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LABORATORY ANALYSIS REPORT

DATE: 2010/06/08
CLIENT: Pionetics Corporation
151H Old County Road
San Carlos, CA 94070

PAGE: 1 of 7
PROJECT: 620
COLLECTED BY: AB
PROJECT REC'D: 2010-03-04
PROJECT DESC: Linx 140-120V

CONTACT: Eric Nyberg

Pace Analyticals Product Testing Division received 2 Linx 140-120V (s) for the analysis presented in the following report.

All data reported is associated with quality control that met method, EPA, NSF/ANSI or internal laboratory specification. Any exceptions are noted in a footnote or narrative format.

Pace Analytical Services, Inc. appreciates the opportunity to provide you with this product testing service. We value your feedback, would you please take a few minutes to access our customer satisfaction survey at: <http://www.pacelabs.com/my-account/customer-survey.html> . If you have any questions or comments regarding this report, please feel free to contact us.

Sincerely,

Enclosure



NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007015	Description: Influent	Volume: 10 Unit Volume
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Alkalinity (wc)	16	mg/L	1.0	EPA 310.1	2010-05-13	2010-05-20
Conductivity	89	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Hardness (wc)	21	mg/L	1	EPA 130.2	2010-05-13	2010-05-19
Hexavalent Chromium	0.30	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
pH (wc)	6.57	(None)	NA	EPA 150.1	2010-05-13	2010-05-13
Phosphorus (wc)	<0.05	mg/L	0.05	SM 4500-P	2010-05-13	2010-05-25
Pressure (psi)	60	psi	NA	(None)	2010-05-13	2010-05-13
Temperature (wc)	22.4	°C	NA	EPA 150.1	2010-05-13	2010-05-13
Total Dissolved Solids (wc)	35	mg/L	10	EPA 160.1	2010-05-13	2010-05-14
Turbidity (wc)	<1.0	NTU	1.0	EPA 180.1	2010-05-13	2010-05-13

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007021	Description: Linx140-120V #3	Volume: 10 Unit Volume
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	11	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	88	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03



NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007022	Description: Linx140-120V #4	Volume: 10 Unit Volume
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	5	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	95	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007023	Description: Linx140-120V #3	Volume: 2.8 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	8	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	91	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007024	Description: Linx140-120V #4	Volume: 2.8 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	5	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	94	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

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NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007025		Description: Linx140-120V #3			Volume: 5.7 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	3	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	97	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007026		Description: Linx140-120V #4			Volume: 5.7 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	98	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007027		Description: Linx140-120V #3			Volume: 8.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	97	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03



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Sample: 007028		Description: Linx140-120V #4			Volume: 8.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	98	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007029		Description: Linx140-120V #3			Volume: 11.4 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	98	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007030		Description: Linx140-120V #4			Volume: 11.4 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	98	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

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Sample: 007031	Description: Linx140-120V #3	Volume: 13.6 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	97	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.399	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03

NSF/ANSI Standard 53- 2009 Hexavalent Chromium Reduction

Sample: 007032	Description: Linx140-120V #4	Volume: 13.6 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	2	uS/cm	1	EPA 120.1	2010-05-13	2010-05-13
Conductivity % Red	98	%	NA	EPA 120.1	2010-05-13	2010-05-27
Flow Rate	0.358	GPM	NA	(None)	2010-05-13	2010-05-13
Hexavalent Chromium	<0.01	mg/L	0.01	EPA 7196	2010-05-13	2010-05-13
Hexavalent Chromium % Red	>99	%	NA	EPA 7196	2010-05-13	2010-06-03



PERFORMANCE SUMMARY

Contaminant	Hexavalent Chromium	
Number of Systems Tested	2	
Rated Claim	11.40	LITERS
Performance Indicating Device (PID)	Yes	
Total Test Volume	14	LITERS
Percentage of Rated Claim	123	PERCENT
Manufacturers Rated Flow Rate	0.50	GPM
Average Flow Rate (all devices)	0.379	GPM
Average Test Influent	0.3	mg/L
Average Effluent (all devices)	<0.01	mg/L
Maximum Allowable Effluent Level	0.1	mg/L
Failure Point - Linx140-120V #3	Didn't Fail	LITERS
Failure Point - Linx140-120V #4	Didn't Fail	LITERS

This report has been reviewed for technical accuracy and completeness. The analyses were performed using EPA or other approved methodologies and the results were reported on an "as received" basis unless otherwise noted. These results relate only to the items tested.

NA = Not Applicable

su - Standard Units

UV - Unit Volume

mg/L = milligrams per Liter

ug/L = micrograms per Liter

GPM = Gallons Per Minute

NTU = Nephelometric Turbidity Unit

(wc) = Water Characteristics are for monitoring purposes only, quality control samples may or may not have been performed.

* = Hexavalent Chromium Max Effluent 0.1

END OF DOCUMENT