GUARDIAN PIPELINE, L.L.C.

Fuel Matrix / Company Use by Path

Effective November 01, 2017 Through October 31, 2018

Receipt / Delivery	JOLV	JOL-ALLI	JOL-ANR	ALLI/ANR	BLUE	JOL-PEO	JOL-NBP	JOL-MGT	JOL-NGP	WALWOR	BLUFF-W	BLUFFNN	ROCKVA	IXONIA
JOLV	0%	0%	0%	0%	0%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-ALLI	0%	0%	0%	0%	0%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-ANR	0%	0%	0%	0%	0%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
ALLI/ANR	0%	0%	0%	0%	0%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
BLUE	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-PEOP	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-NBPL	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-MGT	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0.01%	0%	0%	0%	0%	0%
JOL-NGPL	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0.01%	0%	0%	0%	0%	0%
WALWORTH	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0%	0%
BLUFF-WG	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0%
BLUFFNNG	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0%
ROCKVALE	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%
IXONIA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%
VAPP	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
RUBI	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
SHEB	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
CHLT	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FOXV	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DENM	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
SWGB	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
WESTGB	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%

GUARDIAN PIPELINE, L.L.C.

Fuel Matrix / Company Use by Path

Effective November 01, 2017 Through October 31, 2018

Receipt / Delivery	VAPP	RUBI	SHEB	CHLT	FOXV	DENM	SWGB	WESTGB
JOLV	0%	0%	0%	0%	0%	0%	0%	0%
JOL-ALLI	0%	0%	0%	0%	0%	0%	0%	0%
JOL-ANR	0%	0%	0%	0%	0%	0%	0%	0%
ALLI/ANR	0%	0%	0%	0%	0%	0%	0%	0%
BLUE	0%	0%	0%	0%	0%	0%	0%	0%
JOL-PEOP	0%	0%	0%	0%	0%	0%	0%	0%
JOL-NBPL	0%	0%	0%	0%	0%	0%	0%	0%
JOL-MGT	0%	0%	0%	0%	0%	0%	0%	0%
JOL-NGPL	0%	0%	0%	0%	0%	0%	0%	0%
WALWORTH	0%	0%	0%	0%	0%	0%	0%	0%
BLUFF-WG	0%	0%	0%	0%	0%	0%	0%	0%
BLUFFNNG	0%	0%	0%	0%	0%	0%	0%	0%
ROCKVALE	0%	0%	0%	0%	0%	0%	0%	0%
IXONIA	0%	0%	0%	0%	0%	0%	0%	0%
VAPP	0%	0%	0%	0%	0%	0%	0%	0%
RUBI	0.01%	0%	0%	0%	0%	0%	0%	0%
SHEB	0.01%	0.01%	0%	0%	0%	0%	0%	0%
CHLT	0.01%	0.01%	0.01%	0%	0%	0%	0%	0%
FOXV	0.01%	0.01%	0.01%	0.01%	0%	0%	0%	0%
DENM	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%	0%
SWGB	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%	0%
WESTGB	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0%