitoring Well

WORK ORDER #

Place Barcode Here

Comments:

1-26-24

Well #: MW - 2 [86227]

Sample #: _____

Ht. TOC above ground surface: 2.32 ft.
 Casing intact? Yes No
 Monitoring Well cap locked? Yes No
 Casing Material: PVC Steel Other

Static DTW (TOC) 3.41 Ft.
 Total Depth (TD)(TOC)(initial) 19.50 / 22.42 (current) Ft.
 Ht. H2O Column=B-A= 22.42 - 3.41 = 19.01 Ft.
 Conversion factor from H2O column to gallons for 4"
 Vol. H2O in well=CXD= 12.0 gal.
 Vol. H2O to remove from well=
 3XE= 36.0 =gal.

EVACUATION METHOD Pump Bailer
 If pumped -Type of Pump Submersable
 Pumping Rate 2.2 GPM
 Method of determining pumping rate _____
 If bailed - Bailer Material: PVC Teflon Other
 Volume of Bailer: _____ gallons
 Number of Bails removed? _____

Did well go dry? Yes No
 After how many gallons were removed? _____
 If well went dry, how long did it take to recover before samples were taken? _____
 Estimated depth samples were taken from= _____ Ft. BGS (TOC)

FIELD PARAMETERS: Temperature (initial) 15.5 oC
 Temperature (stabilized) 13.6 oC
 Sp. Cond. (initial) 50.9 umhos
 Sp. Cond. (stabilized) 281 umhos
 pH (initial) 5.03 S.U.
 pH (stabilized) 4.34 S.U.

Collection Date/Time _____ 1430 am/pm
 Sampled By TR

Container	Qty	Analysis	Comments
None	1	COND-Field, Depth - Top of Casing, pH-Field, Temperature-Field	
Plastic - 8oz H2SO4	1	NH3, TKN, TN-IC	
Plastic - 8oz Unp	1	NO3-IC, TN-IC	
Plastic - Micro NaThiosulfate	1	FCMF, TCMF	



ENVIROCORP LABORATORIES INC.
 51 CLARK STREET, HARRINGTON, DE 19952
 302-398-4313
 www.envirocorplabs.com
 ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING



Chain of Custody

Client: Shawn Rhodes
 Laurel Village [Arcap]
 10159 Palmetto Street, Suite 1
 Laurel, DE 19956
Phone: 302-875-5931
Email: srhodes@arcapl.c.biz

Monitoring Well

WORK ORDER

Place Barcode Here

Comments:

1-26-24

Well #: MW - 3 [86228]

Sample #: _____

Ht. TOC above ground surface: 2.31 ft.
 Casing Intact? Yes No
 Monitoring Well cap locked? Yes No
 Casing Material: PVC Steel Other

Static DTW (TOC) 3.00 Ft.
 Total Depth (TD)(TOC)(initial) 19.83 / 21.19 (current) Ft.
 Ht. H2O Column=B-A= 21.19 - 3.00 = 18.19 Ft.
 Conversion factor from H2O column to gallons for 4"
 Vol. H2O in well=CXD= 11.3 gal.
 Vol. H2O to remove from well=
 3XE= 33.9 =gal.

EVACUATION METHOD Pump Bailer _____
 If pumped -Type of Pump Submersable
 Pumping Rate 2.2 GPM
 Method of determining pumping rate _____
 If bailed - Bailer Material: PVC _____ Teflon _____ Other _____
 Volume of Bailer: _____ gallons
 Number of Balls removed? _____

Did well go dry? Yes _____ No
 After how many gallons were removed? _____
 If well went dry, how long did it take to recover before samples were taken? _____
 Estimated depth samples were taken from= _____ Ft. BGS (TOC)

FIELD PARAMETERS: Temperature (Initial) 16.1 oC
 Temperature (stabilized) 14.5 oC
 Sp. Cond. (initial) 38.6 umhos
 Sp. Cond. (stabilized) 42.6 umhos
 pH (initial) 4.54 S.U.
 pH (stabilized) 4.76 S.U.

Collection Date/Time 1444 04/26/24 am/pm
 Sampled By AKS

Container	Qty	Analysis	Comments
None	1	COND-Field, Depth - Top of Casing, pH-Field, Temperature-Field	
Plastic - 8oz H2SO4	1	NH3, TKN, TN-IC	
Plastic - 8oz Unp	1	NO3-IC, TN-IC	
Plastic - Micro NaThiosulfate	1	FCMF, TCMF	