



Utah Division of Air Quality

Notice of Temporary Relocation of Portable Equipment

Form 15a

1. Contact Name: Michael Edwards

2. Company Name: W. W. Clyde & Co.

Mailing Address: 730 North and 1500 West

City, State, Zip: Orem, Utah 84057

Phone: Office: (801) 802-6913 or Cell: (801) 641-2117

Proposed New Relocation Site:

3. Site address and brief directions to get to the site: 10000 West 900 North, Ogden, Utah 84404

UTM Coordinates of the site: 397135.40 m East 4567760.96 m North

4. Closest City: Ogden 5. County: Weber County, Utah

6. Approximate distances from center of plant location to:
 Closest house/business: 2200 feet
 UTM Coordinate of house/business: 396341.34m East 4569802.36m North
 Closest National Park: 250 Miles, which National Park: Yellowstone National Park

The names of other air pollution sources within 1.5 miles from the plant as of today: Minerals Exaction and other construction sources.

Include aggregate plants, asphalt plants, concrete batch plants, and other construction sources:

Distance to nearest property boundary: 350 feet

7. In an effort to coordinate state and local regulations, all Temporary Relocations should be accompanied with a Conditional Use Permit from the applicable county or city zoning department:
 Date Conditional Use Permit issued: In process (submitted May 2, 2012)

8. Attach a site diagram to this form showing the dimensions, general pit location and the equipment location on site to scale (include locations of items filled out in numbers 4 and 6.)

9. Total hours of operation per 24 hour period: 16
 starting at: 6:00am ending at: 10:00pm

10. Maximum hourly production rate for project: 750 tons/hour

11.a: Expected Startup Date: <u>June, 2012</u>	11.b: Expected Completion Date: <u>June, 2013</u>
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12. Existing Approval Order(s) under which the equipment will operate at the proposed site: DAQE-AN0996008-06, DAQE-AN012680004-09, DAQE-AN0125750005-09, and DAQE-AN0140680001-07

13. All equipment to be operated at the proposed site:

Equipment Type: <u>Mobile Crusher</u> . Make/Model: _____ . Serial or ID #: _____ . Manufactured Date: _____ . Design Capacity: <u>600 tons/hour</u> .	Equipment Type: <u>Mobile Crusher</u> . Make/Model: _____ . Serial or ID #: _____ . Manufactured Date: _____ . Design Capacity: <u>750 tons/hour</u> .
Equipment Type: <u>3-Deck Screen</u> . Make/Model: <u>JCI</u> . Serial or ID #: <u>77-1028</u> . Manufactured Date: <u>2000</u> . Design Capacity: <u>7' x 20'</u> .	Equipment Type: <u>3-Deck Screen</u> . Make/Model: <u>JCI</u> . Serial or ID #: <u>77-1029</u> . Manufactured Date: <u>2003</u> . Design Capacity: <u>7' x 20'</u> .
Equipment Type: <u>Mobile Crusher</u> . Make/Model: <u>El Jay</u> . Serial or ID #: <u>N/A</u> . Manufactured Date: <u>N/A</u> . Design Capacity: <u>54"</u> .	Equipment Type: <u>Generator</u> . Make/Model: <u>Caterpillar</u> . Serial or ID #: <u>N/A</u> . Manufactured Date: <u>N/A</u> . Design Capacity: <u>900 kW</u> .
Equipment Type: _____ . Make/Model: _____ . Serial or ID #: <u>N/A</u> . Manufactured Date: <u>N/A</u> . Design Capacity: _____ .	Equipment Type: <u>Generator</u> . Make/Model: <u>Caterpillar</u> . Serial or ID #: <u>N/A</u> . Manufactured Date: <u>N/A</u> . Design Capacity: <u>1500 kW</u> .
Equipment Type: <u>Generator</u> . Make/Model: <u>Caterpillar</u> . Serial or ID #: <u>N/A</u> . Manufactured Date: <u>N/A</u> . Design Capacity: <u>900 kW</u> .	Equipment Type: <u>Miscellaneous Support</u> . Equipment (See AO Equipment List) _____ . Make/Model: _____ . Serial or ID #: _____ . Manufactured Date: _____ . Design Capacity: _____ .

Equipment list will be used by Compliance Inspectors on site visits.

The kind of equipment to list: crushers, screens, generators, asphalt batch plants, and concrete batch plants, incinerators, etc. (Include any grandfathered* equipment) .

Various associated support equipment such as conveyors, loaders, dozers, water pumps, water trucks, haul trucks, and service trucks do not need to be listed individually.

*Grandfathered equipment is that equipment which existed or operated in Utah prior to November 29, 1969, and did not require an Approval Order. Modifications made to the equipment, replacement of equipment, or relocation of equipment after November 29, 1969, invalidates the grandfathered status of the equipment, and such equipment will need to be approved (listed in a valid Approval Order) prior to relocation.

14. Previous site location for this equipment: 9 Mile, Price, Utah

Operation dates at prior location: Startup: May 2010 Completion: December, 2011

Previous (within the past 12 months from the proposed date of relocation) relocations to the same site for any equipment (including equipment listed in this form) owned by the same company: (A complete list is required: Attach additional sheets if necessary)

Equipment: NA Startup: _____ Completion: _____

15. Fugitive Dust Control Plan (FDCP)

Instructions: All sources are required to control fugitive dust from the processes listed below. For processes covered in an Approval Order (AO), the source may be required to adopt additional control measures beyond that stated in the AO based on site-specific conditions. Fill in "N/A" if the process is not applicable to your temporary relocation. For proposal to operate the process under the controls stated in the AO, fill in the applicable "AO condition number". For proposal to operate the process under additional controls beyond that stated in the AO, fill in the applicable "AO condition number" and state additional fugitive dust control measures that are proposed. If the process listed is applicable but is not covered in the AO, state the proposed fugitive dust control measures (attach additional sheets as necessary). The Division of Air Quality (DAQ) may require the sources to modify the proposed FDCP prior to issuing the Temporary Relocation Approval (TRA) letter. The FDCP for each location must address the following, if applicable:

1. Material storage: Appendix B
2. Material handling: Appendix B
3. Material Processing: Appendix B
4. Road ways and yard areas: Appendix A & B
5. Loading and dumping materials: Appendix B
6. Hauling materials: Appendix B
7. Drilling, blasting, and pushing operations: N/A
8. Clearing and leveling: N/A
9. Earth moving and excavation: N/A
10. Tailing piles and ponds: N/A
11. Exposed surfaces: Appendix A & B
12. Surface mining operations: N/A

Enhanced Emissions Control Measures (EECMs): Enhanced control measures are those emission control measures that the source may be required to adopt during temporary relocation to a site. DAQ may require the source to adopt EECMs while operating in certain locations where particulate emissions are of more concern (e.g., Salt Lake, Utah, and Weber Counties, which are non-attainment areas for PM₁₀). The source may volunteer to adopt EECMs in order to operate at capacities higher than the maximum capacity that would be allowed under the "base" emissions controls required in the Approval Order and the generic modeling performed by DAQ. Some options for EECMs are provided below. The source is welcome to contact an engineer at the New Source Review Section, DAQ, to discuss further options (attach additional sheets for other EECMs if necessary).

Haul Roads (circle options 1 or 2 and/or 3):

(The minimum control required in the Approval Order as BACT is 80%, which requires application of water sprays to ensure damp/moist condition and 15 mph posted speed limit)

1. 85% efficiency by application of water sprays to ensure damp/moist condition and 10 mph posted speed limit
2. 90% by application of water sprays on coarse aggregate spread on the haul road to ensure damp/moist condition, and 10 mph posted speed limit
3. Reducing the length unpaved haul road from a maximum of 0.25 miles (each way); Proposed unpaved haul road length (less than 0.25 miles):

Open Areas (check if this option is proposed)

50 % reduction in particulate emissions from open areas for coat of aggregate


Pre-wetting of aggregates at least 12 hours prior to hauling to the plant (check if this option is proposed)

20% reduction in total particulate emissions from the plant

Other Innovative Emission Reduction Strategies

1. Berming of at least 180 degrees of the area surrounding the pit for a height at least equal to the height of the highest transfer point shall be considered as 15% reduction in total particulate emissions from the plant
2. Trees surrounding the pit: Particulate emissions credit given on a case-by-case basis
3. Other options (describe control strategy and anticipated reduction in emissions)

16. Owner/Operator Representative: Michael Edwards, Environmental Engineer, Clyde Companies, Inc.


Signature

May 7, 2012
Date