



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street * Bishop, California 93514-2537

Tel:(760) 872-8211 * Fax:(760) 872-6109 * www.gbuapcd.org * email:gb1@greatbasinapcd.org

**THIS AUTHORITY TO CONSTRUCT EXPIRES TWO YEARS FROM THE DATE GRANTED!
THIS AUTHORITY TO CONSTRUCT IS NOT A PERMIT TO OPERATE!**

DATE AUTHORITY TO CONSTRUCT IS GRANTED: October 3, 2006 **ATC N^o: 1280-00-06**

GRANTED TO.....: Verizon Wireless
MAILING ADDRESS..: 255 Parkshore Drive, Building B
Folsom, CA 95630

EQUIPMENT ADDRESS: Verizon Wireless
Mammoth H.S. Cell Site
1601 Meridian Blvd.
Mammoth Lakes, CA 93546

EQUIPMENT DESCRIPTION FOR PERMIT: Emergency Standby Diesel Generator,
consisting of:


- 1 - John Deere diesel fired engine model 5030HF270B, Serial N^o, TBD
EPA N^o 4JDXL03.0064, Equipped with
Turbocharger and Aftercooler, Rated @ 96 bhp

AIR POLLUTION CONTROL EQUIPMENT: Open exhaust stack
The engine is subject to the new California Air Resources Board Air Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines, Title 17 CCR § 93115. The engine shall have limited non-emergency annual hours of operation and will not be test operated during school hours.

Total 712,400 Btu/hr

CONDITIONS: See the attached conditional approval, conditions 1 through 13.

A PERMIT TO OPERATE the above equipment will be issued only after an inspection to determine if the equipment has been constructed according to the approved plans and the equipment can be operated in compliance with the Rules and Regulations of the Great Basin Unified Air Pollution Control District. Notify the District at (760) 872-8211 when construction is complete and the equipment is ready for startup operation. It is the applicant's responsibility to comply with all laws, ordinances and regulations of other governmental agencies which are applicable to the applicant's operation.



Duane Ono
Deputy Air Pollution
Control Officer

Conditional Approval for Authority to Construct No. 1280-00-06

Verizon Wireless, Mammoth H.S. Site Cell Site
1606 Meridian Blvd., Mammoth Lakes, CA 93546

CONDITIONS: (Page 1 of 3)

1. The permittee shall notify the District in writing when construction is complete and the equipment is ready for startup operations. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted. Written start-up notification shall be given to the District office by Postal Service delivery or telephone facsimile transmission at least 72 hours prior to equipment start-up. Operation of this equipment without a written Permit to Operate is a violation of District Rule 200 B, and can result in civil and criminal penalties (H&S Code § 42400).
2. The "Right of Entry," as defined by California H&S Code § 41510 of Division 26, shall apply at all times. Representatives of the Great Basin Unified Air Pollution Control District upon presentation of credentials, shall be permitted to enter the project location to inspect and copy any record required to be kept under the terms of this permit. District staff shall also be permitted to inspect any equipment, work practices, air-emission-related activity or method dictated by this permit. If deemed necessary by the District to verify compliance with these conditions, the permittee, shall within 7 days notice be available to open any sample extraction port, or exhaust outlet for the purpose of conducting source tests or to collect samples. In enforcing the terms of this permit, any cost incurred in collecting samples, source testing and laboratory analysis fees shall be the responsibility of the permittee. (Origin of Condition: District Rule 302 Analysis Fee).
3. The permittee shall operate the diesel backup generator engine in compliance with the California Code of Regulations (CCR), Title 17 § 93115. A copy of the permit shall be maintained readily available at all times on the operating premises. [Origin of Condition: District Rule 200].
4. Because the engine has the potential to emit diesel PM at a rate greater than 0.09 g/bhp-hr, it shall not be operated more than 50 hours per year for maintenance. Operation of the engine beyond the 50 hours shall be allowed only by the events as defined in permit condition 6. Furthermore, the At-School and Near-School Provisions of the ATCM dictates that Verizon Wireless or their operator shall not operate an in-use stationary emergency standby diesel-fueled CI engine for non-emergency use, including maintenance and testing during the following periods:
 - (1) whenever there is a school sponsored activity, and
 - (2) between 7:30 a.m. and 3:30 p.m. on days when school is in session.

[Origin of Condition: Rule 210.A, Table 2, Title 17 CCR § 93115(e)(2)(B), & subsection (e)(2)(F)2.a.].
5. A non-resettable totalizer elapsed time meter shall be installed and maintained to indicate the cumulative hours of engine operation. (Origin of Condition: District Rule 210.A, Title 17, CCR § 93115).

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Verizon Wireless, Mammoth H.S. Site Cell
1606 Meridian Blvd., Mammoth Lakes, CA 93546

CONDITIONS: continued (page 2 of 3)

6. Emergency use of the engine is not limited and is defined in Title 17 CCR § 93115 as providing electrical power or mechanical work during any of the following events and subject to the following conditions:
- A. the failure or loss of all or part of normal electrical power service or normal natural gas supply to the facility:
 - (1) which is caused by any reason other than the enforcement of a contractual obligation the permittee has with a third party or any other party; and
 - (2) which is demonstrated by the permittee to the district APCO's satisfaction to have been beyond the reasonable control of the owner or operator;
 - B. the failure of a facility's internal power distribution system:
 - (1) which is caused by any reason other than the enforcement of a contractual obligation the permittee has with a third party or any other party; and
 - (2) which is demonstrated by the permittee to the district APCO's satisfaction to have been beyond the reasonable control of the owner or operator.

[Origin of Condition: Rule 210.A, Title 17 CCR § 93115(d)(25)].

7. The engine shall be fueled with CARB diesel fuel or an alternative diesel fuel that meets the requirements of the Standard of Motor Vehicle Fuel found in Title 13, CCR § 2281. Starting June 1, 2006, 15 parts-per-million sulfur content by weight or less shall apply in place of the 500 parts-per-million sulfur standard. The amount of sulfur dioxide exhausted to the atmosphere shall not exceed 0.2% by volume. The permittee shall keep records of the composition of purchased fuel. [Origin of Condition: District Rules 210 and 416, Title 13 CCR § 2281 and Title 17 CCR § 93115(e)(1)].
8. The permittee shall keep a monthly log of usage that shall list and document the nature of use for each of the following:
- A. emergency use hours of operation;
 - B. maintenance and testing hours of operation;
 - C. initial start-up hours;
 - D. hours of operation for all uses other than those specified above; and
 - E. for in-use emergency standby diesel-fueled engines, the fuel used. The owner or operator shall document fuel use through the retention of fuel purchase records that account for all fuel used in the engine and all fuel purchased for use in the engine, and, at a minimum, contain the following information for each individual fuel purchase transaction:
 - (1) identification of the fuel purchased as either CARB diesel, or an alternative diesel fuel that meets the requirements of the verification procedure, or an alternative fuel, or CARB diesel fuel used with additives that meet the requirements of the verification procedure, or any combination of the above;

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CONDITIONS: continued (page 3 of 3)

- (2) amount of fuel purchased;
 - (3) October 3, 2006 when the fuel was purchased;
 - (4) signature of owner or operator or representative of owner or operator who received the fuel; and
 - (5) signature of fuel provider indicating fuel was delivered.
- [Origin of Condition: Rule 210.A, Title 17 CCR § 93115(e)(4)(I)(1)].

9. Log entries shall be retained for a minimum of 36 months from the October 3, 2006 of entry. Log entries made within 24 months of the most recent entry shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request. Log entries made from 25 to 36 months from most recent entry shall be made available to District staff within 5 working days from request. [Origin of Condition: Rule 210.A, Title 17 CCR § 93115(e)(4)(I)(2)].
10. Visible exhaust stack emissions shall not exceed a Ringelmann I (20% opacity) for more than three minutes during any continuous one hour period. [Origin of Condition: Rule 400].
11. The generator engines shall not discharge into the atmosphere particulate matter in excess of 0.3 grains per dry standard cubic foot of exhaust gas. [Origin of Condition: Rule 404-A].
12. The permittee shall promptly notify the District in writing should they learn of or encounter conditions where toxic air emissions of concern are emitted and allowed to disperse into the ambient air. Toxic air emissions are those listed on the AB2588 list of substances. [Origin of Condition: CH&SC § 44321].
13. Severability Clause: If any provision of this permit is found invalid, such finding shall not affect any remaining provisions. [Origin of Condition: District Rule 107].



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Diesel-Fired Emergency/Standby (E/S) Engine Form

Maintain a separate form for each emergency/standby engine

	Verizon Wireless
	Shawn Stacey, Environmental Supervisor
	866.694.2515
	1280-00-06

	1601 Meridian Blvd. Mammoth Lakes, CA 93546
	John Deere diesel fired engine
	5030HF270B
	98 horsepower
	TBD

Initial Startup (Hours) _____

Reporting Year _____

Hour Meter Reading as of January 1st of the Reporting Year _____

January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						

