

12/17/2019

KMI Zeolite Inc.  
5390 E. Nye County Rd. #266  
Amargosa Valley, NV 89020  
Attn: Justin Mitchell

OrderID: 19120444

Dear: Justin Mitchell

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/12/2019. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith  
QA Manager

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**SPARKS**

475 E. Greg Street, Suite 119  
Sparks, Nevada 89431  
tel (775) 355-0202  
fax (775) 355-0817  
EPA LAB ID: NV00925 - ELAP No: 2523

**ELKO**

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**LAS VEGAS**

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Las Vegas, Nevada 89102  
tel (702) 475-8899  
fax (702) 622-2868  
EPA LAB ID: NV00932

# Western Environmental Testing Laboratory

## Report Comments

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KMI Zeolite Inc. - 19120444

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### Specific Report Comments

None

### Report Legend

B	-- Blank contamination; Analyte detected above the method reporting limit in an associated blank
D	-- Due to the sample matrix dilution was required in order to properly detect and report the analyte. The reporting limit has been adjusted accordingly.
HT	-- Sample analyzed beyond the accepted holding time
J	-- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. The reported result should be considered an estimate.
K	-- The TPH Diesel Concentration reported here likely includes some heavier TPH Oil hydrocarbons reported in the TPH Diesel range as per EPA 8015.
L	-- The TPH Oil Concentration reported here likely includes some lighter TPH Diesel hydrocarbons reported in the TPH Oil range as per EPA 8015.
M	-- The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of this parameter were outside acceptance criteria due to probable matrix interference. The reported result should be considered an estimate.
N	-- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NC	-- Not calculated due to matrix interference
QD	-- The sample duplicate or matrix spike duplicate analysis demonstrated sample imprecision. The reported result should be considered an estimate.
QL	-- The result for the laboratory control sample (LCS) was outside WETLAB acceptance criteria and reanalysis was not possible. The reported data should be considered an estimate.
S	-- Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
SC	-- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered
U	-- The analyte was analyzed for, but was not detected above the level of the reported sample reporting/quantitation limit. The reported result should be considered an estimate.

### General Lab Comments

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

The following is an interpretation of the results from EPA method 9223B:

A result of zero (0) indicates absence for both coliform and Escherichia coli meaning the water meets the microbiological requirements of the U.S. EPA Safe Drinking Water Act (SDWA). A result of one (1) for either test indicates presence and the water does not meet the SDWA requirements. Waters with positive tests should be disinfected by a certified water treatment operator and retested.

Per federal regulation the holding time for the following parameters in aqueous/water samples is 15 minutes: Residual Chlorine, pH, Dissolved Oxygen, Sulfite.

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## Analytical Report

KMI Zeolite Inc.

5390 E. Nye County Rd. #266

Amargosa Valley, NV 89020

Attn: Justin Mitchell

Phone: (209) 553-0543 Fax: NoFax

Date Printed: 12/17/2019

OrderID: 19120444

Customer Sample ID: NH3 Blank

Collect Date/Time: 12/12/2019

WETLAB Sample ID: 19120444-002

Receive Date: 12/12/2019 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b>General Chemistry</b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	2400	mg/L	4000	200	12/13/2019	NV00925
pH	SM 4500-H+ B	5.95 HT	pH Units	1		12/13/2019	NV00925
Temperature at pH	SM 2550B	21	°C	1		12/13/2019	NV00925

Customer Sample ID: 14X30 AP NH3 1 Minute

Collect Date/Time: 12/12/2019

WETLAB Sample ID: 19120444-003

Receive Date: 12/12/2019 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b>General Chemistry</b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	2100	mg/L	2000	100	12/13/2019	NV00925
pH	SM 4500-H+ B	6.94 HT	pH Units	1		12/13/2019	NV00925
Temperature at pH	SM 2550B	22	°C	1		12/13/2019	NV00925

Customer Sample ID: 14X30 AP NH3 5 Minute

Collect Date/Time: 12/12/2019

WETLAB Sample ID: 19120444-004

Receive Date: 12/12/2019 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b>General Chemistry</b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	1700	mg/L	1000	50	12/13/2019	NV00925
pH	SM 4500-H+ B	7.16 HT	pH Units	1		12/13/2019	NV00925
Temperature at pH	SM 2550B	22	°C	1		12/13/2019	NV00925

Customer Sample ID: 14X30 AP NH3 10 Minute

Collect Date/Time: 12/12/2019

WETLAB Sample ID: 19120444-005

Receive Date: 12/12/2019 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b>General Chemistry</b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	1500	mg/L	1000	50	12/13/2019	NV00925
pH	SM 4500-H+ B	7.31 HT	pH Units	1		12/13/2019	NV00925
Temperature at pH	SM 2550B	22	°C	1		12/13/2019	NV00925

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected &lt;RL or &lt;MDL (if listed)

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## Western Environmental Testing Laboratory QC Report

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC19120603	Blank 1	Ammonia, as Nitrogen	SM 4500 NH3	ND			mg/L

  

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC19120597	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC19120603	LCS 1	Ammonia, as Nitrogen	SM 4500 NH3 D	0.955	1.00	95	mg/L

  

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC19120597	Duplicate 1	pH	SM 4500-H+ B	19120444-002	5.95	5.95	HT	pH Units <1%

  

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS %Rec	MSD %Rec	RPD %
QC19120603	MS 1	Ammonia, as Nitrogen	SM 4500 NH3	19120405-001	0.158	1.01	1.02	1	mg/L	85	86	1

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