The undersigned hereby authorizes

as the undersigned's agent and attorney- in- fact (the "Agent"), with full power and authority to enter into contracts for the purchase, receipt, sale (including short sale), and delivery of, whether directly or indirectly through investments in managed investment products or otherwise, commodity futures contracts; commodities; options on commodity futures contracts; physical commodities, including foreign futures and options; forward contracts; securities; equity; debt and related investments (collectively "Contracts") on margin or otherwise, in one or more accounts ("Account") with Dorman Trading, L.L.C. ("Dorman").

In all such transactions, as well as management decisions relating to the Account, Dorman is hereby authorized to follow the instructions of the Agent; the Agent is authorized to act on behalf of the undersigned in the same manner and with the same force and effect as the undersigned might or could with respect to such transactions, the making and taking of deliveries, and with respect to all other things necessary or incidental to the furtherance and/or conduct of the Account.

Dorman shall have no liability for following the instructions of the Agent, and the undersigned shall never attempt to hold Dorman liable for the Agent's actions or inactions. The undersigned understands that Dorman does not, by implication or otherwise, endorse the operating methods of such Agent. The undersigned hereby releases Dorman from any and all liability to the undersigned or to anyone claiming through the undersigned with respect to damage, losses or lost profits sustained or alleged to have been sustained as a result of Dorman following the Agent's instructions, or for any matter arising out of the relationship between the Agent and the undersigned and shall indemnify Dorman from any and all losses, damages, liabilities, and expenses, of any kind or nature whatsoever, arising there from. The undersigned agrees to hold Dorman harmless and to indemnify it as to any expense, damage, or liability sustained by it with respect to any and all acts and practices of the Agent and attorney- in- fact regarding this account, including all losses arising there from and debit balance(s) due thereof.

This authorization is a continuing one and shall remain in full force and effect until revoked by the undersigned, or an authorized person on their behalf, by written notice given to Dorman, Attention: Chief of Compliance Officer (compliance@ dormantrading.com). Such revocation shall become effective only upon the actual receipt thereof by Dorman but shall not affect any liability in any way resulting from transactions initiated prior to its receipt. This authorization shall inure to the benefit of Dorman, its successors and assigns. The provisions hereof shall be in addition to and in no way shall it limit or restrict any right which Dorman may have under any agreement with the undersigned.

In addition, Dorman is further authorized and directed to deduct from the undersigned's account and pay the Agent the amount of all management fees, incentive fees, and/or advisory fees due to the Agent upon Dorman's receipt of invoices from the Agent. The undersigned hereby agrees to indemnify and hold harmless Dorman and its affiliates and employees from any loss, damage, or dispute arising out of or relating to the calculation and payment of such fees.

All statements, notices, correspondence, and the like generated in this account shall be sent or given to the Agent at the address shown for this account and to the undersigned at the address indicated in the Customer's Account documents, or to such other person or address as the undersigned may hereafter designate in writing.

Each of the undersigned hereby agrees to the terms and conditions as set forth in this Discretionary Trading Authorization.

Date

Signature of Customer

Date

Signature of Customer (if joint account)

Representations Regarding Discretionary Accounts

All Customers maintaining discretionary accounts must provide Dorman with either:

(A) a written acknowledgment by the account owner of receipt of the account controller's disclosure document; or

(B) a signed statement by account controller explaining why the account controller is not required to provide a disclosure document to account owner.

A) Acknowledgment of receipt of disclosure document

This is to acknowledge that I have received a copy of the disclosure document of

dated , 20 , in compliance with CFTC Regulation 4.31, describing the trading program(s) pursuant to

which my account(s) will be directed.

Read and Acknowledged by:

Date

Signature of Customer

Date

Signature of Customer (if joint account)

B) Representation of unregistered authorized agent

Controller represents and warrants to Dorman that Controller has reviewed the registration requirements, as amended from time to time, of the Commodity Exchange Act, the Commodity Futures Trading Commission, and the National Futures Association relating to commodity trading advisors and is exempt from CFTC registration because of the following:

Controller has provided advice to 15 or fewer persons during the past 12 months and does not hold itself out to the
 public as a CTA.

Controller is (1) a dealer, processor, broker, or seller in cash market transactions, or (2) a nonprofit, voluntary membership, general farm organization providing advice on the sale or purchase of commodities and any trading advice is solely incidental to the conduct of this business.

Controller is registered in another capacity and their advice is solely incidental to their principal business.

- Controller is a relative of the customer. Controller's relationship to the customer is
- Controller is not a citizen of the United States, is located outside of the United States and only solicits or exercises discretionary trading authority over the accounts of non-United States persons.

Other (please describe)

I hereby acknowledge that the Account Controller is not required to provide me with a disclosure document for the reason stated above

Date

Signature of Customer

Date

Signature of Customer (if joint account)

Controller Information and Agreement

List each *person* who controls the trading of the account (this may be a natural person who exercises discretion or an employee who acts within their capacity as an employee of the legal entity that trades the account). For each controller, provide the following information.

ALL REQUESTED INFORMATION IS MANDATORY IF APPLICABLE.

Account Controller Information (must be Natural Person)

Name
Address
Street Address, City, State, Country, Zip/Postal code
Phone
Email Address
NFA ID (if any)
Social Security Number (if applicable)
Employer
Job Title
Job Title
Employer NFA ID (if any)
Employer LEI (if any)
Relationship to Account Owner

Controller acknowledges that it has been designated as Customer's Agent. Controller agrees to notify Dorman if the above representations change or become inaccurate in any way. Controller agrees to indemnify Dorman and hold Dorman harmless from any and all losses, costs, damages, liabilities, and expenses of any kind or nature relating to any act or omission to act of the Controller under this authorization. The Controller acknowledges and agrees that Dorman shall not be liable for any action or inaction by the Controller.

Date

Signature of Controller

Name of Controller

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