

**MARICOPA COUNTY
AIR QUALITY
DEPARTMENT**



**301 W Jefferson St, Suite 410
Phoenix, AZ 85003
602-506-6010**

Dust Control Permit

**ATTENTION: ARCO National Construction LLC
900 N Rock Hill Rd
St Louis, MO 63119**

**FACILITY ID: F049117
ISSUE DATE: 11/20/2025
EXPIRATION DATE: 11/21/2026**

PROJECT INFORMATION:

Project Acreage: 21.91
Project Name: KTEC Phoenix
Project Type: Commercial / Industrial
Project Start Date: 11/12/2025

SITE INFORMATION

Site Address 1: 33.55043/-112.42162
Parcel #: 501-04-009Z

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 must be implemented.
3	Alterations to dust-generating activities, control measures, or site layout shall result in the submission of an updated dust control plan.
4	Any haul truck carrying bulk material offsite shall be required to cover the load with a tarp or other suitable enclosure.
5	All Dust Control permits shall be reapplied for annually if the project has not been completed and over 0.1 acres of disturbed surface area remains. Permit reapplications shall be submitted no later than 14 days prior to the expiration date of the original permit.
6	Written dust control records shall be recorded on each day that dust-generating operations are conducted.
7	No activity shall discharge into the ambient air emissions in excess of 20% opacity.
8	Trackout greater than 25 cumulative feet in length shall be cleaned immediately. Trackout less than 25 feet in length shall be cleaned by the end of the work day.
9	All unpaved areas shall meet the stability requirements in Rule 310 Section 304.

ANY PERSON WHO VIOLATES ANY OF THESE CONDITIONS MAY BE SUBJECT TO CIVIL OR CRIMINAL PENALTIES PURSUANT TO ARIZONA REVISED STATUES (A.R.S) 49-502 OR 49-514.

Dust Control Application D0062461

Application Status: Active

Submitted Date: 11/12/2025

Block Permit: No

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.

Provide an email address where we `chi@desertservices.net`
can send the permit:

Name: Chi Ejimofor

Phone: (304) 216-8700

Did you receive a no-permit violation?

Yes

No

Permit Application Form, Part A: Applicant Information

Applicant

Please provide information about the legal entity (company or individual working as an individual) that is applying for the permit.

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

Type of Entity: Corporation

Name of company or individual ARCO National Construction LLC
working as an individual:

Address 1: 900 N Rock Hill Rd

Address 2:

City: St Louis

State: Missouri

Zip: 63119

Phone: 6305999100

E-Mail Address:

Applicant President/Owner

First Name:

Last Name:

Address 1:

Address 2:

City:

State:

Zip:

Phone:

E-Mail Address:

Is the Applicant a wholly owned subsidiary of another Company?

Yes

No

Is the Applicant the Property Owner or Developer?

Yes

No

Type of Entity: Limited Liability Company

Name: Knapheide Glendale LLC

Address 1: 1848 Westphalia Strasse

Address 2:

City: Quincy

State: Illinois

Zip: 62305

Phone: (217) 592-5954

Fax:

Contact Person First Name: Jeff

Contact Person Last Name: Schwanke

Contact Person Phone: (217) 592-5054

Contact Person E-Mail Address: SCHWANKE@KNAPHEIDE.COM

Primary Project Contact

Provide a primary project contact/authorized on-site representative for this site.

First Name: Patrick

Last Name: Hagen

Title: Project Manager

E-Mail Address: Phagen@arcol.com

Company Name: ARCO National Construction

On-Site Phone: (314) 341-7120

Mobile: (314) 341-7120

Fax:

Dust Control Coordinator

All sites with five or more acres of disturbed surface area that are subject to Rule 310 must have a dust control coordinator on site at all times during dust-generating operations. The dust control coordinator(s) must complete 310 comprehensive training. List any additional dust control coordinators on a separate sheet of paper and add to attachment table at the bottom of the page.

Is the site 5 acres or more?

Yes

No

Additional Dust Control Coordinators are attached.

Is the dust control coordinator the same person as the primary project contact listed above? Yes
 No

Permit Application Form, Part B: Project Information

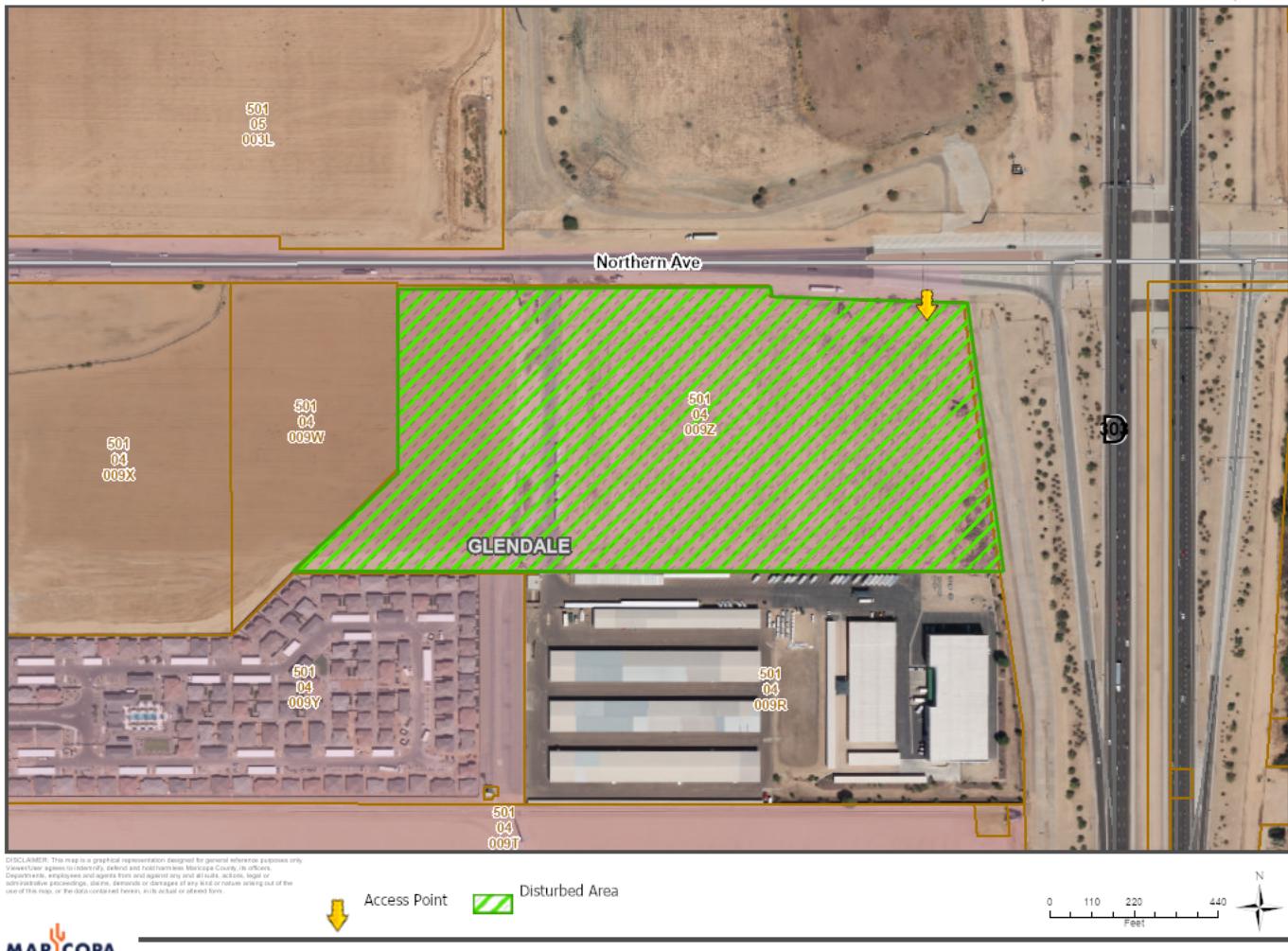
Name of Project: KTEC Phoenix

Brief Project Description: New construction

Estimated Project Start Date 11/12/2025

Estimated Project Completion Date 11/12/2026

Project Location



Disturbed Area : 21.91 Acres

- Site Location Data :

Address	City	Zip Code	Parcel Number	Latitude	Longitude	MCR#
	GLENDALE		501-04-009Z	33.55043	-112.42162	

Section/Township/Range Information :

Section	Township	Range
1	T2N	R2W

Access points :

Latitude	Longitude
33.55138	-112.41982

Estimated Bulk Materials (Rule 310, Section 203)

Bulk Material includes, but is not limited to, the following: earth, rock, silt, sediment, sand, gravel, soil, fill, aggregate less than 2 inches in length or diameter, dirt, mud, demolition debris, cotton, trash, cinders, pumice, sawdust, feeds, grains, fertilizers, fluff from shredders, and dry concrete. (See Rule 310, Section 203.)

Estimated cubic yards of Bulk Material 76615
to be imported and exported in total for
the entire project

Permit Application Form, Part C: Asbestos NESHAP Information

Asbestos NESHAP Notification requirements

Definitions

Demolition: The wrecking or taking 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.

Does the project include any demolition or renovation of a current or prior ranch, farm, business, or commercial structure?

Yes

No

Dust Control Plan

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.

All measures must have a selection of Primary, Contingency, or None.

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 a 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 preexisting 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.

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.

Required: Cease dust-generating operations.

Required: Stabilize any disturbed surface area (as specified in Rule 310, Section 304.3).

Required: Compile records consistent with Rule 310, Sections 502 and 503 and document the implementation of control measures and other Dust Control Plan requirements.

Select one or more of the following stabilization methods:

- 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.
- Maintain a vegetative ground cover.
- Other.

Category B: Will Vehicles/Motorized Equipment Be Used on Either of the Following?

B.1 Unpaved Staging Areas, Unpaved Parking Areas, and Unpaved Material Storage Areas

- Yes

- No

Please select at least one Primary and at least one Contingency measure.

Pave (complete additional information below)

<input type="radio"/> Primary
<input checked="" type="radio"/> Contingency
<input type="radio"/> None

Apply and maintain gravel, recycled asphalt, or other suitable material

Primary
 Contingency
 None

Apply water

Primary
 Contingency
 None

Apply and maintain dust suppressants other than water (complete add'l info below)

Primary
 Contingency
 None

Limit vehicle trips to no more than 20 per day per road and limit vehicle speeds to more than 15 m.p.h (complete additional information below)

Primary
 Contingency
 None

Other (specify below)

Primary
 Contingency
 None

Paving: Select one of the following.
Note that additional measures that will be in place prior to paving must also be specified above.

Pave prior to project
 Pave during project
 Pave at end of project

Maximum number of vehicle trips on 100 the unpaved parking/staging/material storage areas each day (including number of employee vehicles, earthmoving equipment, haul trucks, and water trucks):

Provide a description of how vehicle speeds will be restricted to no more than 15 m.p.h.

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

Yes

No

Please select at least one Primary and at least one Contingency measure.

Pave (complete additional information below)

Primary
 Contingency
 None

Apply and maintain gravel, recycled asphalt, or other suitable material

Primary
 Contingency
 None

- Apply water ● Primary
○ Contingency
○ None

- Apply and maintain dust suppressants other than water (complete add'l info below)

 - Primary
 - Contingency
 - None

- Limit vehicle trips to no more than 20 per day per road and limit vehicle speeds to more than 15 m.p.h
 (complete additional information below)

- Other (specify below) Primary
 Contingency
 None

- Cease operations (Note: this option may not be used as a primary control measure) Contingency None

- Paving: Select one of the following.
Note that additional measures that will
be in place prior to paving must also be
specified above.

 - Pave prior to project
 - Pave during project
 - Pave at end of project

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

Please select at least one Primary and at least one Contingency measure.

- Pre-water site to depth of cuts, allowing time for water to penetrate

- Phase work to reduce amount of disturbed surface at any one time

 - Primary
 - Contingency
 - None

- Other (specify below) Primary
 Contingency
 None

Other: Cease operations

C.2 During Active Operations

Please select at least one Primary and at least one Contingency measure.

Apply water to keep soil visibly moist

- Primary
- Contingency
- None

Apply water to maintain soil moisture
(Important: If choosing this control measure, must conduct and maintain records of soil moisture testing. If you do not have the means to conduct ASTM Method D2216-05 then do not select this option. See note below, upon selection)

- Primary
- Contingency
- None

Apply and maintain dust suppressants other than water (complete add'l information below)

- Primary
- Contingency
- None

In conjunction with other measures, construct fences or wind barriers

- Primary
- Contingency
- None

Other (specify below)

- Primary
- Contingency
- None

Note: 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%, as determined by conducting soil moisture testing according to ASTM Method D2216-05 (Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass).

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)

Please select at least one Primary and at least one Contingency measure.

Apply water

- Primary
- Contingency
- None

Apply and maintain surface gravel

- Primary
- Contingency
- None

Apply and maintain dust suppressants other than water (complete add'l information below)

- Primary
- Contingency
- None

- Cover storage piles with tarps, plastic, etc. such that wind will not remove covering(s) Primary Contingency None

Establish vegetative ground cover (landscaping) Primary Contingency None

Other (specify below) Primary Contingency None

C.4 Permanent Stabilization of Disturbed Surface Areas

Please select at least one Primary and at least one Contingency measure.

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).

- Pave (complete additional information below) Primary
 Contingency
 None

Apply and maintain gravel, recycled asphalt, or other suitable material Primary
 Contingency
 None

Apply and maintain dust suppressants other than water (complete add'l info below) Primary
 Contingency
 None

Establish vegetative ground cover (landscaping) Primary
 Contingency
 None

In addition to other control measures, restrict vehicle access to the area Primary
 Contingency
 None

Apply water (sufficient to maintain a visible soil crust) & prevent access/trespass Primary
 Contingency
 None

Prevent access/trespass. (Provide additional info below.) Primary
 Contingency
 None

Restore vegetation & soil similar to undisturbed native conditions (desert xeriscaping) Primary
 Contingency
 None

Other (specify below) Primary
 Contingency
 None

Paving: Select one of the following.
Note that additional measures that will be in place prior to paving must also be specified above.

Pave prior to project
 Pave during project
 Pave at end of project

Prevent access/trespass by (check all that apply) ditches
 fences
 berms
 shrubs
 trees
 Other.

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?

Yes

No

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.

Please select at least one Contingency measure.

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

Apply water to the top of the load Contingency
 None

Apply dust suppressants other than water to top of load (See note below, upon selection) Contingency
 None

Cease operations (Note: this option may not be used as a primary control measure) Contingency
 None

Other (specify below) Contingency
 None

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)?

Yes

No

Please select at least one Primary and at least one Contingency measure.

Limit vehicle speed (See note below, upon selection) Primary
 Contingency
 None

Apply water to the top of the load Primary
 Contingency
 None

Apply dust suppressants other than water to top of load (See note below, upon selection) Primary
 Contingency
 None

Cover haul trucks with a tarp or other suitable enclosure Primary
 Contingency
 None

Cease operations (Note: this option may not be used as a primary control measure) Contingency
 None

Other (specify below) Primary
 Contingency
 None

Limit vehicle speed to 15 m.p.h. or less while traveling on the work site such that visible emissions coming off the load do not exceed 20% opacity.

D.3 Will Materials be Hauled or Transported within the Boundaries of the Work Site (AND will also cross or access an Area Accessible to the Public while doing so)?

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.

Yes

No

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

Yes

No

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

Yes

No

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

E.1 Trackout Control Device

Does this site have **2 or more acres of disturbed surface area** or will **100 or more cubic yards of bulk material daily** be hauled on-site or off-site?

Yes

No

Trackout control device (check all that apply): gravel pad
 grizzly or rumble grate
 wheel wash system
 paved area
 Other Primary (In Addition to Above)

Cease operations Contingency
 None

Other (specify below) Contingency
 None

E.2 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 a 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.)

Please select at least one Primary and at least one Contingency measure.

Metered Hydrant

Operate a street sweeper or wet broom
(See note below, upon selection)

- Primary
- Contingency
- None

Manually sweep up deposits

- Primary
- Contingency
- None

Other (specify below)

- Primary
- Contingency
- None

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).

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 in category K, Water Supply and Application.

F.2 Will there be any fine grading on this site?

- Yes

No

Complete Water Supply and Application information in category K, Water Supply and Application.

Category G: Undergound Utilities, Structure Excavation, and Vertical Construction

Structure excavation includes excavation for stem walls, footings, culverts, abutments, caissons, 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 in category K, Water Supply and Application.

G.2 Will there be any vertical structures built on this site?

Yes

No

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

Category I: Weed Abatement by Discing or Blading

Will there be any weed abatement by discing or blading on this site?

Yes

No

Category J: Blasting Operations

Will there be any blasting on this site?

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.

Texture of soil naturally present on work site

Severe - Clay, Silty Clay, Sandy Clay

Moderate - All Other Soil Types

Texture of soil to be imported to work site

Severe - Clay, Silty Clay, Sandy Clay

Moderate - All Other Soil Types

No soil to be imported

Water Source(s):

Water Source(s): Please list **ALL** water supplies that will be used at any point throughout the duration of the project.

Metered Hydrant

Water Tower

Water Pond

Off-Site

Hose Bib

Other.

Qty 1

Size 6"

Water Method(s):

Water Method(s) of Application: Please list **ALL** water application methods that will be used at any point throughout the duration of the project.

Hose

Water Truck

Water Pull

Water Buffalo

Other.

Water Truck

Qty 1

Size 4000

B1: Unpaved Staging, Parking & Storage Areas

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 225 - 400 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 400 - 2,250 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
 - > 100 Acres Daily Minimum Requirement > 22,500 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

B2: Unpaved Access Areas/Haul Roads

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 225 - 400 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 400 - 2,250 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
 - > 100 Acres Daily Minimum Requirement > 22,500 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

C2: Disturbed Surfaces (During Active Operations)

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 225 - 400 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 400 - 2,250 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
 - > 100 Acres Daily Minimum Requirement > 22,500 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

C3: Disturbed Surfaces (During Inactive Periods)

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 225 - 400 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 400 - 2,250 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 2,250 - 22,500 Gallons
 - > 100 Acres Daily Minimum Requirement > 22,500 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

F2: Fine Grading

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 300 - 600 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 600 - 3,000 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons
 - > 100 Acres Daily Minimum Requirement > 30,000 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

G1: Underground Utilities/Structure Excavation

- Required Minimum Amount of Water Available for this Phase of the Project
- 0 - 2 Acres Daily Minimum Requirement 300 - 600 Gallons
 - 2 - 10 Acres Daily Minimum Requirement 600 - 3,000 Gallons
 - 10 - 100 Acres Daily Minimum Requirement 3,000 - 30,000 Gallons
 - > 100 Acres Daily Minimum Requirement > 30,000 Gallons

Average Daily Disturbed Area (in 21.91 Acres) for this Phase

G2: Construction of Vertical Structures

H: Demolition Activities

I1: During Weed Abatement

I2: Stabilization following Weed Abatement

J: Blasting

Category D4: Bulk Material Loading, Unloading & Stacking

F1: Mass Grading (November-February)

Average Daily Disturbance (in Acres) 21 . 91
for This Phase

F1: Mass Grading (March-October)

Average Daily Disturbance (in Acres) 21 . 91
for This Phase
