



APR 21 2010

Sam Kingston WM Bolthouse Farms - South Avenal 7200 E. Brundage Ln Bakersfield, CA 93307

### RE: Notice of Final Action - Authority to Construct Project Number: C-1093343

Dear Mr. Kingston:

The Air Pollution Control Officer has issued Authority to Construct permits to WM Bolthouse Farms - South Avenal for two stationary and three transportable diesel-fired IC engines powering agricultural booster pumps, at Highway 33 and Highway 41, Avenal, CA.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on February 2, 2010. The District's analysis of the proposal was also sent to CARB on January 28, 2010. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely. David Warner irector of Permit Services

DW:st

Enclosures

Seyed Sadredin Executive Director/Air Pollution Control Officer

Northern Region 4800 Enterprise Way Modesto, CA 95356-8718 Tel: (209) 557-6400 FAX: (209) 557-6475 **Central Region (Main Office)** 1990 E. Gettysburg Avenue Fresno, CA 93726-0244 Tel: (559) 230-6000 FAX: (559) 230-6061 Southern Region 34946 Flyover Court Bakersfield, CA 93308-9725 Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com





APR 2 1 2010

Mike Tollstrup, Chief Project Assessment Branch Stationary Source Division California Air Resources Board PO Box 2815 Sacramento, CA 95812-2815

### RE: Notice of Final Action - Authority to Construct Project Number: C-1093343

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to WM Bolthouse Farms - South Avenal for two stationary and three transportable diesel-fired IC engines powering agricultural booster pumps, at Highway 33 and Highway 41, Avenal, CA.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on February 2, 2010. The District's analysis of the proposal was also sent to CARB on January 28, 2010. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely, David Warner

David Warner Director of Permit Services

DW:st

Enclosures

Seyed Sadredin Executive Director/Air Pollution Control Officer

Northern Region 4800 Enterprise Way Modesto, CA 95356-8718 Tel: (2D9) 557-6400 FAX: (209) 557-6475 Central Region (Main Office) 1990 E. Gettysburg Avenue Fresno, CA 93726-0244 Tel: (559) 230-6000 FAX: (559) 230-6061 Southern Region 34946 Flyover Court Bakersfield, CA 93308-9725 Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com

Hanford Sentinel

## NOTICE OF FINAL ACTION FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT PERMITS

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to WM Bolthouse Farms - South Avenal for two stationary and three transportable diesel-fired IC engines powering agricultural booster pumps, at Highway 33 and Highway 41, Avenal, CA.

No comments were received following the District's preliminary decision on this project.

The application review for Project #C-1093343 is available for public inspection at <a href="http://www.valleyair.org/notices/public\_notices\_idx.htm">http://www.valleyair.org/notices/public\_notices\_idx.htm</a> and the SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.





PERMIT NO: C-6982-18-0

MAILING ADDRESS:

**ISSUANCE DATE: 04/19/2010** 

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS- SOUTH AVENAL 7200 E. BRUNDAGE LN BAKERSFIELD, CA 93307

LOCATION:

**HIGHWAY 33 AND HIGHWAY 41 AVENAL, CA 93204** 

### EQUIPMENT DESCRIPTION:

230 BHP CUMMINS MODEL QSC 8.3 SERIAL #46700192 TIER 3 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (ENG 298)

# CONDITIONS

- This engine shall be replaced with an electric motor by January 1, 2012. [District Rule 2201] 1.
- This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, 2. and 4702]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] 3.
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] 4.
- 5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
- This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved 6. alternative. [District Rule 4702]
- The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper 7. ok), roof overhang, or any other obstruction. [District Rule 4102]
- Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] 8.
- Emissions from this IC engine shall not exceed any of the following limits: 2.83 g-NOx/bhp-hr, 1.27 g-CO/bhp-hr, or 9 0.15 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]

#### CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services 2010 11:27AM - TOMS

#### Conditions for C-6982-18-0 (continued)

- 10. Emissions from this IC engine shall not exceed 0.13 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
- 11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
- 12. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
- 13. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
- 14. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
- 15. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
- 16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]





PERMIT NO: C-6982-19-0

MAILING ADDRESS:

**ISSUANCE DATE: 04/19/2010** 

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS- SOUTH AVENAL 7200 E. BRUNDAGE LN BAKERSFIELD, CA 93307

LOCATION:

**HIGHWAY 33 AND HIGHWAY 41** AVENAL, CA 93204

### **EQUIPMENT DESCRIPTION:**

500 BHP CUMMINS MODEL QSX 15 SERIAL #79015700 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (ENG 198)

# CONDITIONS

- This engine shall be replaced with an electric motor by January 1, 2012. [District Rule 2201] 1.
- This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, 2. and 4702]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] 3.
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] 4.
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three 5. minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
- 6. This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
- The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper 7. ok), roof overhang, or any other obstruction. [District Rule 4102]
- Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] 8.
- Emissions from this IC engine shall not exceed any of the following limits: 4.46 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 9 0.23 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]

#### CONDITIONS CONTINUE ON NEXT PAGE

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Seved Sadredin, Executive Director / APCO

WARNER, Director of Permit Services r 19 2010 11:27AM

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Conditions for C-6982-19-0 (continued)

- 10. Emissions from this IC engine shall not exceed 0.075 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
- 11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
- 12. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
- 13. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
- 14. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
- 15. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
- 16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]





PERMIT NO: C-6982-20-0

MAILING ADDRESS:

**ISSUANCE DATE: 04/19/2010** 

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS- SOUTH AVENAL 7200 E. BRUNDAGE LN BAKERSFIELD, CA 93307

LOCATION:

**HIGHWAY 33 AND HIGHWAY 41** AVENAL, CA 93204

## **EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 60 BHP PERKINS MODEL 1104C-44 SERIAL #U311121N TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG 292)

# CONDITIONS

- This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, 1 and 4702]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] 2.
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] 3.
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three 4. minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
- This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved 5. alternative. [District Rule 4702]
- The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper 6. ok), roof overhang, or any other obstruction. [District Rule 4102]
- Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] 7.
- Emissions from this IC engine shall not exceed any of the following limits: 5.03 g-NOx/bhp-hr, 0.52 g-CO/bhp-hr, or 8. 0.26 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]
- Emissions from this IC engine shall not exceed 0.21 g-PM10/bhp-hr based on US EPA certification using ISO 8178 9. test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]

### CONDITIONS CONTINUE ON NEXT PAGE

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Seved Sadredin, Executive Director / APCO

ARNER, Director of Permit Services AVID \

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### Conditions for C-6982-20-0 (continued)

- 10. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
- 11. This engine shall be operated at one location or site at a facility for no more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701 and 17 CCR 93115]
- 12. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
- 13. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
- 14. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
- 15. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
- 16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]





PERMIT NO: C-6982-21-0

MAILING ADDRESS:

**ISSUANCE DATE: 04/19/2010** 

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS- SOUTH AVENAL 7200 E. BRUNDAGE LN BAKERSFIELD, CA 93307

LOCATION:

**HIGHWAY 33 AND HIGHWAY 41 AVENAL, CA 93204** 

### EQUIPMENT DESCRIPTION:

TRANSPORTABLE 250 BHP JOHN DEERE MODEL 6068H SERIAL #PE6068H387832 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG 302)

## CONDITIONS

- The permittee shall submit an Authority to Construct (ATC) application before January 1, 2017 to be in compliance 1. with Rule 4702. [District Rule 4702]
- This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, 2. and 4702]
- 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three 5. minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
- This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved 6. alternative. [District Rule 4702]
- The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper 7. ok), roof overhang, or any other obstruction. [District Rule 4102]
- Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] 8.
- 9. Emissions from this IC engine shall not exceed any of the following limits: 2.20 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.12 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]

### CONDITIONS CONTINUE ON NEXT PAGE

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WARNER, Director of Permit Services

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- 10. Emissions from this IC engine shall not exceed 0.097 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
- 11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
- 12. This engine shall be operated at one location or site at a facility for no more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701 and 17 CCR 93115]
- 13. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
- 14. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
- 15. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
- 16. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
- 17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]





PERMIT NO: C-6982-22-0

MAILING ADDRESS:

**ISSUANCE DATE: 04/19/2010** 

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS- SOUTH AVENAL 7200 E. BRUNDAGE LN BAKERSFIELD, CA 93307

LOCATION:

**HIGHWAY 33 AND HIGHWAY 41 AVENAL, CA 93204** 

## EQUIPMENT DESCRIPTION:

TRANSPORTABLE 300 BHP JOHN DEERE MODEL 6081H SERIAL # RG6081H241661 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG 275)

# CONDITIONS

- The permittee shall submit an Authority to Construct (ATC) application before January 1, 2017 to be in compliance 1 • with Rule 4702. [District Rule 4702]
- This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, 2. and 4702]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] 3.
- 4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three 5. minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
- This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved 6. alternative. [District Rule 4702]
- The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper 7. ok), roof overhang, or any other obstruction. [District Rule 4102]
- Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] 8.
- Emissions from this IC engine shall not exceed any of the following limits: 4.32 g-NOx/bhp-hr, 0.60 g-CO/bhp-hr, or 9. 0.23 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]

#### CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

WARNER, Director of Permit Services 2010 11:28AM - TOMS Joint Inspection NOT Require

### Conditions for C-6982-22-0 (continued)

- 10. Emissions from this IC engine shall not exceed 0.11 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
- 11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
- 12. This engine shall be operated at one location or site at a facility for no more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701 and 17 CCR 93115]
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- 16. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
- 17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]