



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 343299

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1094088		1094089		1094090		1094091		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0061	0.002	0.0061	0.002	0.0064	0.002	0.0067	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1094092		1094093		1094094		1094095		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0069	0.002	0.0065	0.002	0.0054	0.002	0.0036	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1094096		1094097		1094098		1094099		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0083	0.002	0.0078	0.002	0.0092	0.002	0.0078	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1094100		1094101		1094102		1094103		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0076	0.002	0.0086	0.002	0.01	0.002	0.0034	0.002	mg/L

Sample Description	DH9		
Lab ID	1094104		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.006	0.002	mg/L



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LEGEND

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MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

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QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



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Aqua-Cage Fisheries

Work Order Number: 343299

QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.0034	0.006	20180515.A23.2B

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.19	0.24	20180515.A23.2B

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0459	0.06	20180515.A23.2B

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	87.5	125	20180515.A23.2B



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Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1094096	TP Water (A23.2)	20180515.A23.2B	
DH2	1094097	TP Water (A23.2)	20180515.A23.2B	
DH3	1094098	TP Water (A23.2)	20180515.A23.2B	
DH4	1094099	TP Water (A23.2)	20180515.A23.2B	
DH5	1094100	TP Water (A23.2)	20180515.A23.2B	
DH6	1094101	TP Water (A23.2)	20180515.A23.2B	
DH7	1094102	TP Water (A23.2)	20180515.A23.2B	
DH8	1094103	TP Water (A23.2)	20180515.A23.2B	
DH9	1094104	TP Water (A23.2)	20180515.A23.2B	
PS1	1094088	TP Water (A23.2)	20180515.A23.2B	
PS2	1094089	TP Water (A23.2)	20180515.A23.2B	
PS3	1094090	TP Water (A23.2)	20180515.A23.2B	
PS4	1094091	TP Water (A23.2)	20180515.A23.2B	
PS5	1094092	TP Water (A23.2)	20180515.A23.2B	
PS6	1094093	TP Water (A23.2)	20180515.A23.2B	
PS7	1094094	TP Water (A23.2)	20180515.A23.2B	
PS8	1094095	TP Water (A23.2)	20180515.A23.2B	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 343301

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1094105		1094106		1094107		1094108		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0066	0.002	0.0073	0.002	0.0061	0.002	0.0073	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1094109		1094110		1094111		1094112		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0083	0.002	0.012 [0.012]	0.002	0.011	0.002	0.0072	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1094113		1094114		1094115		1094116		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.012	0.002	0.011	0.002	0.011	0.002	0.012	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1094117		1094118		1094119		1094120		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.011	0.002	0.011	0.002	0.011	0.002	0.0091	0.002	mg/L

Sample Description	DH9		
Lab ID	1094121		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.0086	0.002	mg/L



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MDL: Method detection limit or minimum reporting limit.

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Quality Control: All associated Quality Control data is available on request.

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Work Order Number: 343301

QUALITY CONTROL DATA

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General Chemistry

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.0034	0.006	20180515.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0	0.0035	0.006	20180514.A23.2A

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.19	0.24	20180515.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0.16	0.203	0.24	20180514.A23.2A

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0459	0.06	20180515.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0538	0.06	20180514.A23.2A

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	108	125	20180514.A23.2A
Total Phosphorus (as P)	N/A	% Rec	75	87.5	125	20180515.A23.2B



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Aqua-Cage Fisheries

Work Order Number: 343301

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Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1094113	TP Water (A23.2)	20180514.A23.2A	
DH2	1094114	TP Water (A23.2)	20180514.A23.2A	
DH3	1094115	TP Water (A23.2)	20180514.A23.2A	
DH4	1094116	TP Water (A23.2)	20180514.A23.2A	
DH5	1094117	TP Water (A23.2)	20180514.A23.2A	
DH6	1094118	TP Water (A23.2)	20180514.A23.2A	
DH7	1094119	TP Water (A23.2)	20180514.A23.2A	
DH8	1094120	TP Water (A23.2)	20180514.A23.2A	
DH9	1094121	TP Water (A23.2)	20180514.A23.2A	
PS1	1094105	TP Water (A23.2)	20180515.A23.2B	
PS2	1094106	TP Water (A23.2)	20180515.A23.2B	
PS3	1094107	TP Water (A23.2)	20180515.A23.2B	
PS4	1094108	TP Water (A23.2)	20180515.A23.2B	
PS5	1094109	TP Water (A23.2)	20180515.A23.2B	
PS6	1094110	TP Water (A23.2)	20180514.A23.2A	
PS6	1094110r	TP Water (A23.2)	20180514.A23.2A	
PS7	1094111	TP Water (A23.2)	20180514.A23.2A	
PS8	1094112	TP Water (A23.2)	20180514.A23.2A	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 343910

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1096363		1096364		1096365		1096366		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0057	0.002	0.0058	0.002	0.0073	0.002	0.0055	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1096367		1096368		1096369		1096370		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0055	0.002	0.0065	0.002	0.0043	0.002	0.0028	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1096371		1096372		1096373		1096374		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0083	0.002	0.0061	0.002	0.0076	0.002	0.0068	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1096375		1096376		1096377		1096378		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0062	0.002	0.0068	0.002	0.0085	0.002	0.0027	0.002	mg/L

Sample Description	DH9		
Lab ID	1096379		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.0033	0.002	mg/L



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Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

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QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



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Aqua-Cage Fisheries

Work Order Number: 343910

QUALITY CONTROL DATA

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QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.0024	0.006	20180519.A23.2B

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.175	0.24	20180519.A23.2B

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0503	0.06	20180519.A23.2B

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	99	125	20180519.A23.2B



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Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1096371	TP Water (A23.2)	20180519.A23.2B	
DH2	1096372	TP Water (A23.2)	20180519.A23.2B	
DH3	1096373	TP Water (A23.2)	20180519.A23.2B	
DH4	1096374	TP Water (A23.2)	20180519.A23.2B	
DH5	1096375	TP Water (A23.2)	20180519.A23.2B	
DH6	1096376	TP Water (A23.2)	20180519.A23.2B	
DH7	1096377	TP Water (A23.2)	20180519.A23.2B	
DH8	1096378	TP Water (A23.2)	20180519.A23.2B	
DH9	1096379	TP Water (A23.2)	20180519.A23.2B	
PS1	1096363	TP Water (A23.2)	20180519.A23.2B	
PS2	1096364	TP Water (A23.2)	20180519.A23.2B	
PS3	1096365	TP Water (A23.2)	20180519.A23.2B	
PS4	1096366	TP Water (A23.2)	20180519.A23.2B	
PS5	1096367	TP Water (A23.2)	20180519.A23.2B	
PS6	1096368	TP Water (A23.2)	20180519.A23.2B	
PS7	1096369	TP Water (A23.2)	20180519.A23.2B	
PS8	1096370	TP Water (A23.2)	20180519.A23.2B	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 344654

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1099292		1099293		1099294		1099295		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0037	0.002	<0.002	0.002	0.0021	0.002	<0.002	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1099296		1099297		1099298		1099299		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0022	0.002	0.0021	0.002	<0.002	0.002	0.0082	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1099300		1099301		1099302		1099303		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0099	0.002	0.012	0.002	0.011	0.002	0.0094	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1099304		1099305		1099306		1099307		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.014 [0.018]	0.002	0.005	0.002	0.0065	0.002	0.0025	0.002	mg/L

Sample Description	DH9		
Lab ID	1099308		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.0051	0.002	mg/L



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Aqua-Cage Fisheries

Work Order Number: 344654

QUALITY CONTROL DATA

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QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.0024	0.006	20180528.A23.2E
Total Phosphorus (as P)	0.002	mg/L	0	0.0053	0.006	20180530.A23.2D

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.174	0.24	20180530.A23.2D
Total Phosphorus (as P)	0.002	mg/L	0.16	0.175	0.24	20180528.A23.2E

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.045	0.06	20180528.A23.2E
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0455	0.06	20180530.A23.2D

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	91	125	20180528.A23.2E
Total Phosphorus (as P)	N/A	% Rec	75	95	125	20180530.A23.2D



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Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1099300	TP Water (A23.2)	20180528.A23.2E	
DH2	1099301	TP Water (A23.2)	20180528.A23.2E	
DH3	1099302	TP Water (A23.2)	20180528.A23.2E	
DH4	1099303	TP Water (A23.2)	20180528.A23.2E	
DH5	1099304	TP Water (A23.2)	20180530.A23.2D	
DH5	1099304r	TP Water (A23.2)	20180530.A23.2D	
DH6	1099305	TP Water (A23.2)	20180530.A23.2D	
DH7	1099306	TP Water (A23.2)	20180530.A23.2D	
DH8	1099307	TP Water (A23.2)	20180530.A23.2D	
DH9	1099308	TP Water (A23.2)	20180530.A23.2D	
PS1	1099292	TP Water (A23.2)	20180528.A23.2E	
PS2	1099293	TP Water (A23.2)	20180528.A23.2E	
PS3	1099294	TP Water (A23.2)	20180528.A23.2E	
PS4	1099295	TP Water (A23.2)	20180528.A23.2E	
PS5	1099296	TP Water (A23.2)	20180528.A23.2E	
PS6	1099297	TP Water (A23.2)	20180528.A23.2E	
PS7	1099298	TP Water (A23.2)	20180528.A23.2E	
PS8	1099299	TP Water (A23.2)	20180528.A23.2E	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 346190

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1105686		1105687		1105688		1105689		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.004	0.002	0.011	0.002	0.0026	0.002	0.0034	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1105690		1105691		1105692		1105693		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0035	0.002	0.005	0.002	<0.002	0.002	<0.002	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1105694		1105695		1105696		1105697		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0045	0.002	0.0052 [0.0056]	0.002	0.0044	0.002	0.0061	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1105698		1105699		1105700		1105701		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0052	0.002	0.0055	0.002	0.0056	0.002	<0.002	0.002	mg/L

Sample Description	DH9		
Lab ID	1105702		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	<0.002	0.002	mg/L



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Aqua-Cage Fisheries

Work Order Number: 346190

QUALITY CONTROL DATA

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General Chemistry

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	<0.002	0.006	20180614.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0	0.0024	0.006	20180614.A23.2D

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.181	0.24	20180614.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0.16	0.188	0.24	20180614.A23.2D

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0428	0.06	20180614.A23.2B
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0568	0.06	20180614.A23.2D

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	103	125	20180614.A23.2D
Total Phosphorus (as P)	N/A	% Rec	75	99	125	20180614.A23.2B



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 346190

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1105694	TP Water (A23.2)	20180614.A23.2B	
DH2	1105695	TP Water (A23.2)	20180614.A23.2D	
DH2	1105695r	TP Water (A23.2)	20180614.A23.2D	
DH3	1105696	TP Water (A23.2)	20180614.A23.2D	
DH4	1105697	TP Water (A23.2)	20180614.A23.2D	
DH5	1105698	TP Water (A23.2)	20180614.A23.2D	
DH6	1105699	TP Water (A23.2)	20180614.A23.2D	
DH7	1105700	TP Water (A23.2)	20180614.A23.2D	
DH8	1105701	TP Water (A23.2)	20180614.A23.2D	
DH9	1105702	TP Water (A23.2)	20180614.A23.2D	
PS1	1105686	TP Water (A23.2)	20180614.A23.2B	
PS2	1105687	TP Water (A23.2)	20180614.A23.2B	
PS3	1105688	TP Water (A23.2)	20180614.A23.2B	
PS4	1105689	TP Water (A23.2)	20180614.A23.2B	
PS5	1105690	TP Water (A23.2)	20180614.A23.2B	
PS6	1105691	TP Water (A23.2)	20180614.A23.2B	
PS7	1105692	TP Water (A23.2)	20180614.A23.2B	
PS8	1105693	TP Water (A23.2)	20180614.A23.2B	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 348742

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1358642		1358643		1358644		1358645		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0051	0.002	0.0034	0.002	0.0037	0.002	0.0059	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1358646		1358647		1358648		1358649		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0047	0.002	0.0041	0.002	0.0025	0.002	<0.002	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1358650		1358651		1358652		1358653		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0034	0.002	0.0036	0.002	0.003 [0.0023]	0.002	0.0064 [0.0043]	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1358654		1358655		1358656		1358657		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0045	0.002	0.0048	0.002	0.0042	0.002	<0.002	0.002	mg/L

Sample Description	DH9		
Lab ID	1358658		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.0026	0.002	mg/L



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 348742

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 348742

QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.004	mg/L	0.04	0.0431	0.06	20180710.A23.2C
Total Phosphorus (as P)	0.004	mg/L	0.04	0.0476	0.06	20180709.A23.2C
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0408	0.06	20180709.A23.2B

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	103	125	20180709.A23.2B
Total Phosphorus (as P)	N/A	% Rec	75	106	125	20180709.A23.2C
Total Phosphorus (as P)	N/A	% Rec	75	105	125	20180710.A23.2C

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.004	mg/L	0	<0.004	0.006	20180709.A23.2B
Total Phosphorus (as P)	0.004	mg/L	0	<0.004	0.006	20180710.A23.2C
Total Phosphorus (as P)	0.004	mg/L	0	<0.004	0.006	20180709.A23.2C

%RPD: % RPD (8)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	%	0	4.4	20	20180709.A23.2B

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.18	0.24	20180710.A23.2C
Total Phosphorus (as P)	0.002	mg/L	0.16	0.18	0.24	20180709.A23.2C
Total Phosphorus (as P)	0.002	mg/L	0.16	0.181	0.24	20180709.A23.2B



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 348742

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1358650	TP Water (A23.2)	20180709.A23.2B	
DH2	1358651	TP Water (A23.2)	20180709.A23.2B	
DH3	1358652	TP Water (A23.2)	20180709.A23.2C	
DH3	1358652r	TP Water (A23.2)	20180709.A23.2C	
DH4	1358653	TP Water (A23.2)	20180710.A23.2C	
DH4	1358653r	TP Water (A23.2)	20180710.A23.2C	
DH5	1358654	TP Water (A23.2)	20180710.A23.2C	
DH6	1358655	TP Water (A23.2)	20180710.A23.2C	
DH7	1358656	TP Water (A23.2)	20180710.A23.2C	
DH8	1358657	TP Water (A23.2)	20180710.A23.2C	
DH9	1358658	TP Water (A23.2)	20180710.A23.2C	
PS1	1358642	TP Water (A23.2)	20180709.A23.2B	
PS2	1358643	TP Water (A23.2)	20180709.A23.2B	
PS3	1358644	TP Water (A23.2)	20180709.A23.2B	
PS4	1358645	TP Water (A23.2)	20180709.A23.2B	
PS5	1358646	TP Water (A23.2)	20180709.A23.2B	
PS6	1358647	TP Water (A23.2)	20180709.A23.2B	
PS7	1358648	TP Water (A23.2)	20180709.A23.2B	
PS8	1358649	TP Water (A23.2)	20180709.A23.2B	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 351697

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1368490		1368491		1368492		1368493		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0055	0.002	0.0062	0.002	0.0079	0.002	0.0049	0.002	mg/L

Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1368494		1368495		1368496		1368497		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0055	0.002	0.0053	0.002	0.0028	0.002	0.0021	0.002	mg/L

Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1368498		1368499		1368500		1368501		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.006	0.002	0.0058	0.002	0.0067	0.002	0.0052	0.002	mg/L

Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1368502		1368503		1368504		1368505		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0055	0.002	0.0055	0.002	0.0058	0.002	0.0023	0.002	mg/L

Sample Description	DH9		
Lab ID	1368506		
General Chemistry	Result	MDL	Units
Total Phosphorus (as P)	0.0034	0.002	mg/L



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CERTIFICATE OF ANALYSIS

Work Order Number: 351697

Aqua-Cage Fisheries

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 351697

QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.196	0.24	20180815.A23.2G

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0529	0.06	20180815.A23.2G

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.00294	0.006	20180815.A23.2G

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	112	125	20180815.A23.2G

%RPD: % RPD (8)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	%	0	0.4	20	20180815.A23.2G



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 351697

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1368498	TP Water (A23.2)	20180815.A23.2G	
DH2	1368499	TP Water (A23.2)	20180815.A23.2G	
DH3	1368500	TP Water (A23.2)	20180815.A23.2G	
DH4	1368501	TP Water (A23.2)	20180815.A23.2G	
DH5	1368502	TP Water (A23.2)	20180815.A23.2G	
DH6	1368503	TP Water (A23.2)	20180815.A23.2G	
DH7	1368504	TP Water (A23.2)	20180815.A23.2G	
DH8	1368505	TP Water (A23.2)	20180815.A23.2G	
DH9	1368506	TP Water (A23.2)	20180815.A23.2G	
PS1	1368490	TP Water (A23.2)	20180815.A23.2G	
PS2	1368491	TP Water (A23.2)	20180815.A23.2G	
PS3	1368492	TP Water (A23.2)	20180815.A23.2G	
PS4	1368493	TP Water (A23.2)	20180815.A23.2G	
PS5	1368494	TP Water (A23.2)	20180815.A23.2G	
PS6	1368495	TP Water (A23.2)	20180815.A23.2G	
PS7	1368496	TP Water (A23.2)	20180815.A23.2G	
PS8	1368497	TP Water (A23.2)	20180815.A23.2G	

CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 353933

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1376200		1376201		1376202		1376203		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0093	0.002	0.0087	0.002	0.0083	0.002	0.0073	0.002	mg/L
Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1376204		1376205		1376206		1376207		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0087	0.002	0.0077	0.002	0.0066	0.002	0.0057	0.002	mg/L
Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1376208		1376209		1376210		1376211		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0076	0.002	0.0085	0.002	0.0083	0.002	0.0072	0.002	mg/L
Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1376212		1376213		1376214		1376215		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.0076	0.002	0.0081	0.002	0.011	0.002	0.0056	0.002	mg/L
Sample Description	DH9								
Lab ID	1376216								
General Chemistry	Result	MDL	Units						
Total Phosphorus (as P)	0.0054	0.002	mg/L						



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 353933

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES..



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 353933

QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0472	0.06	20180911.A23.2B

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.192	0.24	20180911.A23.2B

Method Blank: Method Blank (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.00432	0.006	20180911.A23.2B

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	99	125	20180911.A23.2B



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 353933

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1376208	TP Water (A23.2)	20180911.A23.2B	
DH2	1376209	TP Water (A23.2)	20180911.A23.2B	
DH3	1376210	TP Water (A23.2)	20180911.A23.2B	
DH4	1376211	TP Water (A23.2)	20180911.A23.2B	
DH5	1376212	TP Water (A23.2)	20180911.A23.2B	
DH6	1376213	TP Water (A23.2)	20180911.A23.2B	
DH7	1376214	TP Water (A23.2)	20180911.A23.2B	
DH8	1376215	TP Water (A23.2)	20180911.A23.2B	
DH9	1376216	TP Water (A23.2)	20180911.A23.2B	
PS1	1376200	TP Water (A23.2)	20180911.A23.2B	
PS2	1376201	TP Water (A23.2)	20180911.A23.2B	
PS3	1376202	TP Water (A23.2)	20180911.A23.2B	
PS4	1376203	TP Water (A23.2)	20180911.A23.2B	
PS5	1376204	TP Water (A23.2)	20180911.A23.2B	
PS6	1376205	TP Water (A23.2)	20180911.A23.2B	
PS7	1376206	TP Water (A23.2)	20180911.A23.2B	
PS8	1376207	TP Water (A23.2)	20180911.A23.2B	

CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 356305

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1384624		1384625		1384626		1384627		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.007	0.002	0.007	0.002	0.008	0.002	0.007	0.002	mg/L
Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1384628		1384629		1384630		1384631		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.007	0.002	0.007	0.002	0.004	0.002	0.004	0.002	mg/L
Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1384632		1384633		1384634		1384635		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.008	0.002	0.008	0.002	0.007 [0.007]	0.002	0.008	0.002	mg/L
Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1384636		1384637		1384638		1384639		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.009	0.002	0.009	0.002	0.01	0.002	0.004	0.002	mg/L
Sample Description	DH9								
Lab ID	1384640								
General Chemistry	Result	MDL	Units						
Total Phosphorus (as P)	0.004	0.002	mg/L						



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 356305

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES..

**CERTIFICATE OF ANALYSIS**

Aqua-Cage Fisheries

Work Order Number: 356305

QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

General Chemistry**Method Blank: Method Blank (6)**

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0	0.00343	0.006	20181009.A23.2D
Total Phosphorus (as P)	0.002	mg/L	0	0.00483	0.006	20181009.A23.2C

Positive Control: High Lab Control (UCL 0.24) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.16	0.193	0.24	20181009.A23.2C
Total Phosphorus (as P)	0.002	mg/L	0.16	0.194	0.24	20181009.A23.2D

Positive Control: Lab Control Sample .05 (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0456	0.06	20181009.A23.2D
Total Phosphorus (as P)	0.002	mg/L	0.04	0.0465	0.06	20181009.A23.2C

Sample Replicate: % RPD (8)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	%	0	2.8	20	20181009.A23.2C

Sample Spike: Matrix Spike (UCL 125, LCL 75, 10%) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Total Phosphorus (as P)	N/A	% Rec	75	103	125	20181009.A23.2C
Total Phosphorus (as P)	N/A	% Rec	75	109	125	20181009.A23.2D



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 356305

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DH1	1384632	TP Water (A23.2)	20181009.A23.2C	
DH2	1384633	TP Water (A23.2)	20181009.A23.2C	
DH3	1384634	TP Water (A23.2)	20181009.A23.2D	
DH3	1384634r	TP Water (A23.2)	20181009.A23.2D	
DH4	1384635	TP Water (A23.2)	20181009.A23.2D	
DH5	1384636	TP Water (A23.2)	20181009.A23.2D	
DH6	1384637	TP Water (A23.2)	20181009.A23.2D	
DH7	1384638	TP Water (A23.2)	20181009.A23.2D	
DH8	1384639	TP Water (A23.2)	20181009.A23.2D	
DH9	1384640	TP Water (A23.2)	20181009.A23.2D	
PS1	1384624	TP Water (A23.2)	20181009.A23.2C	
PS2	1384625	TP Water (A23.2)	20181009.A23.2C	
PS3	1384626	TP Water (A23.2)	20181009.A23.2C	
PS4	1384627	TP Water (A23.2)	20181009.A23.2C	
PS5	1384628	TP Water (A23.2)	20181009.A23.2C	
PS6	1384629	TP Water (A23.2)	20181009.A23.2C	
PS7	1384630	TP Water (A23.2)	20181009.A23.2C	
PS8	1384631	TP Water (A23.2)	20181009.A23.2C	



CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 358856

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1394054		1394055		1394056		1394057		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.006	0.002	0.007	0.002	0.006	0.002	0.006	0.002	mg/L
Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1394058		1394059		1394060		1394061		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.007	0.002	0.005	0.002	0.003	0.002	0.003	0.002	mg/L
Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1394062		1394063		1394064		1394065		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.008	0.002	0.007	0.002	0.008	0.002	0.007	0.002	mg/L
Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1394066		1394067		1394068		1394069		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.008	0.002	0.009	0.002	0.006	0.002	0.004	0.002	mg/L
Sample Description	DH9								
Lab ID	1394070								
General Chemistry	Result	MDL	Units						
Total Phosphorus (as P)	0.003	0.002	mg/L						



TESTMARK Laboratories Ltd.

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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 358856

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES..

CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 360229

WORK ORDER RESULTS

Sample Description	PS1		PS2		PS3		PS4		
Lab ID	1399037		1399038		1399039		1399040		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.005	0.002	0.006	0.002	0.004	0.002	0.005	0.002	mg/L
Sample Description	PS5		PS6		PS7		PS8		
Lab ID	1399041		1399042		1399043		1399044		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.004	0.002	0.005	0.002	<0.002	0.002	<0.002	0.002	mg/L
Sample Description	DH1		DH2		DH3		DH4		
Lab ID	1399045		1399046		1399047		1399048		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.007	0.002	0.01	0.002	0.015	0.002	0.01	0.002	mg/L
Sample Description	DH5		DH6		DH7		DH8		
Lab ID	1399049		1399050		1399051		1399052		
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units
Total Phosphorus (as P)	0.003 [0.002]	0.002	0.01	0.002	0.006	0.002	<0.002	0.002	mg/L
Sample Description	DH9								
Lab ID	1399053								
General Chemistry	Result	MDL	Units						
Total Phosphorus (as P)	<0.002	0.002	mg/L						



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CERTIFICATE OF ANALYSIS

Aqua-Cage Fisheries

Work Order Number: 360229

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

Quality Control: All associated Quality Control data is available on request.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES..