

Bioassays of

Aramark Uniform Services, Inc.

Jacksonville, Duval County

NPDES #FL0178845

Sampled June 13, 2005

September 2005

Biology Section
Bureau of Laboratories
Division of Resource Assessment and Management

Quality Manual No. 870346G
NELAC Certification No. E31780

Aramark Uniform Services, Inc., 1226 East 8th Street, Jacksonville, Duval County, Florida, NPDES #FL0178845. Effluent samples for this facility were collected on June 13, 2005.

Introduction

The Aramark Uniform Services, Inc., facility is the site of a groundwater remediation system for petroleum products and dry cleaning solvents. The facility has a design flow of 0.096 million gallons per day (MGD) and a monthly average flow of 0.023 MGD (March 2004 – May 2005). Discharge from the site is intermittent, and has only occurred for two of the first five months of 2005. The average monthly flows for January and April 2005 were 0.018 MGD and 0.04 MGD, respectively. There was no discharge during February, March, or May 2005. Ground water is treated by air stripping and filtration. The purpose of filtration is to remove suspended particulate matter in order to meet the total recoverable iron standard at the point of discharge. Treated effluent is discharged through Outfall D-001 (located approximately at latitude 30º 21' 30" N, longitude 81º 38' 30 "W) to a storm drain thence to the Class III freshwaters of Deer Creek and thence to the Class III waters of the St. Johns River.

The Administrative Order (No. 61 NE) for this facility is currently inactive. The facility reported a permit violation for iron in the past year (1.17 mg/L, December 2004) (facility information provided by James Lucas of FDEP Northeast District).

Methods

Samples were collected from the EFF-01 (located after final treatment prior to discharge from D-001) NPDES sampling point by James Lucas and William Fletcher (FDEP Northeast District) following DEP-SOP-001/01 FS 2400 Wastewater Sampling. All DEP SOP's are available on the web at: http://www.floridadep.org/labs/qa/sops.htm.

The 96-hour acute screening toxicity tests and algal growth potential test were performed following internal DEP SOP's TA07_01, TA07_02, and TA08_01 through TA08_07. All internal DEP SOP's are available on the web at: http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp.

Prior to the renewal of the tests at 48 hours, the renewal sample was aerated for 15 minutes at approximately 100 bubbles per minute, to decrease the dissolved oxygen concentration from 9.2 mg/L to 8.1 mg/L.

Toxicity Test Results

Tests were performed June 14 - 17, 2005.

Ceriodaphnia dubia 96-hr acute screening bioassay –	LC_{50} > 100%, 0% mortality in 100% sample at 96 hours
Cyprinella leedsi 96-hr acute screening bioassay –	LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

The bioassay samples were not acutely toxic to the test organisms.

See Appendix 1 for bioassay bench sheets.

Algal Growth Potential

The effluent Algal Growth Potential (AGP) was 2.78 mg dry wt/L of the unicellular green alga, *Pseudokirchneriella subcapitata*, formerly known as *Selenastrum capricornutum*. Raschke and Shultz (1987) found that AGP values above 5.0 mg dry weight/L represent a "problem" threshold

for fresh receiving waters, implying nutrient enrichment. The analytical chemistry suggests that the effluent is phosphorus-limited. The predicted AGP based on inorganic phosphorus concentrations was 2.15 (±20%) mg dry wt/L (Table 1; Miller et al. 1978).

See Table 1 for AGP results.

Chemistry Results

Total residual chlorine was not detected in the bioassay sample in the laboratory. Total ammonia was detected in the bioassay sample in the laboratory at a concentration of 2.07 mg/L. The total ammonia concentration in the sample collected and preserved for chemical analysis was 2.2 mg/L. Based on the pH, salinity, and temperature of the effluent as collected, the calculated unionized ammonia concentration was 0.026 mg/L which exceeds the Class III freshwater quality criterion of ≤ 0.02 mg/L (62-302.530(3), F.A.C.).

Iron was detected in the effluent at levels that comply with its Class III fresh water quality criterion. Copper was detected between the laboratory minimum detection limit (MDL) and practical quantitation limit (PQL).

See Table 2 for results of analytes detected in the effluent, and corresponding limits.

See Appendix 2 for a complete list of chemical analyses performed.

Conclusion

The effluent sample collected from Aramark Uniform Services, Inc., on June 13, 2005, was not acutely toxic to either test species during the 96-hour bioassays. The effluent AGP result was less than the "problem" threshold for fresh receiving waters. The effluent concentration of unionized ammonia exceeded the Class III fresh water quality criterion.

Literature Cited

Miller, W. E., T. E. Maloney, and J. C. Greene. 1978. The *Selenastrum capricornutum* Printz algal assay bottle test. EPA-600/9-78-018. U. S. EPA, Cincinnati, Ohio. 126 p.

Raschke, R. L. and D. A. Schultz. 1987. The use of the algal growth potential test for data assessment. J. Wat. Poll. Cont. Fed. 59(4): 222-227.

Table 1. Measured and predicted algal growth potential (AGP: mg dry wt/L) of Psuedokirchneriella subcapitata *for orthophosphate (OP) limitation and ratios of nitrogen to phosphorus for the sample collected from Aramark Uniform Services, Inc. collected on June 13, 2005.*

Location	AGP (measured)	Predicted AGP (OP) ± 20%	Predicted AGP (TP) ± 20%	Inorganic N:P ratio	Total N:P ratio
Effluent Samples	2.78 V	2.15 ± 0.43	Not applicable*	440	Not applicable*

V - Analyte was detected in both sample and method blank

* - Total Phosphorus and Nitrate+Nitrite were not detected in the effluent, so predictions could not be made, and the total N:P ratio could not be calculated

Table 2. Effluent limits, Class III Freshwater Criteria, and chemical data for samples collected from Aramark Uniform Services, Inc., on June 13, 2005.

Aramark Uniform Services, Inc. NPDES# FL0178845	Class III FreshwaterStds	Effluent Limits	Effluent Samples
Organic Constituents (µg/L)			
Total VOCs (EPA Method 601 and 602)	-	Report	na
Metals (µg/L unless otherwise noted)			
Aluminum	-	-	5 U
Arsenic	≤ 50	-	4 U
Cadmium	≤ 2.4 b	-	0.25 U
Calcium (mg/L)	-	-	76 A
Chromium-III	≤ 187.1 b	-	2 U
Copper	≤ 20.9 b	-	0.68 I
Iron	≤ 1000	≤ 1000 s	205 A
Lead	≤ 10.6 b	-	0.1 U
Magnesium (mg/L)	-	-	16.5 A
Nickel	≤ 116.2 b	-	2 U
Selenium	≤ 5	-	2.5 U
Silver	≤ 0.07	-	0.025 U
Zinc	≤ 267.2 b	-	3 U
Nutrients (mg/L)			
Ortho-phosphate	-	-	0.005 I
Total Phosphorus	-	-	0.02 U
Ammonia	-	-	2.2
Unionized Ammonia	≤ 0.02	-	0.026 c
Nitrate+Nitrite	-	-	0.004 U
Total Kjeldahl Nitrogen	-	-	2.5
Organic Nitrogen	-	-	0.3 c
Total Nitrogen	-	Report	2.5 c
General Physical and Chemical Parameters			
Dissolved Oxygen (mg/L)	≥ 5	-	8.6
pH (S.U.)	6.0-8.5 s	6.0-8.5 s	7.2
Conductivity (umhos/cm)	≤ 1275	-	670
Temperature (C)	-	-	24.7
Flow (MADF in MGD)	-	≤ 0.096	-
Hardness (mg/L)	-	-	257.7 c

Value exceeds the Class III Fresh Water Quality Criteria (62-302, F.A.C.) and/or Effluent Limits

b - Value is calculated based on hardness

c - calculated value

s - Single sample

A - Value reported is the mean of two or more determinations

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U - Material analyzed for but not detected; value reported is the minimum detection limit

na - an analysis was not performed for this analyte

FDEP Biology Section - Acute
Bioassay Bench Sheets

Facility: Aramark Uniform Services, Inc.
Address: 1226 East 8th Street
City: Jacksonville **County:** Duval
Contact/District: Melissa Long / Northeast
NPDES Permit #: FL 0178845
LIMS Job #: TLH-2005-06-1446 **LIMS Sample #:** 841971

Sample Collection: Date: 6-13-05 Time: 1115
Hold time Start: Date: 6-13-05 Time: 1115

Comments:
(A) DO of sample used for 48hr renewal was 9.2 and was bubbled (aerated) for 15 minutes at approx. 100 bubbles per minute to yield a final DO of 8.1 mg/L

Lims Data Entry: 6-24-05 MS
Data Entry Verification: 6-24-05 SP

Instructions (for below): Circle appropriate wording. If yes is circled complete blanks.

Test Type: (Screening)/Definitive
Static /(Static Renewal)/ Flow-through
Test Duration: 48 (96) Hours.
Light Intensity : 50 - 100 ft. candles.
Photoperiod : 16 hours light 8 hours dark.
Initial sample handling:

Test 1 validation:
Control survival ≥90%: (Yes) No
Temperature Range ≤3°C: (Yes) No

Test 2 validation:
Control survival ≥90%: (Yes) No
Temperature Range ≤3°C: (Yes) No

PH adjustment : yes (no) Initial pH NaOH N HCl N Drops mL Final pH
Aeration : yes (no) (A) Initial DO: mg/L Final DO: mg/L Duration: minutes Rate: ~ bubbles/min
Salinity adjusted (Test 1): yes (no) Initial Salinity: Final Salinity: Salts Hypersaline brine
Salinity adjusted (Test 2): yes (no) Initial Salinity: Final Salinity: Salts Hypersaline brine
Dechlorination: yes (no) mL of 0.025N Sodium Thiosulfate per liter of sample. Final TRC

Temperature Range °C
Incubator # 3 Range 23.6 - 24.4
Room B246: 23.7 - 24.3
Waterbath: N/A

Sample Validation:
Temperature: Shipped ≤6°C (Yes) No Hand Delivered: Cooling (received °C < collected °C) Yes No
Holding Time: ≤36 Hours (Yes) No (Composite-end of collection; grab-when collected; 4 in 24 - time last sample collected)

Investigators' Signatures
Sarah Pritchard
Dawn Nicholson
Erin Lund
James David
Marshall Sandusky
Nicole Wetherington
REVIEWER

Water Quality Parameters	20% DMW	Well Water	Salt Water ASW NSW Test 1	Salt Water ASW NSW Test 2	Moderately Hard Water	Original Sample	Method	Measured by	Verified by
Field Total Residual Cl2 (mg/L):	N/A	N/A	N/A	N/A	N/A	not measured		-	SP
Lab Total Residual Cl2 (mg/L):	<0.03	<0.03				<0.03	HACH	EW/SP	DN
Alkalinity (mg/L as $CaCO_3$):	79	139				177	HACH	EW	DN
Hardness (mg/L as $CaCO_3$):	91	138				252	HACH	EW	DN
Total Ammonia (mg/L as N):	<0.017	<0.017				2.07	DENVER	DN	SP
Salinity (ppth):	<1	<1				<1	YSI Mettler	SP	DN

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Appendix 1. Bench Sheets (continued)

FDEP Biology Section - - Bioassay Bench Sheet
Survival

LIMS Sample #: 841971 Test #: 1 Test Started: Date 6-14-05 Time: 1345
Organism: C. dubia Test Ended: Date 6-17-05 Time: 1325
Organism Batch: 20-05 Diluent/ Batch: DMW / 18-05
Organism Age: <24 hr Food: YCT *P. subcapitata* *Artemia*
Chamber Size 30 mL Batch: ~~2-05~~ ~~3-05~~ 8P 1-05
Test Volume 20 mL Feeding: Prior to test - Prior to renewal - Daily

Concentration	Replicate	Chamber #	Test Hour 0 hr	24 hr	48 hr BR	48 hr AR	72 hr	96 hr
CTRL	A	A	5	5	5	5	5	5
	B	B	5	5	5	5	5	5
	C	C	5	5	5	5	5	5
	D	D	5	5	5	5	5	5
100%	A	A	5	5	5	5	5	5
	B	B	5	5	5	5	5	5
	C	C	5	5	5	5	5	5
	D	D	5	5	5	5	5	5
Organisms loaded by: DN	Checked by: [redacted]		DN	DN	DN	DN	DN	

Loading verified at 0 hours by: JD (initials)

Comments:

m = missing d = dead BR = before renewal AR = after renewal

Test Results:
% mortality in 100% sample 0
LC_{50}: >100 If Calculated: 95% CI _____ Method: _____

Screening Tests: Report LC50 as >100%, =100%, or <100%.
Substitue highest test concentration used if other than 100% (example: Ocean outfall tested at 30% concentration).

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Appendix 1. Bench Sheets (continued)

FDEP Biology Section - - Bioassay Bench Sheef
Survival

LIMS Sample #: 841971 Test #: 2 Test Started: Date 6-14-05 Time: 1430
Organism: C. leedsi Test Ended: Date 6-17-05 Time: 1320
Organism Batch: 16-05 Diluent/ Batch: well / NA
Organism Age: 14 days Food: YCT *P. subcapitata* *Artemia* 351338425GR
Chamber Size 1000 mL Batch: ___ ___
Test Volume 500 mL Feeding: Prior to test Prior to renewal - Daily

Concentration	Replicate	Chamber #	Test Hour 0 hr	24 hr	48 hr BR	48 hr AR	72 hr	96 hr
CTRL	A	E1	5	5	5	5	5	5
	B	E2	5	5	5	5	5	5
	C	E3	5	5	5	5	5	5
	D	E4	5	5	5	5	5	5
100%	A	E5	5	5	5	5	5	5
	B	E6	5	5	5	5	5	5
	C	E7	5	5	5	5	5	5
	D	E8	5	5	5	5	5	5
	A							
	B							
	C							
	D							
	A							
	B							
	C							
	D							
	A							
	B							
	C							
	D							
	A							
	B							
	C							
	D							
Organisms loaded by: JB		Checked by:		BP	DN	DN	DN	DN
Loading verified at 0 hours by: BP		(initials)						

Comments:

m = missing d = dead BR = before renewal AR = after renewal
Test Results:
% mortality in 100% sample 0
LC_{50}: >100 If Calculated: 95% CI ___ Method: ___
Screening Tests: Report LC50 as >100%, =100%, or <100%.
Substitue highest test concentration used if other than 100% (example: Ocean outfall tested at 30% concentration).

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Appendix 1. Bench Sheets (continued)

Bioassay Parameters

LIMS Sample #: 841971 Test #: 1 of 2

TEST SOP: TA07_01 Test Species: *Ceriodaphnia dubia* *Cyprinella leedsi* *Pimephales promelas*
Americamysis bahia *Menidia beryllina* Other:

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Concentration CTRL	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A		B	B		C
pH (S.U.)	8.0		8.1	8.0		8.3
Temperature °C	24.4		25.0	25.8		24.1
Dissolved Oxygen mg/L	7.9		8.0	7.9		7.9
Conductivity ~~µmhos~~ mmhos	1721		209	168		230
(initials) Measured by:	SP		SP	SP		DN
(initials) Recorded by:	SP		SP	SP		DN

Comments:

Concentration 100%	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A		B	B		C
pH (S.U.)	7.9		8.5	8.2		8.6
Temperature °C	24.7		24.6	25.2		24.2
Dissolved Oxygen mg/L	7.8		8.1	8.0		8.2
Conductivity ~~µmhos~~ mmhos	677		732	637		700
(initials) Measured by:	SP		SP	SP		DN
(initials) Recorded by:	SP		SP	SP		DN

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	~~72 Hr.~~	~~96 Hr.~~
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	~~72 Hr.~~	~~96 Hr.~~
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

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Bioassay Parameters

LIMS Sample # : 841971 **Test # :** 2 **of** 2

TEST SOP: TA07 02 **Test Species:** *Ceriodaphnia dubia* (*Cyprinella leedsi*) *Pimephales promelas* *Americamysis bahia* *Menidia beryllina* Other:_____

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Concentration CTRL	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A	B	C	C	D	A
pH (S.U.)	7.9	8.2	8.4	7.9	8.0	8.3
Temperature °C	25.6	24.0	24.1	24.4	24.3	24.0
Dissolved Oxygen mg/L	7.7	7.7	7.7	7.7	7.0	7.7
Conductivity (µmhos) mmhos	265	289	295	280	280	280
(initials) Measured by:	SP	SP	JD	JD	DN	DN
(initials) Recorded by:	SP	SP	JD	JD	DN	DN

Comments:

Concentration 100%	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A	B	C	C	D	A
pH (S.U.)	7.9	8.3	8.4	7.9	8.1	8.4
Temperature °C	25.7	24.0	24.0	24.9	24.0	24.0
Dissolved Oxygen mg/L	7.7	7.7	7.5	8.9	7.0	7.8
Conductivity (µmhos) mmhos	677	690	700	670	690	675
(initials) Measured by:	SP	SP	JD	JD	DN	DN
(initials) Recorded by:	SP	SP	JD	JD	DN	DN

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

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Appendix 2. Chemical Analyses performed on the effluent from the Aramark Uniform Services, Inc., Sample Point EFF-01, sampled on June 13, 2005.

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 11:00	ARAMARK	Bio-AGP/LimNut	Algal Growth Potential	2.78	mg DryWt/L	V	0.3	0.9
6/13/2005 11:00	ARAMARK	Bio-Chl-a	Chlorophyll-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
6/13/2005 11:00	ARAMARK	Bio-Chl-a	Phaeophytin-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
6/13/2005 11:00	ARAMARK	Bio-Toxicology	Bioassay-Acute-Screen-FW-C.dubia, LC50	100	LC50	L		
6/13/2005 11:00	ARAMARK	Bio-Toxicology	Bioassay-Acute-Screen-FW-Fish, LC50	100	LC50	L		
6/13/2005 11:00	ARAMARK	BNA-Water	1,2,4-Trichlorobenzene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	1,2-Dichlorobenzene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	1,3-Dichlorobenzene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	1,4-Dichlorobenzene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2,4,6-Trichlorophenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2,4-Dichlorophenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2,4-Dimethylphenol	50	ug/L	U	50	200
6/13/2005 11:00	ARAMARK	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	60
6/13/2005 11:00	ARAMARK	BNA-Water	2,4-Dinitrotoluene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2,6-Dinitrotoluene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2-Chloronaphthalene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2-Chlorophenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	2-Methyl-4,6-dinitrophenol	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	2-Nitrophenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	3,3'-Dichlorobenzidine	40	ug/L	U	40	160
6/13/2005 11:00	ARAMARK	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	4,4'-DDT	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	4-Bromophenyl phenyl ether	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	4-Chloro-3-methylphenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	4-Chlorophenyl phenyl ether	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	BNA-Water	4-Nitrophenol	15	ug/L	U	15	60
6/13/2005 11:00	ARAMARK	BNA-Water	Acenaphthene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Acenaphthylene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Aldrin	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Anthracene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Benzidine	100	ug/L	UJ	100	400
6/13/2005 11:00	ARAMARK	BNA-Water	Benzo(a)anthracene	1	ug/L	U	1	4

Appendix 2. Chemical Analyses (continued)

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 11:00	ARAMARK	BNA-Water	Benzo(a)pyrene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Benzo(b)fluoranthene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Benzo(g,h,i)perylene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Benzo(k)fluoranthene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Bis(2-chloroethoxy)methane	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Bis(2-chloroethyl)ether	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Bis(2-chloroisopropyl)ether	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	60
6/13/2005 11:00	ARAMARK	BNA-Water	Butyl benzyl phthalate	5	ug/L	U	5	20
6/13/2005 11:00	ARAMARK	BNA-Water	Chrysene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Dibenzo(a,h)anthracene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Diethyl phthalate	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Dimethyl phthalate	50	ug/L	U	50	200
6/13/2005 11:00	ARAMARK	BNA-Water	Di-n-butyl phthalate	5	ug/L	U	5	20
6/13/2005 11:00	ARAMARK	BNA-Water	Di-n-octyl phthalate	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Endosulfan I	4	ug/L	U	4	16
6/13/2005 11:00	ARAMARK	BNA-Water	Endosulfan II	4	ug/L	U	4	16
6/13/2005 11:00	ARAMARK	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Endrin	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Endrin aldehyde	4	ug/L	U	4	16
6/13/2005 11:00	ARAMARK	BNA-Water	Fluoranthene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Fluorene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	6
6/13/2005 11:00	ARAMARK	BNA-Water	Hexachlorobenzene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Hexachlorobutadiene	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Hexachlorocyclopentadiene	3	ug/L	UJ	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Hexachloroethane	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Indeno(1,2,3-cd)pyrene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Isophorone	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Naphthalene	1	ug/L	U	1	4

Appendix 2. Chemical Analyses (continued)

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 11:00	ARAMARK	BNA-Water	Nitrobenzene	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	BNA-Water	N-Nitrosodimethylamine	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	BNA-Water	N-Nitrosodi-n-propylamine	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	BNA-Water	N-Nitrosodiphenylamine	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Pentachlorophenol	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	BNA-Water	Phenanthrene	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Phenol	1	ug/L	U	1	4
6/13/2005 11:00	ARAMARK	BNA-Water	Pyrene	1	ug/L	U	1	4
6/13/2005 8:55	BLANK	BNA-Water	1,2,4-Trichlorobenzene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	1,2-Dichlorobenzene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	1,3-Dichlorobenzene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	1,4-Dichlorobenzene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2,4,6-Trichlorophenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2,4-Dichlorophenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2,4-Dimethylphenol	57	ug/L	U	57	230
6/13/2005 8:55	BLANK	BNA-Water	2,4-Dinitrophenol	17	ug/L	U	17	68
6/13/2005 8:55	BLANK	BNA-Water	2,4-Dinitrotoluene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2,6-Dinitrotoluene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2-Chloronaphthalene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2-Chlorophenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	2-Methyl-4,6-dinitrophenol	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	2-Nitrophenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	3,3'-Dichlorobenzidine	45	ug/L	U	45	180
6/13/2005 8:55	BLANK	BNA-Water	4,4'-DDD	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	4,4'-DDE	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	4,4'-DDT	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	4-Bromophenyl phenyl ether	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	4-Chloro-3-methylphenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	4-Chlorophenyl phenyl ether	2.3	ug/L	U	2.3	9.1
6/13/2005 8:55	BLANK	BNA-Water	4-Nitrophenol	17	ug/L	U	17	68
6/13/2005 8:55	BLANK	BNA-Water	Acenaphthene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Acenaphthylene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Aldrin	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	alpha-BHC	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Anthracene	1.1	ug/L	U	1.1	4.5

Appendix 2. Chemical Analyses (continued)

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 8:55	BLANK	BNA-Water	Benzidine	110	ug/L	UJ	110	450
6/13/2005 8:55	BLANK	BNA-Water	Benzo(a)anthracene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Benzo(a)pyrene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Benzo(b)fluoranthene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Benzo(g,h,i)perylene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Benzo(k)fluoranthene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	beta-BHC	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Bis(2-chloroethoxy)methane	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Bis(2-chloroethyl)ether	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Bis(2-chloroisopropyl)ether	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Bis(2-ethylhexyl)phthalate	17	ug/L	U	17	68
6/13/2005 8:55	BLANK	BNA-Water	Butyl benzyl phthalate	5.7	ug/L	U	5.7	23
6/13/2005 8:55	BLANK	BNA-Water	Chrysene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	delta-BHC	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Dibenzo(a,h)anthracene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Dieldrin	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Diethyl phthalate	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Dimethyl phthalate	57	ug/L	U	57	230
6/13/2005 8:55	BLANK	BNA-Water	Di-n-butyl phthalate	5.7	ug/L	U	5.7	23
6/13/2005 8:55	BLANK	BNA-Water	Di-n-octyl phthalate	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Endosulfan I	4.5	ug/L	U	4.5	18
6/13/2005 8:55	BLANK	BNA-Water	Endosulfan II	4.5	ug/L	U	4.5	18
6/13/2005 8:55	BLANK	BNA-Water	Endosulfan sulfate	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Endrin	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Endrin aldehyde	4.5	ug/L	U	4.5	18
6/13/2005 8:55	BLANK	BNA-Water	Fluoranthene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Fluorene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	gamma-BHC	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Heptachlor	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Heptachlor epoxide	1.7	ug/L	U	1.7	6.8
6/13/2005 8:55	BLANK	BNA-Water	Hexachlorobenzene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Hexachlorobutadiene	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Hexachlorocyclopentadiene	3.4	ug/L	UJ	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Hexachloroethane	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Indeno(1,2,3-cd)pyrene	1.1	ug/L	U	1.1	4.5

Appendix 2. Chemical Analyses (continued)

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 8:55	BLANK	BNA-Water	Isophorone	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Naphthalene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Nitrobenzene	2.3	ug/L	U	2.3	9.1
6/13/2005 8:55	BLANK	BNA-Water	N-Nitrosodimethylamine	2.3	ug/L	U	2.3	9.1
6/13/2005 8:55	BLANK	BNA-Water	N-Nitrosodi-n-propylamine	2.3	ug/L	U	2.3	9.1
6/13/2005 8:55	BLANK	BNA-Water	N-Nitrosodiphenylamine	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Pentachlorophenol	3.4	ug/L	U	3.4	14
6/13/2005 8:55	BLANK	BNA-Water	Phenanthrene	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Phenol	1.1	ug/L	U	1.1	4.5
6/13/2005 8:55	BLANK	BNA-Water	Pyrene	1.1	ug/L	U	1.1	4.5
6/13/2005 11:00	ARAMARK	GC-Water	Alachlor	0.6	ug/L	U	0.6	2.4
6/13/2005 11:00	ARAMARK	GC-Water	Ametryn	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Atrazine	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Azinphos Methyl	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Bromacil	0.2	ug/L	U	0.2	0.8
6/13/2005 11:00	ARAMARK	GC-Water	Butylate	0.2	ug/L	U	0.2	0.8
6/13/2005 11:00	ARAMARK	GC-Water	Chlorpyrifos Ethyl	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Chlorpyrifos Methyl	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Diazinon	0.05	ug/L	UJ	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Ethion	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Ethoprop	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Fenamiphos	0.2	ug/L	U	0.2	0.8
6/13/2005 11:00	ARAMARK	GC-Water	Fonofos	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Hexazinone	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Malathion	0.15	ug/L	UJ	0.15	0.6
6/13/2005 11:00	ARAMARK	GC-Water	Metalaxyl	0.25	ug/L	U	0.25	1
6/13/2005 11:00	ARAMARK	GC-Water	Metolachlor	0.5	ug/L	U	0.5	2
6/13/2005 11:00	ARAMARK	GC-Water	Metribuzin	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Mevinphos	0.2	ug/L	U	0.2	0.8
6/13/2005 11:00	ARAMARK	GC-Water	Naled	0.8	ug/L	U	0.8	3.2
6/13/2005 11:00	ARAMARK	GC-Water	Norflurazon	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.6
6/13/2005 11:00	ARAMARK	GC-Water	Parathion Methyl	0.1	ug/L	U	0.1	0.4
6/13/2005 11:00	ARAMARK	GC-Water	Phorate	0.05	ug/L	U	0.05	0.2
6/13/2005 11:00	ARAMARK	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.6

Appendix 2. Chemical Analyses (continued)

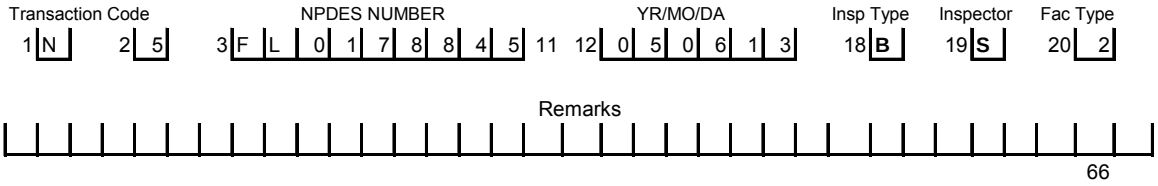
Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 11:00	ARAMARK	GC-Water	Simazine	0.05	ug/L	U	0.05	0.2
6/13/2005 8:55	BLANK	GC-Water	Alachlor	0.58	ug/L	U	0.58	2.3
6/13/2005 8:55	BLANK	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Atrazine	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
6/13/2005 8:55	BLANK	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
6/13/2005 8:55	BLANK	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Chlorpyrifos Methyl	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Diazinon	0.048	ug/L	UJ	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Ethion	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Ethoprop	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
6/13/2005 8:55	BLANK	GC-Water	Fonofos	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Hexazinone	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Malathion	0.14	ug/L	UJ	0.14	0.56
6/13/2005 8:55	BLANK	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
6/13/2005 8:55	BLANK	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.9
6/13/2005 8:55	BLANK	GC-Water	Metribuzin	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
6/13/2005 8:55	BLANK	GC-Water	Naled	0.77	ug/L	U	0.77	3.1
6/13/2005 8:55	BLANK	GC-Water	Norflurazon	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
6/13/2005 8:55	BLANK	GC-Water	Parathion Methyl	0.096	ug/L	U	0.096	0.38
6/13/2005 8:55	BLANK	GC-Water	Phorate	0.048	ug/L	U	0.048	0.19
6/13/2005 8:55	BLANK	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
6/13/2005 8:55	BLANK	GC-Water	Simazine	0.048	ug/L	U	0.048	0.19
6/13/2005 11:00	ARAMARK	Metals-Water	Aluminum	5	ug/L	U	5	20
6/13/2005 11:00	ARAMARK	Metals-Water	Arsenic	4	ug/L	U	4	16
6/13/2005 11:00	ARAMARK	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
6/13/2005 11:00	ARAMARK	Metals-Water	Calcium	76	mg/L	A	0.05	0.2
6/13/2005 11:00	ARAMARK	Metals-Water	Chromium	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	Metals-Water	Copper	0.68	ug/L	I	0.5	2
6/13/2005 11:00	ARAMARK	Metals-Water	Iron	205	ug/L	A	10	40
6/13/2005 11:00	ARAMARK	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4

Appendix 2. Chemical Analyses (continued)

Date Sampled	Field ID	Analysis	Component	Result	Units	Remark	MDL	PQL
6/13/2005 11:00	ARAMARK	Metals-Water	Magnesium	16.5	mg/L	A	0.01	0.04
6/13/2005 11:00	ARAMARK	Metals-Water	Nickel	2	ug/L	U	2	8
6/13/2005 11:00	ARAMARK	Metals-Water	Selenium	2.5	ug/L	U	2.5	10
6/13/2005 11:00	ARAMARK	Metals-Water	Silver	0.025	ug/L	U	0.025	0.1
6/13/2005 11:00	ARAMARK	Metals-Water	Zinc	3	ug/L	U	3	12
6/13/2005 8:55	BLANK	Metals-Water	Aluminum	5	ug/L	U	5	20
6/13/2005 8:55	BLANK	Metals-Water	Arsenic	4	ug/L	U	4	16
6/13/2005 8:55	BLANK	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
6/13/2005 8:55	BLANK	Metals-Water	Calcium	0.05	mg/L	U	0.05	0.2
6/13/2005 8:55	BLANK	Metals-Water	Chromium	2	ug/L	U	2	8
6/13/2005 8:55	BLANK	Metals-Water	Copper	0.5	ug/L	U	0.5	2
6/13/2005 8:55	BLANK	Metals-Water	Iron	10	ug/L	U	10	40
6/13/2005 8:55	BLANK	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4
6/13/2005 8:55	BLANK	Metals-Water	Magnesium	0.01	mg/L	U	0.01	0.04
6/13/2005 8:55	BLANK	Metals-Water	Nickel	2	ug/L	U	2	8
6/13/2005 8:55	BLANK	Metals-Water	Selenium	0.5	ug/L	U	0.5	2
6/13/2005 8:55	BLANK	Metals-Water	Silver	0.025	ug/L	U	0.025	0.1
6/13/2005 8:55	BLANK	Metals-Water	Zinc	3	ug/L	U	3	12
6/13/2005 11:00	ARAMARK	Nutrients-Liquid	Ammonia-N	2.2	mg N/L		0.2	0.4
6/13/2005 11:00	ARAMARK	Nutrients-Liquid	Kjeldahl Nitrogen	2.5	mg N/L		0.06	0.2
6/13/2005 11:00	ARAMARK	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
6/13/2005 11:00	ARAMARK	Nutrients-Liquid	O-Phosphate-P	0.005	mg P/L	I	0.004	0.01
6/13/2005 11:00	ARAMARK	Nutrients-Liquid	Total-P	0.02	mg P/L	U	0.02	0.06
6/13/2005 8:55	BLANK	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
6/13/2005 8:55	BLANK	Nutrients-Liquid	Kjeldahl Nitrogen	0.06	mg N/L	U	0.06	0.2
6/13/2005 8:55	BLANK	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
6/13/2005 8:55	BLANK	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
6/13/2005 8:55	BLANK	Nutrients-Liquid	Total-P	0.02	mg P/L	U	0.02	0.06

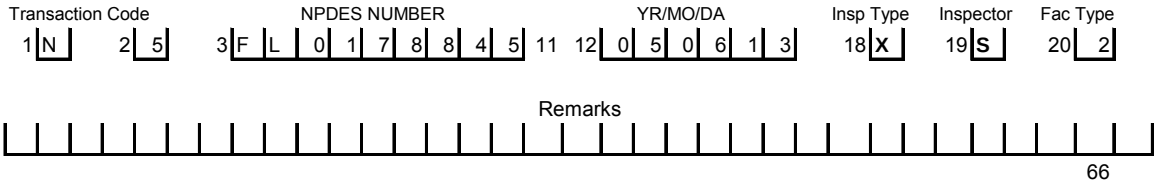
The Bioassay of Aramark Uniform Services, Inc., effluent sampled on June 13, 2005. NPDES #FL0178845.

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)



The Priority Pollutants Analysis of Aramark Uniform Services, Inc., effluent sampled on June 13, 2005. NPDES #FL0178845.

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)



Biological Analyses of Aramark Uniform Services, Inc., effluent sampled on June 13, 2005. NPDES #FL0178845.

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)

