Dust Control Permit

ATTENTION: OTAGO DEVELOPMENT, INC.
1048 N 44TH ST STE 207
PHOENIX, AZ 85008

PERMIT NUMBER: E190879
ISSUE DATE: 04/03/19
EXPIRATION DATE: 04/03/20

PROJECT INFORMATION:
- Project Acreage: 203.63
- Project Type: RESIDENTIAL
- Project Start Date: 04/08/19
- Reno Demo Start Date: 00/00/00
- Neshap Notif. Submit Date: 00/00/00
- Neshap Determiner Date: 00/00/00
- Neshap Determiner Name: 

SITE INFORMATION:
- Site Address 1: SWC RAY RD & CRISMON RD
  MESA, AZ 85212-
- Cross Streets: CRISMON RD
  RAY RD
- Site Loc: D01072700
- Parcel #: 30437039

CONDITIONS:
1) A copy of the approved dust control plan and permit must be available on site.
2) The approved dust control plan, including the federally approved best available control measures (BACMs) must be implemented.
3) A dust control plan that has been determined ineffective by the Department shall be revised within 3 working days of notification.
4) Any activity not identified in the dust control plan is not covered by this permit.
5) Any haul truck carrying bulk material shall be required to cover the load with a tarp or other suitable enclosure.
6) All Dust Control permits shall be renewed annually, if the project has not been completed. Applications for permit renewal shall be submitted no later than 14 days prior to the expiration date of the original permit.
7) An Asbestos/NESHAP notification is required for demolition of structures.
8) No activity shall discharge into the ambient air emissions in excess of 20% opacity.

ANY PERSON WHO VIOLATES ANY OF THESE CONDITIONS MAY BE SUBJECT TO CIVIL OR CRIMINAL PENALTIES PURSUANT TO ARIZONA REVISED STATUTES (A.R.S.) 49-502 OR 49-514.
### Dust Control Permit Application Package, Section 1: Dust Control Permit Application Form

**Important**: Please note that email will be our primary means for routine communication with you, unless you do not have an email account. Please be sure that your email address is entered correctly.

<table>
<thead>
<tr>
<th>Approved By:</th>
<th>Date Issued:</th>
<th>Permit Number:</th>
<th>E190879</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>APPROVED</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>By Mark Dunnigan at 3:25 pm, Apr 03, 2019</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Provide an email address where we can send the permit, for faster service: bnieves@otagogc.com

Did you receive a no-permit violation?  ☐ Yes ☐ No

If yes, enter the permit number given by the inspector:

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Questions? Click on the Yellow Question Marks for Additional Instructions

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#### Permit Application Form, Part A: Applicant Information

1. **Applicant**

   - Relationship to property (Check all that apply):
     - [ ] Property Owner
     - [ ] General/Prime Contractor
     - [ ] Developer
     - [ ] Lessee

   - **Type of Entity**: Corporation
   - **Name**: Otago Development Inc.
   - **Address**: 1048 N. 44th Street, Suite 207
   - **City**: Phoenix
   - **State**: Arizona
   - **Zip**: 85008
   - **Phone**: (480) 820-8590
   - **E-Mail Address**: bnieves@otagogc.com

2. **Applicant: President/Owner**

   - **Name**: Otago Development, Inc.
   - **Address**: 1048 N. 44th Street, Suite 207
   - **City**: Phoenix
   - **State**: AZ
   - **Zip**: 85008
   - **Phone**: (480) 820-8590
   - **E-Mail Address**: sochoa@otagogc.com

3. **Is the Applicant a wholly owned subsidiary of another Company?**
   - [ ] Yes
   - [ ] No
   - ?

4. **Is the Applicant the Property Owner or Developer?**
   - [ ] Yes
   - [ ] No
   - ?

   **Owner/Developer Information**
   - **Type of Entity**: Limited Liability Company or Partnership

   - **Name**: PPGN-CORE, LLP
   - **Address**: 17700 N. Pacesetter Way, #100
   - **City**: Scottsdale
   - **State**: AZ
   - **Zip**: 85255
   - **Phone**: (480) 348-1118
   - **Fax**: 
   - **Contact Person**: Tim Brislin
   - **Contact Person Phone**: (480) 348-1118
   - **Contact Person E-Mail Address**: tb Brislin@harvardinvestments.com

5. **Primary Project Contact**

   - **Name**: John Nagel
   - **E-Mail Address**: jnagel@otagogc.com
   - **Title**: Director of Land Development
   - **Company Name**: Otago Development, Inc.
   - **On-Site Phone**: (602) 708-0854
   - **Mobile**: (602) 169-0858
   - **Fax**: (480) 820-8621

6. **Dust Control Coordinator**

   - **Any site of 5 acres or more must have a dust control coordinator**
   - **Is the site 5 acres or more?**
     - [ ] Yes
     - [ ] No
**Permit Application Form, Part B: Project Information**

7. **Name of Project:** Cadence at Gateway DU2 South, DU4

8. **Project Location**
   - **Address:** SWC of Ray Road & Crismon Road
   - **City:** Mesa
   - **State:** AZ
   - **Zip:** 85212

   **Nearest Major Cross Street North/South:** Crismon Road
   **Nearest Major Cross Street East/West:** Ray Road
   **County Assessor’s Parcel Number(s) [required]:** 304-37-039; 304-34-973; 304-35-004Z; 304-34-972; 304-35-977
   **Master Plan Community Number(s) [if applicable]:**
   **Geographic Coordinates (XY coordinates of site entrance):** 33.310674 / 111.622384

9. **Project Location by Township (N or S), Range (E or W), Section (1-36):**
   - **Township:** 1S
   - **Range:** 7E
   - **Section:** 27

10. **Brief Project Description:** Single Family Residential

11. **Size of Project and Estimated Bulk Materials (See Instructions and Rule 310, Section 203):**
   - **Total acres that will be disturbed throughout the duration of this Permit, including staging areas, stockpiles, access and haul roads, parking, driveways, and temporary storage yards:** 203.63 acres
   - **Estimated cubic yards of Bulk Material to be imported/exported:** 65000 cy

12. **Project Site Drawing (NOTE: A Dust Control Permit will not be issued unless a drawing is submitted):**
   - **Attach a Site Drawing. Include on the site drawing:**
     - Entire project site boundaries
     - Nearest main crossroads
     - North arrow
     - Area to be disturbed, with linear dimensions
     - Access point(s) onto paved areas accessible to the public
   - **?**

13. **Is this a Re-application?**
   - **Yes**
   - **Previous Permit #**
   - **No**

14. **Estimated Project Start Date:** April 8, 2019

15. **Estimated Project Completion Date:** April 30, 2021

**Permit Application Form, Part C: Asbestos NESHAP Information**

16. **Asbestos NESHAP Notification requirements**

   **Definitions**
   - **Demolition:** The wrecking or tearing out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of a facility.
   - **Renovation:** Altering a facility or one or more facility components in any way, including the stripping or removal of Regulated Asbestos Containing Material (RACM) from a facility component.
16a. Does the Project include any demolition or renovation?  
☐ Yes  ☐ No

17. Certification by a Responsible Official of the Applicant

A Responsible Official of the Applicant is the person who will be contacted or named in any enforcement action initiated by the Maricopa County Air Quality Department or the Maricopa County Attorney's Office. Pursuant to Rule 310, Section 401.3, the signature on the Dust Control Permit Application shall constitute agreement to accept responsibility for meeting the conditions of the Dust Control Permit and for ensuring that control measures are implemented throughout the project site and during the duration of the project.

Arizona Revised Statute § 13-2704 makes it a criminal offense to knowingly make a false material statement to a public servant in connection with an application for any benefit, privilege, or license.

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the Dust Control Permit Application, including Applicant Information, Project Information, and the Dust Control Plan, are true, accurate and complete.

Signature*:  
*Note: A signature is not required if this form is submitted online.

Printed Name: Stephen Ochoa  
Title: President

Date: 3-28-19

18. Application Completed by (if other than Signatory):

Signature:  

Printed Name: Barb Nieves  
Title: Development Coordinator

Phone: 480-820-8590  
Fax: 480-820-8621

Email Address: bnieves@otagoge.com

Date: 3-28-19

Save your work! Changes to this form will be lost if you exit the form without saving it first.

Remember to complete the Dust Control Plan. Your Dust Control Permit Application Package is not complete unless it is accompanied by a Dust Control Plan.

After both the Dust Control Application and the Dust Control Plan have been completed and saved, the Dust Control Permit Application Package and payment may be submitted online. Instructions are on the online submittal web page.
The following will become the dust control plan that will be followed for the project named in this permit. Once fully completed and approved, this Dust Control Plan must be posted on-site with the Dust Control Permit and supplied to all contractors and subcontractors.

**Primary and Contingency Control Measures**

Every category (except Category A) and/or sub-category requires at least one Primary control measure and at least one Contingency control measure. Contingency control measures are the back-up or secondary action(s) that need to be implemented immediately when the primary control measure(s) fail to adequately control dust emissions at the named project.

To indicate your choice, select them in the drop-down lists next to "primary" or "contingency." To add additional measures, click "Add Primary" or "Add Contingency" to the right of the drop-downs. To remove measures, click "Remove Primary" or "Remove Contingency" to the right of the drop-downs.

**Required Control Measures**

Some categories have required control measures. Every control measure with a description that begins with "Required" is a required control measure. In addition to the required primary measure(s), at least one contingency measure must be chosen for these dust-generating operations if they are applicable to your project (except in Category A).

Categories and/or sub-categories that are not applicable

In some categories, when a category and/or sub-category does not apply to the named project, this must be acknowledged by completely filling out the final entry in the category and/or sub-category. An explanation must be supplied for why the category and/or sub-category is not applicable. Simply writing "NA" or "not applicable" is not sufficient.

"Other" as a Primary Dust Control Measure

If 'Other' is selected as a primary dust control measure in any section of this Plan, then the measure must clearly meet the requirements of Rule 310 for any dust-generating operation. Attach a separate sheet, if needed, for the description. MCAQD will apply the following minimum criteria when evaluating any unlisted dust control measures:

- The dust control measure technique is new or alternative technology that is demonstrated to be equally or more effective in meeting the dust control requirements than the existing dust control measures provided in the Dust Control Permit Application;
- Site logistics do not practically allow for implementation of a listed dust control measure as written (e.g., road width or pre-existing barriers limit the size or width of a gravel pad); and
- The owner and/or operator demonstrates that a listed dust control measure is technically infeasible due to site-specific or material-specific conditions, such that implementation of the dust control measure will not provide a benefit in reducing fugitive dust (e.g., pre-soaking screened, washed rock when handling).

After your Dust Control Permit Application has been approved, you must post your Dust Control Permit along with this Dust Control Plan on-site, as required by Rule 310, Section 409.

**Category A: Wind-Blown Dust**

If wind conditions cause fugitive dust to exceed the 20% opacity requirement (Rule 310, Section 303.1(a)), then the following actions must be performed.

NOTE that there must be a plan to address a possible wind-blown dust event when no one is on site, such as on a weekend or a holiday.

<table>
<thead>
<tr>
<th>Required: Ensure that all control measures and requirements of the Dust Control Plan are implemented and that violations cannot be prevented by better application, operation, or maintenance of these measures and requirements.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required: Cease dust-generating operations.</td>
</tr>
<tr>
<td>Required: Stabilize any disturbed surface area (as specified in Rule 310, Section 304.3). Select one or more of the following stabilization methods:</td>
</tr>
<tr>
<td>☑ Maintain a soil crust. ☐ Maintain a threshold friction velocity (TFV) for disturbed surface areas corrected for non-erodible elements of 100 cm/second or higher.</td>
</tr>
<tr>
<td>☐ Maintain a vegetative ground cover. ☐ Other:</td>
</tr>
<tr>
<td>Required: Compile records consistent with Rule 310, Sections 502 and 503 and document the implementation of control measures and other Dust Control Plan requirements.</td>
</tr>
</tbody>
</table>
Category B: Will Vehicles/Motorized Equipment Be Used on Either of the Following?

B.1 Will Vehicles/Motorized Equipment Be Used on Unpaved Staging Areas, Unpaved Parking Areas, and/or Unpaved Storage Areas?

<table>
<thead>
<tr>
<th>Primary</th>
<th>Apply water (complete Water Supply and Application at the end of this Plan)</th>
<th>Add Primary</th>
<th>Remove Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>Other (specify below)</td>
<td>Add Contingency</td>
<td>Remove Contingency</td>
</tr>
<tr>
<td>Other:</td>
<td>Cease Operations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B.2 Will Vehicles/Motorized Equipment Be Used on Unpaved Access Areas/Haul Roads?

Primary: Apply water (complete Water Supply and Application at the end of this Plan) | Add Primary | Remove Primary |
| Contingency: Cease operations (Note: this option may not be used as a primary control measure) | Add Contingency | Remove Contingency |

Category C: How Will Disturbed Surface Areas Be Stabilized During Each of the Following Time Periods?

Disturbed surface areas may include parking, staging, and stockpiling areas, as well as driving over previously undisturbed areas.

C.1 Before Active Operations Occur

Primary: Pre-water site to depth of cuts, allowing time for water to penetrate | Add Primary | Remove Primary |
| Contingency: Other (specify below) | Add Contingency | Remove Contingency |
| Other: Cease Operations | | |

C.2 During Active Operations

Primary: Apply water to keep soil visibly moist (Complete Water Supply & Appl. at end of Plan) | Add Primary | Remove Primary |
| Contingency: Other (specify below) | Add Contingency | Remove Contingency |
| Other: Cease Operations | | |

C.3 During Any Inactive Period, of Any Length, 24 Hours per Day, Seven Days per Week (including Weekends, after Work Hours, and Holidays)

Primary: Apply water (see below & complete Water Supply and Application at end of this Plan) | Add Primary | Remove Primary |
| Contingency: Other (specify below) | Add Contingency | Remove Contingency |

If "Apply water..." is selected for item C3, water must be applied with the following frequencies.

Disturbed Surface Areas: Three times per day, increased to a minimum of four times per day if there is evidence of wind-borne dust.

Open Storage Piles (temporarily disturbed): At least twice per hour in a PM10 nonattainment area; at least once per hour in a PM10 attainment area.

Other: Cease Operations

Restrict Access

C.4 Permanent Stabilization of Disturbed Surface Areas

NOTE: These measures must be completed within ten days following the completion of the dust-generating operation (if the operation is finished) or following the suspension of the dust-generating operation (if it is suspended for a period of 30 days or longer).

Primary: Establish vegetative ground cover (landscaping) | Add Primary | Remove Primary |
| Contingency: Apply and maintain gravel, recycled asphalt, or other suitable material | Add Contingency | Remove Contingency |

Category D: Bulk Material Handling

Note: The requirements in this section are in addition to the track-out control and cleaning requirements in Section E (below).

/
D.1 Will Materials be Hauled from the Site onto or crossing Areas Accessible to the Public?  

<table>
<thead>
<tr>
<th>Contingency</th>
<th>Apply water to the top of the load</th>
<th>Add Contingency</th>
<th>Remove Contingency</th>
</tr>
</thead>
</table>

Required when a cargo compartment is loaded: Cover haul trucks with a tarp or other suitable closure, AND load all haul trucks such that the freeboard is not less than 3 inches, AND load all haul trucks such that at no time shall the highest point of the bulk material be higher than the sides, front, and back of the cargo container area, AND prevent spillage or loss of bulk material from holes or other openings in the cargo compartment.

Required when a cargo compartment is empty: Cover haul trucks with a tarp or other suitable closure OR clean the interior of the cargo compartment before leaving the site.

NOTE: The following options CANNOT be considered for a primary control measure.

D.2 Will Materials be Hauled or Transported within the Boundaries of the Work Site (but will not cross an Area Accessible to the Public)?

<table>
<thead>
<tr>
<th>Primary</th>
<th>Apply water to the top of the load</th>
<th>Add Primary</th>
<th>Remove Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>Cease operations (Note: this option may not be used as a primary control measure)</td>
<td>Add Contingency</td>
<td>Remove Contingency</td>
</tr>
</tbody>
</table>

If materials will be hauled or transported within the work site by travelling along the side of the work site, and the area where the materials will be hauled is not barricaded to prevent public access, then answer YES to this question.

If materials will be hauled or transported within the work site by travelling across an area accessible to the public, then answer YES to this question.

Required: Load all haul trucks such that the freeboard is not less than 3 inches AND load all haul trucks such that at no time shall the highest point of the bulk material be higher than the sides, front, and back of the cargo container area AND prevent spillage or loss of bulk material from holes or other openings in the cargo compartment AND install suitable trackout control device.

NOTE: The following options CANNOT be considered for a primary control measure.

D.4 Will Bulk Materials be Loaded, Unloaded, and/or Stacked?

<table>
<thead>
<tr>
<th>Primary</th>
<th>Apply water (complete Water Supply and Application at the end of this Plan)</th>
<th>Add Primary</th>
<th>Remove Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>Cease operations (Note: this option may not be used as a primary control measure)</td>
<td>Add Contingency</td>
<td>Remove Contingency</td>
</tr>
</tbody>
</table>

D.5 Will there be Open Storage Files for Any Amount of Time?

<table>
<thead>
<tr>
<th>Primary</th>
<th>Apply water to maintain soil moisture (See note below)</th>
<th>Add Primary</th>
<th>Remove Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>Other (specify below)</td>
<td>Add Contingency</td>
<td>Remove Contingency</td>
</tr>
</tbody>
</table>

Minimum soil moisture must be 12%, or at least 70% of the optimum soil moisture content for areas that have an optimum moisture content of less than 12%. See Rule 310, Section 305.11(b)(2) for details.

Other: Cease Operations
This Dust Control Plan must be submitted with a Dust Control Permit Application. See Dust Sources or call (602) 506-6010 for more information

### Category E: Trackout, Carry-out, Spillage, and Erosion

**E.1 Cleaning**

- Trackout/carry-out must be cleaned up immediately if trackout/carry-out extends a cumulative distance of 25 linear feet or more along a paved area accessible to the public (including curbs, gutters, and sidewalks).
- All other trackout/carry-out must be cleaned up no later than the end of the work day. (End of Work Day is the end of the working period that may include one or more work shifts. If working 24 hours a day, the end of a working period shall be considered no later than 8:00 p.m.)

<table>
<thead>
<tr>
<th>Primary</th>
<th>Manually sweep up deposits</th>
<th>Add Primary</th>
<th>Remove Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingency</td>
<td>Operate a street sweeper or wet broom (See note below)</td>
<td>Add Contingency</td>
<td>Remove Contingency</td>
</tr>
<tr>
<td></td>
<td>Operate a street sweeper or wet broom with sufficient water and at the manufacturer's recommended speed (e.g., kick broom, steel bristle broom, Teflon broom, vacuum)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E.2 Trackout Control Device**

- Does this site have 2 or more acres of disturbed surface area? [ ] Yes [ ] No
- Will 100 or more cubic yards of bulk material be hauled on-site or off-site each day? [ ] Yes [ ] No

Required: Install, maintain, and use, at all exits to an area accessible to the public, a suitable trackout control device that controls and prevents trackout and/or removes particulate matter from tires and the exterior surfaces of haul trucks and/or motor vehicles that traverse the site. Choose at least one of the following:

- Gravel pad
- Grizzly or rumble grate
- Wheel wash system
- Paved area

**Category F: Grading**

Mass grading is grading on a large scale over a large area prior to precise grading of individual lots or preliminary grading of final pads. It typically alters the ground contours through cutting and filling of soils to bring them within two vertical feet of the site’s final grade elevations.

Fine grading is precise grading of individual lots and/or grading of final pads. It typically does not involve importing or exporting of materials beyond trench and fine grading spoils.

**F.1 Will there be any mass grading on this site?** [ ] Yes [ ] No

*Complete Water Supply and Application information at the end of this Plan.*

**F.2 Will there be any fine grading on this site?** [ ] Yes [ ] No

*Complete Water Supply and Application information at the end of this Plan.*

### Category G: Underground Utilities, Structure Excavation, and Vertical Construction

Structure excavation includes excavation for stem walls, footings, culverts, abutments, cassons, etc.

**G.1 Will there be any underground utilities installed or prepared and/or any excavation done for structures to be built on the site?** [ ] Yes [ ] No

*Complete Water Supply and Application information at the end of this Plan.*

**G.2 Will there be any vertical structures built on this site?** [ ] Yes [ ] No

*Complete Water Supply and Application information at the end of this Plan.*

### Category H: Demolition Activities

Demolition activities are the wrecking and/or removal of any supporting structural member of a facility and any related handling operations. They include activities such as removal of walls, stucco, concrete, freestanding structures, buildings, load-bearing walls, and transit pipes.

**Will there be any demolition activities on this site?** [ ] Yes [ ] No

Maricopa County Dust Control Permit Application Package - DUST CONTROL PLAN (Revised 24Jan19)
This Dust Control Plan must be submitted with a Dust Control Permit Application. See Dust Sources or call (602) 506-6010 for more information.

Category I: Weed Abatement by Discing or Blading

Will there be any weed abatement by discing or blading on this site? [ ] Yes [ ] No

I.1. Disturbance Operations before and during Weed Abatement

Required: Pre-water site AND apply water during weed abatement by discing or blading. (Complete Water Supply and Application, at the end of this Plan.)

NOTE: The following options CANNOT be considered for a primary control measure.

<table>
<thead>
<tr>
<th>Contingency</th>
<th>Cease operations (Note: this option may not be used as a primary control measure)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Add Contingency</td>
</tr>
</tbody>
</table>

I.2. Stabilization following Weed Abatement

<table>
<thead>
<tr>
<th>Primary</th>
<th>Apply water (Complete Water Supply and Application at the end of this Plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Add Primary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contingency</th>
<th>Establish vegetative groundcover (landscaping)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Add Contingency</td>
</tr>
</tbody>
</table>

Category J: Blasting Operations

[ ] Yes [ ] No

Category K: Water Supply and Application

SOIL TEXTURE: If the soil on the work site has been tested, then you should rely on the test results to complete the table and you should attach a copy of the site soil report to this application.

If the soil on the work site has not been tested, then use Appendix F in the Maricopa County Air Pollution Control Regulations to complete the table below. [WARNING: If you have this form open in a web browser, be sure to save your work and then open Appendix F in a new window. Otherwise, you may lose your work. For Appendix F, go to: http://www.maricopa.gov/DocumentCenter/View/5309.]

<table>
<thead>
<tr>
<th>Texture of soil naturally present on work site</th>
<th>Texture of soil to be imported to work site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Type</td>
<td>?</td>
</tr>
</tbody>
</table>

Water Source(s): Please list ALL water supplies that will be used at any point throughout the duration of the project. [Add as many as needed using the Add Source buttons on the right.]

<table>
<thead>
<tr>
<th>Source</th>
<th>Water Source</th>
<th>Qty</th>
<th>Size</th>
<th>Add Source</th>
<th>Remove Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pond</td>
<td>Qty 1</td>
<td>500,000 gal</td>
<td>Add Source</td>
<td>Remove Source</td>
<td></td>
</tr>
<tr>
<td>Metered Hydrant</td>
<td>Qty 2</td>
<td>Standard as required</td>
<td>Add Source</td>
<td>Remove Source</td>
<td></td>
</tr>
<tr>
<td>Other (specify below)</td>
<td>Qty 1</td>
<td>8000 Gallons</td>
<td>Add Source</td>
<td>Remove Source</td>
<td></td>
</tr>
</tbody>
</table>

Other Source: Water Pull | Qty 1 | 8000 Gallons | Add Source | Remove Source |

Water Method(s) of Application: Please list ALL water application methods that will be used at any point throughout the duration of the project. [Add as many as needed using the Add Method buttons on the right.]

<table>
<thead>
<tr>
<th>Method</th>
<th>Water Truck</th>
<th>Qty 2</th>
<th>Size 2000 gal</th>
<th>Add Method</th>
<th>Remove Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pull</td>
<td>Qty 1</td>
<td>8000 gal</td>
<td>Add Method</td>
<td>Remove Method</td>
<td></td>
</tr>
</tbody>
</table>

Attention: The permit holder is required to supply the minimum daily amount of water for each phase listed below. Failure to allow this amount may lead to a violation and associated fines. Furthermore, regardless of the minimum amount of water that is required, the owner and/or operator of the job site shall never cause or allow fugitive dust emissions to exceed 20% opacity. [See Rule 310, Section 303(1)(a).]

<table>
<thead>
<tr>
<th>Category (Section from Dust Plan, above)</th>
<th>Average Daily Disturbed Area (in Acres) for this Phase</th>
<th>Required Minimum Amount of Water Available for this Phase of the Project</th>
</tr>
</thead>
</table>

Maricopa County Dust Control Permit Application Package - DUST CONTROL PLAN (Revised 24Jan19)
**DUST CONTROL PERMIT APPLICATION PACKAGE, SECTION 2: DUST CONTROL PLAN**

<table>
<thead>
<tr>
<th>Category</th>
<th>Activity Description</th>
<th>Value</th>
<th>Requirement Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2: Disturbed Surfaces (During Active Operations)</td>
<td>10</td>
<td>2 - 10 Acres Daily Minimum Requirement 750 - 3,500 Gallons</td>
<td></td>
</tr>
<tr>
<td>C3: Disturbed Surfaces (During Inactive Periods)</td>
<td>10</td>
<td>2 - 10 Acres Daily Minimum Requirement 750 - 3,500 Gallons</td>
<td></td>
</tr>
<tr>
<td>F2: Fine Grading</td>
<td>2</td>
<td>0 - 2 Acres Daily Minimum Requirement 500 - 1,000 Gallons</td>
<td></td>
</tr>
<tr>
<td>G1: Underground Utilities/Structure Excavation</td>
<td>10</td>
<td>2 - 10 Acres Daily Minimum Requirement 1,000 - 5,000 Gallons</td>
<td></td>
</tr>
<tr>
<td>I1: During Weed Abatement</td>
<td>10</td>
<td>2 - 10 Acres Daily Minimum Requirement 1,000 - 5,000 Gallons</td>
<td></td>
</tr>
<tr>
<td>I2: Stabilization following Weed Abatement</td>
<td>10</td>
<td>2 - 10 Acres Daily Minimum Requirement 1,000 - 5,000 Gallons</td>
<td></td>
</tr>
</tbody>
</table>

**Category D4: Bulk Material Loading, Unloading & Stacking**

<table>
<thead>
<tr>
<th>Activity Description</th>
<th>Value</th>
<th>Requirement Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Yards to be Imported/Exported</td>
<td>65,000</td>
<td>Multiply by 30 gallons per yard; Result appears in next column</td>
</tr>
<tr>
<td>Equals Total Gallons of Water Required</td>
<td>1,950,000</td>
<td>30</td>
</tr>
<tr>
<td>Number of Days of Importing/Exporting Operations</td>
<td>30</td>
<td>Divide Total Gallons Required by Number of Days; Result appears in next column</td>
</tr>
<tr>
<td>Required Minimum Number of Gallons per Day Available</td>
<td>65,000</td>
<td></td>
</tr>
</tbody>
</table>

**Category F1: Mass Grading (from Dust Plan, above)**

<table>
<thead>
<tr>
<th>Activity Description</th>
<th>Value</th>
<th>Requirement Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Disturbance (in Acres) for This Phase</td>
<td></td>
<td>NOTE: Mass Grading water requirements differ depending on the time of year—complete both sections if necessary</td>
</tr>
<tr>
<td>Required Minimum Amount of Water Available for this Phase of the Project</td>
<td></td>
<td>= Average Daily Disturbance X Daily Minimum Gallons Required</td>
</tr>
<tr>
<td>F1: Mass Grading (November-February)</td>
<td>0</td>
<td>Required minimum amount of water = 5,000 gallons/acre/day &amp; 30 gallons/cubic yard of material moved</td>
</tr>
<tr>
<td>F1: Mass Grading (March-October)</td>
<td>10</td>
<td>Required minimum amount of water = 10,000 gallons/acre/day &amp; 30 gallons/cubic yard of material moved</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100,000</td>
</tr>
</tbody>
</table>

Click the button below to check to see if required fields have been completed. If any required fields need attention, follow the instructions in the pop-up boxes and complete any parts of the form highlighted in orange.

If no messages are received after clicking the button below, then all required fields have been completed.

NOTE: This process does **not** check for completion of any additional boxes that popped up based on your choices.

[Check Form for Required Fields]
Maricopa County
501 North 44th St
Suite 200
Phoenix, AZ 85008
602-506-3301

Cntr 729/1   03/28/19-A   2:08pm
Guests 1 JV
Reference# 26848710729

-------------------------
1...100Acre Less500 Dust Ctntr 9635.00
Fee
| 1 e190879

Items  9635.00
Tax     .00

TOTAL  9635.00

Check  9635.00

1.336
Check 729 PAID  2:08pm AQ-W-1B#1-A