

**FY2018 CONSERVATION CRUDE HELIUM SALE**

**Summary**

Bidders	Volumes Awarded (Mcf)	Percent Received from Sale	Total Revenues	
Air Products	129,100	32.27%	\$15,362,900	Allocated
Praxair, Inc	121,927	30.48%	\$14,509,313	Allocated
Linde Gas North America LLC	93,239	23.31%	\$11,095,441	Allocated
Keyes Helium Company	14,514	3.63%	\$ 1,727,166	Allocated
IACX	1,220	0.30%	\$ 145,180	Allocated
Air Liquide Helium America, Inc.	-	0.00%	\$ -	Non-Allocated
Pioneer Natural Resources	-	0.00%	\$ -	Non-Allocated
Matheson Tri-Gas, Inc.	11,334	2.83%	\$ 1,348,746	Non-Allocated
Airgas Merchant Gases	-	0.00%	\$ -	Non-Allocated
Global Gases America, Inc.	-	0.00%	\$ -	Non-Allocated
Linn Operating, Inc.	-	0.00%	\$ -	Non-Allocated
Uniper Global Commodities North America LLC	11,334	2.83%	\$ 1,348,746	Non-Allocated
Weil Group Resources LLC	6,000	1.50%	\$ 714,000	Non-Allocated
NAH USA Helium Marketing, Inc.	11,334	2.83%	\$ 1,348,746	Non-Allocated
	-	0.00%	\$ -	Non-Allocated
	400,002	100.00%	\$47,600,238	

Mcf - Thousand square feet

**Award Details**

Price per Mcf	\$119.00	
(all volumes in Mcf)		
<b>Total Volume this Sale</b>	400,000	Mcf
(percent to allocated sale)	90.00%	360,000.0
(percent to Non-allocated sale)	10.00%	40,000.0
Total Sales	400,002	Mcf
Amount not sold	-2	Mcf

Allocated Sale	Installed Refining Capacity <sup>(1)</sup>	Volume Offers	Round 1	Excess Volume Requested	Proportion Percentage for Round 2	Round 2	Excess Volume Requested	Proportion Percentage for Round 3	Round 3	Excess Allocation Round 3	Total Allocated
IACX Energy	1	1.15%	1,220	1,220.0	-	-	-	-	-	-	1,220.0
Keyes Helium Company, LLC	1	4.00%	25,000	14,397.0	10,603.0	117.0	10,486.0	4.00%	-	10,486.0	14,514.0
Linde Gas North America LLC	1	25.69%	140,000	92,477.0	47,523.0	762.0	46,761.0	26.00%	-	46,761.0	93,239.0
Praxair, Inc	1	33.59%	225,000	120,931.0	104,069.0	996.0	103,073.0	34.00%	-	103,073.0	121,927.0
Air Products and Chemicals, Inc.	1	35.57%	144,000	128,045.0	15,955.0	1,055.0	14,900.0	36.00%	-	14,900.0	129,100.0
<b>Total</b>	<b>5</b>	<b>100.00%</b>	<b>535,220</b>	<b>357,070.0</b>	<b>178,150.0</b>	<b>2,930.0</b>	<b>175,220.0</b>	<b>100.00%</b>	<b>-</b>	<b>175,220.0</b>	<b>360,000.0</b>

**Total Allocated Sale Volume:** 360,000 Mcf 2,930.0 Mcf - Mcf -

Non-Allocated Sale	Proportion Percentage for Round 1	Volume Offers	Round 1	Excess Volume Requested	Proportion Percentage for Round 2	Round 2	Excess Volume Requested	Proportion Percentage for Round 3	Round 3	Excess Allocation Round 3	Total Allocated
Air Liquide Helium America, Inc.	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
Pioneer Natural Resources	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
Matheson Tri-Gas, Inc.	1	25.00%	40,000	6,000.0	34,000.0	5,333.3	28,666.7	33.33%	-	28,666.7	11,334.0
Airgas Merchant Gases	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
Global Gases America, Inc.	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
Linn Operating, Inc.	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
Uniper Global Commodities North America LLC	1	25.00%	40,000	6,000.0	34,000.0	5,333.3	28,666.7	33.33%	-	28,666.7	11,334.0
Weil Group Resources LLC	1	25.00%	6,000	6,000.0	-	-	-	0.00%	-	-	6,000.0
NAH USA Helium Marketing, Inc.	1	25.00%	15,000	6,000.0	9,000.0	5,333.3	3,666.7	33.33%	-	3,666.7	11,334.0
	0	0.00%	-	-	0.00%	-	-	0.00%	-	-	-
<b>Number of Bidders</b>	<b>4</b>	<b>100.00%</b>	<b>101,000</b>	<b>24,000.0</b>	<b>77,000.0</b>	<b>16,000.0</b>	<b>61,000.0</b>	<b>100.00%</b>	<b>-</b>	<b>61,000.0</b>	<b>40,002.0</b>

**Non Allocated Volume:** 40,000 Mcf 16,000.0 Mcf - Mcf (2.0)

**Total Non-Allocated Sale Volume Including Carryover Amount.** 40,000 Mcf \*\* Due to rounding, the BLM is oversold by 2Mcf.

- (1) The volume of helium from the Federal Helium Reserve available for the allocated sale under the preceding paragraph will be apportioned to each refiner based on the refiner's percentage share (rounded to the nearest 1/10th of 1 percent) of the total refining capacity connected to the BLM crude helium pipeline as of October 1, 2015.
- (2) Per IFO, Refiners on the Federal Crude Helium Pipeline System in the Allocated Sales will only be awarded helium in the Non-Allocated Sales category if there remain unallocated volumes not awarded to non-refiners.