

G. Adjacent and Surrounding:

- 1. **Area Plan(s):** Western Coachella Valley
- 2. **Foundation Component(s):** Open Space (OS)
- 3. **Land Use Designation(s):** Conservation Habitat, Rural, Mineral Resources
- 4. **Overlay(s), if any:** N/A
- 5. **Policy Area(s), if any:** N/A

H. Adopted Specific Plan Information

- 1. **Name and Number of Specific Plan, if any:** N/A
- 2. **Specific Plan Planning Area, and Policies, if any:** N/A

I. Existing Zoning: Watercourse, Watershed and Conservation Areas (W-1) and Mineral Resources and Related Manufacturing (M-R-A)

J. Proposed Zoning, if any: None

K. Adjacent and Surrounding Zoning: Watercourse, Watershed and Conservation Areas (W-1) to the north, south, east and west of the subject site. The Controlled Development Area (W-2) zone can be found to the northeast of the site as well.

III. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below (x) would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" or "Less than Significant with Mitigation Incorporated" as indicated by the checklist on the following pages.

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Aesthetics | <input checked="" type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Agriculture & Forest Resources | <input checked="" type="checkbox"/> Hydrology / Water Quality | <input type="checkbox"/> Transportation / Traffic |
| <input checked="" type="checkbox"/> Air Quality | <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Utilities / Service Systems |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Other: |
| <input checked="" type="checkbox"/> Geology / Soils | <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Mandatory Findings of Significance |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Public Services | |

IV. DETERMINATION

On the basis of this initial evaluation:

A PREVIOUS ENVIRONMENTAL IMPACT REPORT/NEGATIVE DECLARATION WAS NOT PREPARED

I find that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project, described in this document, have been made or agreed to by the project proponent. **A MITIGATED NEGATIVE DECLARATION**

will be prepared.

I find that the proposed project MAY have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

A PREVIOUS ENVIRONMENTAL IMPACT REPORT/NEGATIVE DECLARATION WAS PREPARED

I find that although the proposed project could have a significant effect on the environment, **NO NEW ENVIRONMENTAL DOCUMENTATION IS REQUIRED** because (a) all potentially significant effects of the proposed project have been adequately analyzed in an earlier EIR or Negative Declaration pursuant to applicable legal standards, (b) all potentially significant effects of the proposed project have been avoided or mitigated pursuant to that earlier EIR or Negative Declaration, (c) the proposed project will not result in any new significant environmental effects not identified in the earlier EIR or Negative Declaration, (d) the proposed project will not substantially increase the severity of the environmental effects identified in the earlier EIR or Negative Declaration, (e) no considerably different mitigation measures have been identified and (f) no mitigation measures found infeasible have become feasible.

I find that although all potentially significant effects have been adequately analyzed in an earlier EIR or Negative Declaration pursuant to applicable legal standards, some changes or additions are necessary but none of the conditions described in California Code of Regulations, Section 15162 exist. An **ADDENDUM** to a previously-certified EIR or Negative Declaration has been prepared and will be considered by the approving body or bodies.

I find that at least one of the conditions described in California Code of Regulations, Section 15162 exist, but I further find that only minor additions or changes are necessary to make the previous EIR adequately apply to the project in the changed situation; therefore a **SUPPLEMENT TO THE ENVIRONMENTAL IMPACT REPORT** is required that need only contain the information necessary to make the previous EIR adequate for the project as revised.

I find that at least one of the following conditions described in California Code of Regulations, Section 15162, exist and a **SUBSEQUENT ENVIRONMENTAL IMPACT REPORT** is required: (1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; (2) Substantial changes have occurred with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or (3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the negative declaration was adopted, shows any the following:(A) The project will have one or more significant effects not discussed in the previous EIR or negative declaration;(B) Significant effects previously examined will be substantially more severe than shown in the previous EIR or negative declaration;(C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measures or alternatives; or,(D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR or negative declaration would substantially reduce one or more significant effects of the project on the environment, but the project proponents decline to adopt the mitigation measures or alternatives.



Signature

4/30/14

Date

PAUL RULL

Printed Name

For Juan C. Perez, Interim Planning Director

V. ENVIRONMENTAL ISSUES ASSESSMENT

In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000-21178.1), this Initial Study has been prepared to analyze the proposed project to determine any potential significant impacts upon the environment that would result from construction and implementation of the project. In accordance with California Code of Regulations, Section 15063, this Initial Study is a preliminary analysis prepared by the Lead Agency, the County of Riverside, in consultation with other jurisdictional agencies, to determine whether a Negative Declaration, Mitigated Negative Declaration, or an Environmental Impact Report is required for the proposed project. The purpose of this Initial Study is to inform the decision-makers, affected agencies, and the public of potential environmental impacts associated with the implementation of the proposed project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
AESTHETICS Would the project				
1. Scenic Resources				
a) Have a substantial effect upon a scenic highway corridor within which it is located?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings and unique or landmark features; obstruct any prominent scenic vista or view open to the public; or result in the creation of an aesthetically offensive site open to public view?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan Figure C-9 "Scenic Highways," Riverside County General Plan-Western Coachella Valley Area Plan Figure 9 "Western Coachella Valley Area Plan Scenic Highways", Viewshed Analysis prepared by KCT Consultants, Inc. April 2002, and Amended Visual Assessment by prepared by Lilburn Corporation December 2003

Findings of Fact:

a-b) The project site is located adjacent to Dillon Road, which is designated as a County Eligible Scenic Highway. A significant impact could potentially occur if the project caused a substantial change in the views of the area, or a permanent change to the views of the site. The mine site and block plant is visible from Dillon Road and various viewpoints as described in the Viewshed Analysis and Amended Visual Assessment. The materials sales yard area will be adjacent to Dillon Road with stockpiles, sales office trailer and rock bines, most of which will be visible by travelers of Dillon Road. Earthen berms will be constructed and existing berms will be maintained to minimize the impacts to aesthetics within the community (COA 10. BS GRADE. 20). The views of this use are comparable to the existing views of the site. The concrete block storage area consisting of stacked pallets are much lower than the block plant building. The lowered grade of the mining facilities reduces the portion of the facilities seen from viewpoints offsite. The size and color of the surrounding background of the Little San Bernardino Mountains reduce the contrast and size of the man-made facilities. Plant equipment, silos, accessory use structures will be painted to blend with the existing hillsides in the background (COA 70. PLANNING. 3). Through project conditions of approval, temporary impacts associated with the project are mitigated below a level of significance. Implementation of the proposed reclamation plan (removal of structures/equipment and revegetation of disturbed areas), which proposes to return the site to open desert areas upon completion of mining (COA 60. PLANNING. 4, 5, and 6) will ensure permanent negative aesthetic impacts are mitigated below a level of significance.

Mitigation: The project required earthen berms (COA 10. BS GRADE. 20), painting to blend with the existing hillsides in the background (COA 70. PLANNING. 3), and reclamation (COA 60. PLANNING. 4, 5, and 6).

Monitoring: Annual inspections by the Riverside County Department of Building and Safety shall ensure compliance with the approved Reclamation Plan, as required by Ordinance No. 555.

2. Mt. Palomar Observatory

a) Interfere with the nighttime use of the Mt. Palomar Observatory, as protected through Riverside County Ordinance No. 655?

Source: GIS database, Ord. No. 655 (Regulating Light Pollution)

Findings of Fact: a) The project site is approximately 49.32 miles from the Mt. Palomar Observatory and outside of Zones A and B as defined by Riverside County Ordinance No. 655. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

3. Other Lighting Issues

a) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

b) Expose residential property to unacceptable light levels?

Source: Project Application Description and Materials

Findings of Fact:

a-b) The project is a revision to the existing surface mining permit (SMP161R4) to: increase the depth of the excavation area, extend the project life from 25 years to 55 years, incorporation of drill and blast mining techniques, relocate permitted asphalt plant equipment within the existing permitted mine site, allow import, processing, stockpiling and sale of recycled inert construction debris such as broken asphalt and concrete, allow modifications to the equipment and layout of the asphalt plant area to import, stockpile, and process recycled asphalt product, allow 24-hour operation of the asphalt plant, and increase the reclamation plan northern boundary by 17 acres to accommodate potential headward erosion from the North Quarry Area for a total proposed reclamation plan area of 387.5 acres. These new activities could create new sources of light, however, any source of light is not anticipated to reach a significant level due to nature of the project. The project is surrounded by existing surface mining facilities and vacant land. The project is located approximately 1.5 miles north of an existing residence. Additionally, all existing and new lighting is conditioned to be hooded and facing downwards thereby reducing any lighting impacts (COA 10.PLANNING.41). Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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AGRICULTURE & FOREST RESOURCES Would the project

4. Agriculture

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing agricultural zoning, agricultural use or with land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Cause development of non-agricultural uses within 300 feet of agriculturally zoned property (Ordinance No. 625 "Right-to-Farm")?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure OS-2 "Agricultural Resources," GIS database, and Project Application Materials.

Findings of Fact:

a-d) The project is not affected by agriculture programs and land use standards of the Riverside County General Plan. No farming activities have taken place on, or are being proposed for the site. The project site is designated as "other lands" and "not mapped". The project is not adjacent to, or within 300 feet of agricultural zones (A-1, A-2, C/V, A-D and A-P). The project does not involve changes to the existing environment that could result in conversion of Farmland to a non-agricultural use. Therefore, no impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

5. Forest

a) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Govt. Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure OS-3 "Parks, Forests and Recreation Areas," Project Application Materials, Riverside County Land Information System.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact:

a-c) The project is not located within the boundaries of a forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resource Code section 4526), or timberland zoned Timberland Production (as defined by Govt. Code section 51104(g)). The proposed project will not impact lands designated as forest land, timberland, or timberland zoned Timberland Production. According to the General Plan, the project is not located within forest land and will not result in the loss of forest land or conversion of forest land to non-forest use. The project will not involve other changes in the existing environment, which due to their location or nature, could result in conversion of forest land to non-forest use. Therefore, no impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

AIR QUALITY Would the project

6. Air Quality Impacts

a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors which are located within 1 mile of the project site to project substantial point source emissions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Involve the construction of a sensitive receptor located within one mile of an existing substantial point source emitter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: SCAQMD CEQA Air Quality Handbook, Air Quality Assessment prepared by Lilburn Corporation dated 2012

Findings of Fact:

a) The South Coast Air Quality Management District (SCAQMD) is responsible for developing a regional air quality management plan to insure compliance with state and federal air quality standards. The SCAQMD has adopted the 2012 Air Quality Management Plan (AQMP). The primary implementation responsibility assigned to the County (i.e. local governments) by the 2012 AQMP is the implementation of air quality control measures associated with transportation facilities. This project does not propose any transportation facilities that would require transportation control measures. Surface mines are heavily regulated by the SCAQMD, and the project is conditioned to implement SCAQMD rules (COA 10. PLANNING 24). The applicant shall be required to maintain and tune

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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mobile equipment according to manufacturer's specifications, schedule production activities to minimize daily equipment operations and idling trucks, and comply with all existing and future CARB and SCAQMD regulations related to diesel-fueled trucks and equipment, which may include among others: (1) meeting more stringent emission standards; (2) retrofitting existing engines with particulate traps; (3) use of low sulfur fuel; and (4) use of alternative fuels or equipment. Regular inspections by the Air Quality Management District and annual inspections by the Riverside County Department of Building and Safety shall ensure compliance with the approved Reclamation Plan and basin air quality standards for PM10 and fugitive dust emissions (COAs 10. PLANNING. 22, 60. PLANNING. 14, and 10. BS GRADE. 6). Through compliance with AQMP rules, the project will not obstruct implementation of the AQMP.

b-c) The chief air quality concern at the site will be fugitive dust during active mining/processing operations. The requirement for the use of best available control technology (BACT) and stringent controls imposed by Riverside County as part of any permit conditions will reduce emissions per ton of material produced compared to older, existing plants built without such levels of control. Wind conditions are generally favorable in that the dominant wind direction is from west to east, away from inhabited areas. Project Conditions of approval require that all mining operations be halted during periods of high winds (COA 10. PLANNING. 27).

Fugitive dust will also continue to be mitigated by limiting the truck traffic to 15 m.p.h. on all site roads and maintaining the existing 1,600-feet of the paved main access road and driveway from Dillon Road to the plant sites. Paved roads shall be kept clean and unpaved roads will be kept continuously wet when in use. Production material stockpiles are, and will continue to be, maintained at minimum volumes to reduce their exposure to wind and water erosion. All stockpiles of topsoil and waste fines will be covered with coarse aggregate for protection from wind/water erosion. Non-hazardous soil stabilizers will be applied to all inactive surface mining areas and product stockpiles (COA 10. PLANNING. 21).

The processing and batching facilities will be located below grade in an area not generally subjected to wind, which will allow dust to settle out near the source without leaving the project site. The processing facility shall comply with SCAQMD rule 403 for fugitive dust, and PM 10 requirements (COAs 10. PLANNING. 22, 60. PLANNING. 14, and 10. BS GRADE. 6).

Air quality impacts may occur during site preparation, including grading and equipment exhaust. Major sources of fugitive dust are a result of grading and site preparation during construction by vehicles and equipment and generated by construction vehicles and equipment traveling over exposed surfaces, as well as by soil disturbances from grading and filling. However, it is anticipated that there will be limited construction as the significant changes proposed in Revised Permit No.5 is the increase in mining depth and the relocation of the existing asphalt plant, neither of which require substantial construction or construction vehicles. Blowing dust is also of concern in the dry desert areas where PM10 standards are exceeded by soil disturbance during grading, and vehicular travel over unpaved roads. These short-term construction related impacts will be reduced below a level of significance by dust control measures implemented during grading (COA 10.BS GRADE.6).

The Air Quality Analysis prepared by Lilburn Corporation dated December 2012 for the project identified several factors impacting the local air quality, including that a similar impact would derive from another aggregate facility if not at the project site because the demand for product will exist regardless of project implementation. The project will not result in a cumulatively considerable net

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.

Through compliance with SCAQMP rules and project conditions of approval, the project will not cause a significant violation of any air quality standard resulting in a cumulatively significant net increase of any criteria pollutant. Therefore impacts are considered less than significant with mitigation measures incorporated.

d-e) A sensitive receptor is a person in the population who is particularly susceptible to health effects due to exposure to an air contaminant than is the population at large. Sensitive receptors (and the facilities that house them) in proximity to localized CO sources, toxic air contaminants or odors are of particular concern. High levels of CO are associated with major traffic sources, such as freeways and major intersections, and toxic air contaminants are normally associated with manufacturing and commercial operations. Land uses considered to be sensitive receptors include long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, child care centers, and athletic facilities. Residential land uses can be found to the far south of the subject site. Residential land uses are identified as a sensitive receptor, however, the project is not expected to generate substantial point source emissions. The project will not include major transportation facilities, commercial or manufacturing uses, or generate significant odors. Nuisance impacts are concentrated within the immediate vicinity of aggregate production/processing facilities. The distance of the nearest receptor (approximately 1.5 miles south to nearest residence) also minimizes any potential adverse impacts. The proposed project does not involve the construction of a sensitive receptor nor is it anticipated to create objectionable odors affecting a substantial number of people. Therefore impacts are considered less than significant.

f) Surrounding uses do not include significant localized CO sources, toxic air contaminants or odors. The project will not create objectionable odors affecting a substantial number of people. The nearest sensitive receptor, a single family residence, is located approximately 1.5 miles south of the project.

Mitigation: The Project is conditioned to implement SCAQMD rules through (COA 10. PLANNING 24). The project will also implement particulate matter and dust controls through (COAs 10. PLANNING. 22, 60. PLANNING. 14, and 10. BS GRADE. 6)

Monitoring: Monitoring will occur through the Building and Safety plan check and inspection process, annual mine inspections, and SCAQMD permit process.

BIOLOGICAL RESOURCES Would the project

7. Wildlife & Vegetation

a) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan?

b) Have a substantial adverse effect, either directly or through habitat modifications, on any endangered, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?

c) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Wildlife Service?				
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U. S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Source: GIS database, CVMSHCP, On-site Inspection, Environmental Programs Division (EPD) review, Biological Technical Report and Focused Survey for Desert Tortoise prepared by Scott White Biological Consulting, on August 11, 2006.

Findings of Fact:

a) The proposed project is located within the Coachella Valley Multiple Species Habitat Conservation Plan (MSHCP), in particular, within the Desert Tortoise and Linkage Conservation Area. A Biological Technical Report and Focused Survey for Desert Tortoise prepared by Scott White Biological Consulting on August 11, 2006, was reviewed and accepted by the Environmental Programs Division of the Planning Department to assure consistency with the MSHCP plan. Their review concluded that the project would not significantly conflict with the MSHCP plan, with biological monitoring mitigations incorporated prior to grading and final grading stages. Therefore, the impact is considered less than significant with mitigation incorporated.

b-c) The County of Riverside Environmental Programs Division (EPD) did not identify the presence of any endangered or threatened species which are listed in the Title 14 of the California Codes of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12) or any species listed as sensitive on California Department of Fish and Wildlife, however did identify the potential for the desert tortoise habitat area on the project site. To minimize or eliminate impacts from the proposed activities, mitigations have been incorporated in conditions of approval COA 60.EPD.1 and 70.EPD.1 that will reduce the chances of the project's activities impacting biological resources, specifically the Desert Tortoise. Based on the review by EPD, there will be less than significant impacts with mitigations incorporated related to threatened or endangered species.

d) The site features no natural water bodies or waterways. Therefore the project will not interfere with the movement of any native resident or migratory fish or wildlife species, or wildlife corridors, or native wildlife nursery sites. Therefore, impacts are considered less than significant.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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e) The County of Riverside Environmental Programs Division (EPD) did not identify the presence of any riparian habitat. The site features no natural water bodies or waterways. Therefore, impacts are considered less than significant.

f) The County of Riverside Environmental Programs Division (EPD) did not identify the presence of any federally protected wetlands. There are no waterbodies on the project. Therefore, impacts are considered less than significant.

g) Based on a review by Environmental Programs Division, the project is consistent with all biological policies of the General Plan, the MSHCP, and all other policies that impact the site. The project is consistent with all applicable Ordinances. There are no Oak trees on the site. The Office of Mine and Reclamation provided comments regarding the identification and preservation of smoke trees on the project site. The project has been conditioned (COA. 60. PLANNING. 23) prior to grading permit issuance, plans shall be submitted to the Planning Department and Environmental Programs Division outlining the applicants plan for smoke tree disturbance for review and approval. The plans will discuss the provisions to legally harvest the trees for transplant or preservations. Therefore, the impact is considered less than significant with mitigation incorporated.

Mitigation: Compliance with the measures set for in the conditions of approval on file in the LMS including COA 60.EPD.1 and 70.EPD.1, and 60. PLANNING. 23)

Monitoring: Monitoring shall be conducted by the Riverside County Environmental Programs Department and Building and Safety Department

CULTURAL RESOURCES Would the project

8. Historic Resources

a) Alter or destroy an historic site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of a historical resource as defined in California Code of Regulations, Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: On-site Inspection, Project Application Materials, County Archaeologist Review

Findings of Fact:

a-b) No historical resources as defined by CEQA exist within or adjacent to the project area; therefore, no alteration or destruction of any historic site would occur nor would the project cause a substantial adverse change in the significance of a historical resource. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

9. Archaeological Resources

a) Alter or destroy an archaeological site.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
significance of an archaeological resource pursuant to California Code of Regulations, Section 15064.5?				
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Restrict existing religious or sacred uses within the potential impact area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Project Application Materials, County Archaeologist Review

Findings of Fact:

a-d) No archaeological sites were recorded within or adjacent to the project area; therefore, no alteration or destruction of any archaeological site would occur nor would the project cause a substantial adverse change in the significance of an archaeological resource. The proposed project would not disturb any human remains, including those interred outside of formal cemeteries nor would the project restrict existing religious or sacred uses within the potential impact area. If, however, during any building improvements or disturbing activities, unique cultural resources are discovered, all ground disturbances shall halt until a meeting is held between the developer, archaeologist, and Native American representative to discuss the significance of the find (COA 10.PLANNING.38). This is a standard condition and therefore, is not considered unique mitigation pursuant to CEQA. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

10. Paleontological Resources

a) Directly or indirectly destroy a unique paleontological resource, or site, or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Riverside County General Plan Figure OS-8 "Paleontological Sensitivity"

Findings of Fact:

a) According to the County's General Plan, the project site has been mapped as having "Low Potential" for paleontological resources. This category encompasses lands for which previous field surveys and documentation demonstrates a low potential for containing significant paleontological resources subject to adverse impacts. However, if fossil remains and paleontological resources are encountered, all site earthmoving activities shall cease and the County Geologist notified (COA 10.PLANNING.40). This is a standard condition and therefore, is not considered unique mitigation pursuant to CEQA. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

GEOLOGY AND SOILS Would the project

11. Alquist-Priolo Earthquake Fault Zone or County	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Fault Hazard Zones

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death?

b) Be subject to rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Riverside County General Plan Figure S-2 "Earthquake Fault Study Zones," GIS database, Geologist Comments, Geologic Report No.2103

Findings of Fact:

a-b) According to RCLIS (GIS database), the proposed project is located within the San Andreas fault zone, and within half a mile of the Berdoo Canyon fault and San Andreas fault. The County Geologist has reviewed the project and determined that no evidence for active faulting on the site was observed. The project scope is an existing mining facility with the majority of work taking place outside of buildings. There are no buildings being proposed as part of Revised Permit No. 5. With no new buildings or structures being proposed, the risk of loss, injury or death is significantly reduced. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

12. Liquefaction Potential Zone

a) Be subject to seismic-related ground failure, including liquefaction?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Riverside County General Plan Figure S-3 "Generalized Liquefaction", County Geologist review

Findings of Fact:

a) According to the County Geologist, the potential for liquefaction and other shallow groundwater hazards is considered low to non-existent for the project site. There are no permanent buildings being proposed as part of the Revised Permit No.5. With no new permanent buildings or structures being proposed, the risk of loss, injury or death is significantly reduced. Any future building improvements shall be constructed in accordance with the California Building Code (CBC). Therefore impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

13. Ground-shaking Zone

a) Be subject to strong seismic ground shaking?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Riverside County General Plan Figure S-4 "Earthquake-Induced Slope Instability Map," and Figures S-13 through S-21 (showing General Ground Shaking Risk), County Geologist review

Findings of Fact:

a) According to RCLIS (GIS database), the proposed project is located within the San Andreas fault zone, and within half a mile of the Berdoo Canyon fault and San Andreas fault. The County Geologist has reviewed the project and determined that no evidence for active faulting on the site was observed. The most significant fault to the site with respect to seismic shaking is the San Andreas Fault, approximately 2.7 miles southwest of the site. Severe seismic shaking of the site can be expected to occur during the lifetime of the proposing mining and reclamation. The project scope is an existing mining facility with the majority of work taking place outside of buildings. There are no permanent buildings being proposed as part of Revised Permit No. 5. With no new buildings or structures being proposed, the risk of loss, injury or death is significantly reduced. In addition, the proposed 3:1 final cut slopes up to 300 feet in height are suitably stable against gross failure for the various anticipated long term conditions, including the effect of seismic shaking. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

14. Landslide Risk

a) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, collapse, or rockfall hazards?

Source: On-site Inspection, Riverside County General Plan Figure S-5 "Regions Underlain by Steep Slope"

Findings of Fact:

a) According to the County's General Plan, slope angles for the project site are less than 15%. The project site is not located near any existing landslide areas. The project has no susceptibility to seismically induced landslides and rockfalls.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

15. Ground Subsidence

a) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in ground subsidence?

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Riverside County General Plan Figure S-7 "Documented Subsidence Areas Map", County Geologist review

Findings of Fact:

a) According to the County's General Plan, the project site is located within areas that are susceptible to subsidence. The project is located on alluvial materials which are not generally considered susceptible to subsidence. However, localized settlements may occur in younger sediments, and may require that structures built onsite be mitigated with ground improvement (excavation and compaction) or foundation reinforcement. The applicant shall provide a geotechnical report for approval by the Department of Building and Safety prior to the issuance of building permits, and shall be required for proposed buildings and structures onsite (COA 10.BS GRADE.9), which will ensure that grading for proposed structures/buildings will be in conformance with the geotechnical soils study approved by the Riverside County. Therefore, impacts are considered less than significant with mitigation measures incorporated.

Mitigation: The applicant shall provide a geotechnical report for approval by the Department of Building and Safety (COA 10.BS GRADE.9).

Monitoring: Annual inspections by the Department of Building and Safety shall ensure compliance with the approved Mining and Reclamation Plan.

16. Other Geologic Hazards

a) Be subject to geologic hazards, such as seiche, mudflow, or volcanic hazard?

Source: On-site Inspection, Project Application Materials, County Geologist review

Findings of Fact:

a) The project site is not located within any geological special studies zone, and tsunamis and seiching are not potential hazards to the site. Therefore impacts are considered less than significant.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required.

17. Slopes

a) Change topography or ground surface relief features?

b) Create cut or fill slopes greater than 2:1 or higher than 10 feet?

c) Result in grading that affects or negates subsurface sewage disposal systems?

Source: Riv. Co. 800-Scale Slope Maps, Project Application Materials

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact:

a-c) The project will produce final slopes with a maximum height of 300 feet. Proposed slopes were analyzed for gross and surficial stability under static and pseudostatic conditions and found to meet minimum safety factors of 1.5. and 1.1, respectively. During the mining operation, on the working faces of the quarry wall, benches shall be installed at no more than 30 feet in vertical height intervals or not higher than the equipment being used can reach to extract material. Each bench shall be a minimum of 15-feet in width. Working slopes below benches shall not be steeper than 1:1 (horizontal to vertical). Therefore impacts are considered less than significant with mitigation measures incorporated.

Finished slopes may not exceed 2:1 or as identified in another condition of approved exhibit to this case (COA 10.BS GRADE.3). A certified engineering geologist or geotechnical engineer shall inspect all excavated slopes within the permitted boundaries (active and inactive) for slope stability (10. BS GRADE. 14). A slope stability report shall be submitted and approved by the County Geologist for all proposed cut or fill slopes steeper than 2:1 (horizontal:vertical) or over 30 feet in vertical height - unless addressed in a previous report (10.BS GRADE.20). Therefore impacts are considered less than significant with mitigation measures incorporated.

Subsurface sewage disposal systems will not be impacted by the project. Therefore impacts are considered less than significant.

Mitigation: Finished slopes may not exceed 2:1 or as identified in another approved condition or approved exhibit to this case. (COA 10. BS Grade 3) A certified engineering geologist or geotechnical engineer shall inspect all excavated slopes (10. BS GRADE. 14). A slope stability report shall be submitted and approved by the County Geologist for all proposed cut or fill slopes steeper than 2:1 (horizontal:vertical) or over 30 feet in vertical height (COA 10. BS GRADE. 20)

Monitoring: Periodic inspections by MSHA and annual inspections by the Department of Building and Safety shall ensure compliance with Riverside County Ordinance No. 555 (SMARA) and the Mining and Reclamation Plan.

18. Soils

a) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Be located on expansive soil, as defined in Section 1802.3.2 of the California Building Code (2007), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have soils incapable of adequately supporting use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: U.S.D.A. Soil Conservation Service Soil Surveys, Project Application Materials, On-site Inspection

Findings of Fact:

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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a-c) The soils situated on the proposed project site are composed predominately of Carrizo stony sand (CcC). Topsoil will be removed and stockpiled for use during revegetation activities. Portions of the stockpiles topsoil will be used for re-seeding revegetation test areas during revegetation activities. The project is required to comply with the State of California Surface Mining and Reclamation Act and Riverside County Ordinance No. 555. The project Reclamation Plan requires revegetation (COA 60. PLANNING. 5). Through implementation of the Reclamation Plan, the project will have a less than significant impact from soil erosion or the loss of topsoil. In addition, subsurface sewage disposal systems will not be impacted by the project. Therefore impacts are considered less than significant.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required.

19. Erosion

a) Change deposition, siltation, or erosion that may modify the channel of a river or stream or the bed of a lake?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Result in any increase in water erosion either on or off site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Source: U.S.D.A. Soil Conservation Service Soil Surveys

Findings of Fact:

a-b) There are two intermittent blueline streams that cross the project from north to south through the central portion of the project site. A potential for headward erosion exists upstream from the northern quarry area. The revision proposes no change to the design approved for SMP No. 161, Revised No. 4 in 2007. Previously-approved mitigation for the headward erosion potential consists of an appropriate setback and maximum inclination of 3:1 (H:V) for mining and reclaimed slopes. The permittee shall, during the proposed mining operations, ensure that off-site storm runoff through the property outlets are in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining operation (10. PLANNING. 8).

Prior to any disturbance within or along any natural watercourse or wetland located on-site or on any required off-site improvement areas, the owner or permittee shall provide written notification to the Planning Department that appropriate notification has been made to CA Department of Fish and Wildlife (formerly CA Dept and Game) pursuant to Sections 1601 thru 1603 of the California Department of Fish and Game Code or the applicant shall obtain an "Agreement" for Streambed or Lake Alteration pursuant California Fish and Game Code Sections 1601 thru 1603 (COA 60.PLANNING.21).

Mitigation: Prior to any disturbance within or along any natural watercourse or wetlands, the permittee shall obtain a Streambed or Lake Alteration Agreement pursuant to CFG Code Sections 1600 thru 1603 (COA 60.PLANNING.21).

Monitoring: Annual inspections by the Department of Building and Safety shall ensure compliance with Riverside County Flood Control District guidelines.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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20. Wind Erosion and Blowsand from project either on or off site.

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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a) Be impacted by or result in an increase in wind erosion and blowsand, either on or off site?

Source: Riverside County General Plan Figure S-8 "Wind Erosion Susceptibility Map," Ord. No. 460, Article XV & Ord. No. 484

Findings of Fact:

a) The mining operations will create stockpiles of material that may be susceptible to wind erosion on-site. No blowsand issues are expected. Throughout active mining operations, the operator will be required to comply with the requirements of AQMD by instituting erosion control procedures. Reclamation of the project site will include revegetation of all disturbed areas, minimizing any erosion that may occur due to the winds in the area.

Mitigation: The project will implement particulate matter and dust controls (COAs 10. PLANNING. 22, 60. PLANNING. 14, and 10. BS GRADE. 6)

Monitoring: Annual inspections by the riverside County Department of Building and Safety shall ensure compliance with Riverside County Ordinance No. 555 and the approved Mining and Reclamation Plan.

GREENHOUSE GAS EMISSIONS Would the project

21. Greenhouse Gas Emissions

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Source: Project Materials, Air Quality Assessment prepared by Lilburn Corporation dated December 2012

Findings of Fact:

a) An Air Quality Assessment was prepared by Lilburn Corporation dated December 2012 which analyzed stationary and mobile greenhouse gas emissions from both existing (SMP161R4) and proposed (SMP161R5) operations. The assessment concluded that the total combined project related greenhouse gas emissions of 435.5 MTCO_{2e} would not exceed the interim threshold of 10,000 MTCO_{2e} as adopted by SCAQMD. No change to the maximum annual quantity of 1.8 million tons is proposed, but the cumulative amount to be mined over the project life will increase from 28 million to 55 million tons. Therefore impacts are considered less than significant.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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b) As of the creation of the environmental analysis, the only adopted policy that would impact this project at the time of approval would be AB32. This project does not conflict with the requirements of AB 32. Therefore impacts are considered less than significant.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required.

HAZARDS AND HAZARDOUS MATERIALS Would the project

22. Hazards and Hazardous Materials

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Impair implementation of or physically interfere with an adopted emergency response plan or an emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Application Materials

Findings of Fact:

a) The only hazardous materials to be used onsite are for operation/maintenance of heavy equipment and the material processing plant(s) such as diesel fuel, lubricants and solvents. Storage of explosives is not proposed throughout the life of the project. All materials will be properly stored, used and disposed.

All waste hazardous materials generated by project operations will be collected and transported from the site by properly trained and licensed personnel. A Hazardous Material Business Emergency Plan is required for review and approval by Riverside County Dept. of Environmental health – Hazardous Materials Division (90. E HEALTH.1). Upon completion of reclamation, all hazardous materials and storage containers will be removed from the site.

b) The project will not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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c) The project will not obstruct any right-of-way. The project will not impair implementation of or physically interfere with an adopted emergency response plan or an emergency evacuation plan.

d) The project is not within one-quarter mile of an existing or proposed school. The project will not Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.

e) Location of the project near a site identified as a Hazardous Materials site would not result in a significant hazard to the public or the environment.

Mitigation: A Hazardous Material Business Emergency Plan is required for review and approval by Riverside County Dept. of Environmental health – Hazardous Materials Division (90. E HEALTH.1).

Monitoring: Annual inspections by the Riverside County Department of Building and Safety shall ensure compliance with Riverside County Ordinance No. 555 and the approved Mining and Reclamation Plan. Periodic inspections by the Hazardous Materials Division will ensure compliance with the Hazardous Material Business Emergency Plan.

23. Airports

a) Result in an inconsistency with an Airport Master Plan?

b) Require review by the Airport Land Use Commission?

c) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

d) For a project within the vicinity of a private airstrip, or heliport, would the project result in a safety hazard for people residing or working in the project area?

Source: Riverside County General Plan Figure S-19 "Airport Locations," GIS database

Findings of Fact:

a) The project site is not located within an Airport Master Plan; therefore will not result in an inconsistency with an Airport Master Plan. Therefore, there is no impact.

b) The project site is not located within an Airport Master Plan; therefore will not require to be reviewed by the Airport Land Use Commission. Therefore, there is no impact.

c) The project site is not located within an airport land use plan; therefore the project will not create a safety hazard for people residing or working in the project area in reference to a public airport or public use airport. Therefore, there is no impact.

d) The project site is not located within the vicinity of a private airstrip, or heliport, and therefore would not result in a safety hazard for people residing or working in the project area. Therefore, there is no impact.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

24. Hazardous Fire Area

a) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

Source: Riverside County General Plan Figure S-11 "Wildfire Susceptibility," GIS database

Findings of Fact:

a) The subject site is not located within a High Fire Area or a State Responsibility Fire Area and therefore would not expose people or structures to a significant risk of loss, injury or death involving wildland fires.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

HYDROLOGY AND WATER QUALITY Would the project

25. Water Quality Impacts

a) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?

b) Violate any water quality standards or waste discharge requirements?

c) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

d) Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

e) Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

f) Place within a 100-year flood hazard area structures

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
which would impede or redirect flood flows?				
g) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Include new or retrofitted stormwater Treatment Control Best Management Practices (BMPs) (e.g. water quality treatment basins, constructed treatment wetlands), the operation of which could result in significant environmental effects (e.g. increased vectors or odors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County Flood Control District Flood Hazard Report/Condition, Mining and Reclamation Plan, Weber & Weber, 2008.

Findings of Fact:

a) Located on the project site are two intermittent streams flowing north to south through the central portion of the subject site. The streams are only active during heavy periods of rainfall. Although the R5 project is proposing no change to the development footprint of the existing surface mining facility, the original R4 approval indicated that the project may substantially alter existing drainage patterns on the site or area. Mitigation measures were incorporated to ensure that off-site storm runoff through the property outlets are in substantially the same location as exists under natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining operation (COA 10.PLANNING. 16). Therefore, the impacts are considered less than significant with mitigation measures incorporated.

b) The project will not violate water quality standards or waste discharge requirements. The project will comply with all applicable requirements of the National Pollution Discharge Elimination System (NPDES) and shall conform to NPDES best Management Practices for Stormwater Pollution Prevention Plans during the life of this permit (COA. 10.PLANNING. 26). Required compliance with Federal Laws and rules is not CEQA mitigation. Therefore, impacts are considered less than significant.

c) The project will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. Although the R5 project is proposing no change to the development footprint of the existing surface mining facility, the original R4 included the addition of a groundwater production well capable of producing 200 gpm maximum for block plant requirements. Depth to groundwater onsite is approximately 467 feet below ground surface, based on data from on-site wells. Two on-site wells are located within the local alluvial aquifer, which is nearly three miles wide and approximately one-thousand feet deep. Upstream the aquifer is ten miles wide and over one-thousand feet deep. Underneath the local aquifer are thousands of feet of water-saturated sedimentary rocks. The impact of the proposed well drawing a maximum of 100 acre-feet per year from an aquifer capable of producing multiple thousands of acre-feet per year in a sustained yield. Therefore, impacts are considered less than significant.

d) Located on the project site are two intermittent streams flowing north to south through the central portion of the subject site. The streams are only active during heavy periods of rainfall. The R5 project is not proposing any additional paving or surfacing that could potentially increase runoff and exceed the capacity of drainage systems or provide substantial additional sources of polluted runoff. As part of the project's mitigation measures, it will ensure that water flows in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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any time during the mining operation (COA 10.PLANNING.8). The project will not create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Therefore, impacts are considered less than significant.

e) The proposed project is a revision to an approved surface mining facility increasing their excavation depth area, relocating their asphalt plant within the boundaries of the previously approved permitted mine site, and incorporation of drill and blast mining techniques. The project does not propose any housing within a 100-year flood area. Therefore, no impacts would occur.

The proposal is for a revision to the existing surface mining permit (SMP161R4) to: increase the depth of the excavation area, extend the project life from 25 years to 55 years, incorporation of drill and blast mining techniques, relocate permitted asphalt plant equipment within the existing permitted mine site, allow import, processing, stockpiling and sale of recycled inert construction debris such as broken asphalt and concrete, allow modifications to the equipment and layout of the asphalt plant area to import, stockpile, and process recycled asphalt product, allow 24-hour operation of the asphalt plant, and increase the reclamation plan northern boundary by 17 acres to accommodate potential headward erosion from the North Quarry Area for a total proposed reclamation plan area of 387.5 acres. No change to the maximum annual quantity of 1.8 million tons is proposed, but the cumulative amount to be mined over the project life will increase from 28 million tons to 55 million tons.

f) The proposed project is within Flood Zone C. Zone C, and X is one of the flood insurance rate zones that correspond to areas outside the 1-percent annual chance floodplain, areas of 1-percent annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1-percent annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1-percent annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones. The project will not have a significant impact from the placement of structures within a 100-year flood hazard area. Therefore, impacts are considered less than significant.

g) The proposed project is not anticipated to substantially degrade water quality. There is no significant grading, building or improvements being proposed as part of the R5 project that could potentially degrade water quality. Therefore, impacts are considered less than significant.

h) The project is required to ensure existing watercourses do not pond or stagnate at any time during the mining operation. Otherwise the project does not include stormwater Treatment Control Best Management Practices (BMPs) which could result in significant environmental effects.

Mitigation: The project must ensure that water flows in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining operation (COA 10.PLANNING.16)

Monitoring: Annual inspections by the riverside County Department of Building and Safety shall ensure compliance with Riverside County Ordinance No. 555 and the approved Reclamation Plan.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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26. Floodplains

Degree of Suitability in 100-Year Floodplains. As indicated below, the appropriate Degree of Suitability has been checked.

NA - Not Applicable U - Generally Unsuitable R - Restricted

a) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Changes in absorption rates or the rate and amount of surface runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam (Dam Inundation Area)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure S-9 "100- and 500-Year Flood Hazard Zones," Figure S-10 "Dam Failure Inundation Zone," Riverside County Flood Control District Flood Hazard Report/Condition, GIS database

Findings of Fact:

a-d) The project lies within FEMA Flood Zone C. There are two intermittent blueline streams that cross the project from north to south in the central portion of the site. The northern quarry remains unchanged in this revision from the previously approved plan (SMP161R4). Mitigation measures are incorporated as part of the project so that the mining operations ensures that off-site storm runoff through the property outlets are in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining operation (COA 10.PLANNING. 16). Therefore impacts are considered less than significant with mitigation measures incorporated. It is not anticipated that absorption rates will be substantially affected by the implementation of the proposed R5 project due to the fact that it is not proposing any significant grading, building, or surfacing activities that would increase the rate of surface runoff. The project will not expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam. The project is not located in area susceptible to the impacts of the failure of a levee or dam. The proposed project is not expected to change the amount of surface water in any body of water because there is no natural water body located on the project site. Therefore impacts are considered less than significant.

Mitigation: During the proposed mining operations, ensure that off-site storm runoff through the property outlets are in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining operation (COA 10. PLANNING. 16).

Monitoring: Annual inspections by the Department of Building and Safety shall ensure compliance with Riverside County Ordinance No. 555 and the approved Reclamation Plan.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
LAND USE/PLANNING Would the project				
27. Land Use				
a) Result in a substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Affect land use within a city sphere of influence and/or within adjacent city or county boundaries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan, GIS database, Project Application Materials

Findings of Fact:

a-b) The proposed project is to modify and extend the life of a use that currently exists on the subject site. The surface mining facility is consistent with the current Open Space: Mineral Resources (OS: MIN) and Rural (OS: RUR) General Plan land use designation as well as the current Watercourse, Watershed and Conservation Areas (W-1) and Mineral Resources and Related Manufacturing (M-R-A) zoning for the site. The project is located in an isolated area significantly removed from urban residential development, surrounded by vacant rural land and existing similar surface mining facilities. The project would not result in the substantial alteration of the present or planned land use of the area. In addition the project is not located within a city sphere of influence, nor is it located adjacent to any city boundaries. Therefore, the impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

28. Planning				
a) Be consistent with the site's existing or proposed zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Be compatible with existing surrounding zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be compatible with existing and planned surrounding land uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be consistent with the land use designations and policies of the General Plan (including those of any applicable Specific Plan)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan Land Use Element, Riverside County Ordinance No. 348 Staff review, GIS database

Findings of Fact:

a-e) The current zoning for the proposed project are Watercourse, Watershed and Conservation Areas and Mineral Resources and Related Manufacturing. The proposed project would be consistent with the site's existing zoning as both zones list the proposal as an allowable use with an approved Surface Mining Permit. The parcels immediately surrounding the subject site also has a zoning of

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Watercourse, Watershed and Conservation Areas, and therefore, the proposal would be compatible with the zoning of the surrounding parcels as well. A mining operation currently exists on the subject site as well as on a parcel to the west of the subject site, and therefore, the proposed project would be compatible with the existing and planned surrounding land uses. The land use designation for the proposed project where the area where the surface mining facilities operate is consistent with the Open Space: Mineral Resources land use designation. As the subject site is predominantly surrounded by vacant land, the proposal would not disrupt or divide the physical arrangement of an established community. The nearest single family home is approximately 1.5 miles south of the project. Therefore, the impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

MINERAL RESOURCES Would the project

29. Mineral Resources

a) Result in the loss of availability of a known mineral resource that would be of value to the region or the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be an incompatible land use located adjacent to a State classified or designated area or existing surface mine?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose people or property to hazards from proposed, existing or abandoned quarries or mines?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan Figure OS-5 "Mineral Resources Area," SMARA

Findings of Fact:

a-b) The proposal would not result in the loss of availability of a known mineral resource that would be of value to the region or the residents of the State and is consistent with applicable zoning and mining regulations. The proposal provides the availability of these resources for beneficial consumption as intended by SMARA and the State Mineral Land Classification and Designation program. Nor would the proposal result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan. Therefore impacts are considered less than significant.

c-d) The subject site is surrounded by vacant parcels and existing mining operations. As such, the proposal would not be an incompatible land use located adjacent to a State classified or designated area or existing surface mine, nor would the project expose people or property to hazards from proposed, existing or abandoned quarries or mines. The nearest non-surface mining use is a single family residence approximately 1.5 miles south of the project. Therefore impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Monitoring: No Monitoring Measures are required

NOISE Would the project result in

Definitions for Noise Acceptability Ratings

Where indicated below, the appropriate Noise Acceptability Rating(s) has been checked.

NA - Not Applicable

A - Generally Acceptable

B - Conditionally Acceptable

C - Generally Unacceptable

D - Land Use Discouraged

30. Airport Noise

a) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport would the project expose people residing or working in the project area to excessive noise levels?

NA A B C D

b) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

NA A B C D

Source: Riverside County General Plan Figure S-19 "Airport Locations," County of Riverside Airport Facilities Map

Findings of Fact:

a-b) The subject site is not located within an Airport Land Use Plan or within the vicinity of a public or private airport; therefore, the proposal would not expose people residing or working in the project area to excessive noise levels. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

31. Railroad Noise

NA A B C D

Source: Riverside County General Plan Figure C-1 "Circulation Plan", GIS database, On-site Inspection

Findings of Fact:

The subject site is not located within the vicinity of any railroad tracks. No impacts would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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32. Highway Noise

NA A B C D

Source: On-site Inspection, Project Application Materials, Department of Industrial Hygiene Noise review

Findings of Fact:

The proposed project is located approximately 6 miles north of the nearest highway; I-10 freeway. It has been determined by the Department of Industrial Hygiene that noise from the highway would not significantly impact this project due to the significant distance between the highway and the project, and the noise generated from the existing project and surrounding surface mining facilities. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

33. Other Noise

NA A B C D

Source: Project Application Materials, GIS database

Findings of Fact:

No other noise pollution sources are anticipated to impact the project site. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

34. Noise Effects on or by the Project

a) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

b) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

c) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

d) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Riverside County General Plan, Table N-1 ("Land Use Compatibility for Community Noise Exposure"); Project Application Materials, Noise study prepared by Revey Associates, Department Of Industrial Hygiene review

Findings of Fact:

a-d) The noise levels of the mining activities and trucks entering and leaving the project site are anticipated to be of low impact to the surrounding existing properties as the project is surrounded by vacant rural land and existing surface mining facilities. The nearest single family residence is located approximately 1.5 miles south of the project. No significant noise impacts would occur from the other proposed project operations. No change is proposed to annual production volumes. Noise impacts associated with haul trucks to and from the project would be less than significant. The use of explosives is being proposed as part of the R5 project. The noise study prepared by Revey Associates which was reviewed by the Department of Industrial Hygiene concluded that resulting ground borne vibration and ground born noise impacts to the nearest homes will be below significant levels and that vibration levels created by the blasting at locations greater than 1,900 feet should be acceptable. Mitigation measures controlling the time of the blasts, blast specifications, and blasting processes have been incorporated to ensure that impacts are less than significant (COA 20.E HEALTH.1 and 10.PLANNING.3, 10.PLANNING.4)

Any noise complaints will be referred to Riverside County Office of Industrial Hygiene for review by Certified Industrial Hygienist for analysis. Ordinance No. 847 of the County of Riverside, Regulating Noise, will regulate all noise complaints.

Mitigation: Condition of Approval 10.PLANNING.3, 10.PLANNING.4 and 20.E HEALTH.1 requires the project to comply with the recommendations made by the Industrial Hygiene Department and Noise Study

Monitoring: Monitoring Measures will be achieved through the Building and Safety plan check process and inspections by the Department of Building and Safety

POPULATION AND HOUSING Would the project

35. Housing

a) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a demand for additional housing, particularly housing affordable to households earning 80% or less of the County's median income?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Affect a County Redevelopment Project Area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Cumulatively exceed official regional or local population projections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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roads or other infrastructure)?

Source: Project Application Materials, GIS database, Riverside County General Plan Housing Element

Findings of Fact:

a-f) The project, a revision to an approved surface mining facility will not displace existing housing or people, nor create a demand for additional housing. Growth will not be induced by the project nor will the project affect a County designated Redevelopment Area. As the mine is currently operating with existing employees, it is expected that any additional employees as a result of the project would come from the local labor pool. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

PUBLIC SERVICES Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

36. Fire Services

Source: Riverside County General Plan Safety Element

Findings of Fact:

As the mine is currently operational and the proposed revisions to the permit would not create a substantial need for additional fire services, potential impacts to fire services are not anticipated. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

37. Sheriff Services

Source: Riverside County General Plan

Findings of Fact:

As the mine is currently operational and the proposed revisions to the permit would not create a substantial need for additional sheriff services, potential impacts to sheriff services are not anticipated. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Monitoring: No Monitoring Measures are required

38. Schools

Source: Staff Review

Findings of Fact:

It is not anticipated that any additional students will need to enter Desert Sands Unified School District as a result of the project; therefore no impacts are foreseeable. As the mine is currently operating with existing employees, it is expected that any additional employees as a result of the project would come from the local labor pool; therefore, a need for additional schools is not anticipated. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

39. Libraries

Source: Riverside County General Plan

Findings of Fact:

As the mine is currently operational and the proposed revisions to the permit would not generate a need for additional library facilities, potential impacts to library facilities are not anticipated. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

40. Health Services

Source: Riverside County General Plan

Findings of Fact:

It is not anticipated that additional health services will be required as a result of the project. As the mine is currently operational, the project would not generate additional residents needing these services. It is expected that any additional employees as a result of the project would come from the local labor pool. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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RECREATION

41. Parks and Recreation

a) Would the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

b) Would the project include the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

c) Is the project located within a Community Service Area (CSA) or recreation and park district with a Community Parks and Recreation Plan (Quimby fees)?

Source: GIS database, Ord. No. 659 (Establishing Development Impact Fees), Parks & Open Space Department Review

Findings of Fact:

a) The project does not include recreational facilities nor does the project require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. No impact would occur.

b) The project does not include the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. No impact would occur.

c) The subject site is not located within a CSA and as a mining operation is not subject to Quimby fees. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

42. Recreational Trails

Source: Riv. Co. 800-Scale Equestrian Trail Maps, Open Space and Conservation Map for Western County trail alignments

Findings of Fact:

The Western Coachella Valley Area Plan identifies a Class I Bike Path/Regional Trail along Dillon Road. The General Plan has identified Regional Trails as the main trails within the County that are designed to eventually provide linkages between areas which could be quite distant from each other. Regional Trails are also designed to connect with State and Federal trails as well as trails within other jurisdictions. According to review by the Riverside County Park and Open Space District, the Dillon Road Design Guidelines are in the process of being prepared for adoption. The design guidelines will provide for a trail on both sides of Dillon Road; therefore, maintaining consistency with the General Plan. There is no significant impact to recreational trails as a result of the proposed project. The

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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applicant has been conditioned to provide the necessary 20-foot dedication easement for the bike trail along Dillon Road which is to be located entirely outside of the road right-of-way for trail purposes. This is a standard condition and aspect of design of the project and therefore, is not considered unique mitigation pursuant to CEQA. Therefore impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No monitoring measures are required.

TRANSPORTATION/TRAFFIC Would the project

43. Circulation

a) Conflict with an applicable plan, ordinance or policy establishing a measure of effectiveness for the performance of the circulation system, taking into account all modes of transportation, including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

d) Alter waterborne, rail or air traffic?

e) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?

f) Cause an effect upon, or a need for new or altered maintenance of roads?

g) Cause an effect upon circulation during the project's construction?

h) Result in inadequate emergency access or access to nearby uses?

i) Conflict with adopted policies, plans or programs regarding public transit, bikeways or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?

Source: Riverside County General Plan, Trip Generation Assessment prepared by George Dunn Engineering dated December 12, 2013, Transportation Department Review

Findings of Fact:

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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- a) The General Plan circulation policies require a minimum of Level of Service 'C', except that Level of Service 'D' may be allowed in community development areas at intersections of any combination of secondary highways, major highways, arterials, urban arterials, expressways or state highways and ramp intersections. A Transportation Generation Assessment was prepared by George Dunn Engineering dated December 12, 2013, and it indicated that the project will generate 18 new peak hour trips. Given that this number is less than 100 vehicle trips during peak hours, the Transportation Department has determined that a traffic study was not warranted and therefore, the project is consistent with all County transportation plans. Therefore, impacts are considered less than significant.
- b) The Transportation Department has determined that the project will not exceed either individually or cumulatively, a level of service standard established by the county congestion management agency for designated road or highways. The project will not generate significant amounts of vehicle trips to significantly impact level of service standards on Dillon Road and roads in the vicinity, and therefore will not create any significant traffic congestion. Therefore, impacts are considered less than significant.
- c) The proposed project is not located within an Airport Influence Area. The project will not change air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. Therefore, no impact will occur.
- d) The proposed project is not located near any waterborne, railroads or air traffic patterns. Therefore, no impact will occur.
- e) The proposed project will not substantially increase hazards to a design feature (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment). Street improvements as conditioned by the project will in fact make the local streets less dangerous through lane improvements, striping programs etc. The project has installed existing street improvements such as acceleration/deceleration lanes and striping at the common entrance to West Coast site and Simons Ready Mix Site to further mitigate potential hazards as part of the previous revision. Therefore, the impacts are considered less than significant.
- f) The proposed project will create an incremental increase in vehicle trips to this area, thus creating an increase in road maintenance. The project has been conditioned to provide street improvements (COA 10.TRANS.1) that will help improve and maintain the roads condition in a safe and working manner. With the incorporation of these improvements, any impacts on existing roads will be less than significant.
- g) The proposed project will result in short temporary impacts to circulation during construction activities as there is little construction activities being proposed as part of the R5 project. Temporary circulation impacts resulting from construction activities may occur. During construction activities, the traffic flow will be maintained to the highest level possible with the use of standard traffic control devices. Typical traffic control measures include warning signs, warning lights, and flaggers. Implementation of traffic control measures will provide guidance and navigational tools throughout the project area in order to maintain traffic flow and levels of safety during construction. The impacts are considered less than significant.
- h) The proposed project will not result in inadequate emergency access or access to nearby uses. The project has access on Dillon Road, providing access for emergency vehicles to access and exit

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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the project site. Dillon Road leading up to the project is paved and with some street improvements, providing a secure and safe paved route for emergency vehicles to access the site. The impacts are considered less than significant.

i) The proposed project will not conflict with adopted policies supporting alternative transportation. The proposed use, a surface mining facility, detached and far away from urbanized areas is not a suitable candidate to provide for bicycle racks and bus turnouts due to the extreme physical nature of the project as well as the lack of density located in the project vicinity. Having the use of bicycles onsite will actually increase the risk and safety of personnel, and is therefore not being required. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No monitoring measures are required.

44. Bike Trails

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Riverside County General Plan

Findings of Fact:

The Western Coachella Valley Area Plan identifies a Class I Bike Path/Regional Trail along Dillon Road. The General Plan has identified Regional Trails as the main trails within the County that are designed to eventually provide linkages between areas which could be quite distant from each other. Regional Trails are also designed to connect with State and Federal trails as well as trails within other jurisdictions. According to review by the Riverside County Park and Open Space District, the Dillon Road Design Guidelines are in the process of being prepared for adoption. The design guidelines will provide for a trail on both sides of Dillon Road; therefore, maintaining consistency with the General Plan. There is no significant impact to recreational trails as a result of the proposed project. The applicant has been conditioned to provide the necessary 20-foot dedication easement for the bike trail along Dillon Road which is to be located entirely outside of the road right-of-way for trail purposes. This is a standard condition and aspect of design of the project and therefore, is not considered unique mitigation pursuant to CEQA. Therefore impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

UTILITY AND SERVICE SYSTEMS Would the project

45. Water

a) Require or result in the construction of new water treatment facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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b) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Department of Environmental Health Review

Findings of Fact:

a-b) Water will be acquired via the onsite wells located near the project entrance and adjacent to the block plant. During times of increased production, the sand and gravel operation will consume approximately 240,000 gallons per day and reprocessing of water will allow 70% reclamation rates. A total average of 260,000 gallons per day will be consumed by all project operations, including the block plant (and all batch and processing plants) during maximum production periods. Per the Riverside County Department of Environmental Health's review, currently there is an unregulated water system serving the subject site due to the number of on-site employees. If there are more than 25 on-site employees more than 60 days of the years, then it will become a regulated water system (COA 10.E HEALTH.1). Based on this condition, the project will not result in the construction of new water treatment facilities and has sufficient water capacities to serve the project. The consumption of 260,000 gallons per day includes the existing block plant, ready mix batch plant and all other mine processing operations. No change is proposed in the water consumption as part of the proposed R5 project. This is a standard condition and aspect of design of the project and therefore, is not considered unique mitigation pursuant to CEQA. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

46. Sewer

a) Require or result in the construction of new wastewater treatment facilities, including septic systems, or expansion of existing facilities, the construction of which would cause significant environmental effects?

b) Result in a determination by the wastewater treatment provider that serves or may service the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Source: Department of Environmental Health Review

Findings of Fact:

a-b) The sewage generated onsite may be disposed in the existing onsite septic system which is subject to review by the Regional Water Quality Control Board. In addition, there are portable toilets stationed throughout the quarry site and plant as needed. These portable facilities will be properly maintained and cleaned. No public sewer service will be required. Per review completed by the Riverside County Department of Environmental Health, portable toilets may be provided and used on a temporary basis not to exceed 6 months in duration (COA 10.E HEALTH.3). Portable toilet guidelines are outlined in resolution 91-474 under County of Riverside Ordinance No. 712. If portable toilets are to be used in excess of 6 months, written authorization from the County Health Officer will

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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be required. This is a standard condition and aspect of design of the project and therefore, is not considered unique mitigation pursuant to CEQA. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

47. Solid Waste

a) Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Does the project comply with federal, state, and local statutes and regulations related to solid wastes including the CIWMP (County Integrated Waste Management Plan)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan, Riverside County Waste Management District staff review

Findings of Fact:

a-b) Solid waste will be generated by the project in the form of mining wastes (silts, fines, etc.) and common rubbish/trash. Per Riverside County Waste Management, if recycling were to be proposed at the project site in the future, such operation shall be required to document the material types, their origin and volume. Records documenting this information shall be available to the Riverside County Waste Management Department. Aggregate related mining wastes will be utilized for sale or onsite during reclamation activities. Other solid wastes will be transported to an approved landfill. This is a standard condition and aspect of design of the project and therefore, is not considered unique mitigation pursuant to CEQA. Therefore, impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

48. Utilities

Would the project impact the following facilities requiring or resulting in the construction of new facilities or the expansion of existing facilities; the construction of which could cause significant environmental effects?

a) Electricity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Natural gas?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Communications systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Storm water drainage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Street lighting?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Other governmental services?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source:

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact:

a-f) It is not anticipated that the project would impact facilities related to electricity, natural gas, communications systems, storm water drainage, street lighting, the maintenance of public facilities, including roads or other governmental services in such a manner that would require or result in the construction of new facilities or the expansion of existing facilities. The project already exists and operates utilizing existing utilities and roads that have been constructed as part of the previous approval. Therefore impacts are considered less than significant.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

49. Energy Conservation

a) Would the project conflict with any adopted energy conservation plans?

Source:

Findings of Fact:

The County has not adopted any energy conservation plans, nor do any State or Federal energy conservation plans apply to the project site. The proposed project will meet all requirements of Title 24 California Code of Regulations construction for energy savings. The proposed project would not conflict with any adopted energy conservation plans. No impact would occur.

Mitigation: No Mitigation Measures are required

Monitoring: No Monitoring Measures are required

OTHER

50. Other:

Source: Staff review

Findings of Fact:

Mitigation:

Monitoring:

MANDATORY FINDINGS OF SIGNIFICANCE

51. Does the project have the potential to substantially

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Source: Staff review, Project Application Materials

Findings of Fact:

Implementation of the proposed project would not substantially degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife populations to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory.

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 52. Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, other current projects and probable future projects)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Source: Staff review, Project Application Materials

Findings of Fact:

The project does not have impacts which are individually limited, but cumulatively considerable.

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 53. Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Source: Staff review, project application

Findings of Fact:

The proposed project would not result in environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly.

VI. EARLIER ANALYSES

Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration as per California Code of Regulations, Section 15063 (c) (3) (D). In this case, a brief discussion should identify the following:

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Earlier Analyses Used, if any:

Location Where Earlier Analyses, if used, are available for review:

Location: County of Riverside Planning Department
 4080 Lemon Street, 12th Floor
 Riverside, CA 92505

VII. AUTHORITIES CITED

Authorities cited: Public Resources Code Sections 21083 and 21083.05; References: California Government Code Section 65088.4; Public Resources Code Sections 21080(c), 21080.1, 21080.3, 21082.1, 21083, 21083.05, 21083.3, 21093, 21094, 21095 and 21151; *Sundstrom v. County of Mendocino* (1988) 202 Cal.App.3d 296; *Leonoff v. Monterey Board of Supervisors* (1990) 222 Cal.App.3d 1337; *Eureka Citizens for Responsible Govt. v. City of Eureka* (2007) 147 Cal.App.4th 357; *Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th at 1109; *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656.

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06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 1

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

EVERY DEPARTMENT

10. EVERY. 1

SMP - PROJECT DESCRIPTION

RECOMMND

The proposal is for a revision to the existing surface mining permit (SMP161R4) to: increase the depth of the excavation area, extend the project life from 25 years to 55 years, incorporation of drill and blast mining techniques, relocate permitted asphalt plant equipment within the existing permitted mine site, allow import, processing, stockpiling and sale of recycled inert construction debris such as broken asphalt and concrete, allow modifications to the equipment and layout of the asphalt plant area to import, stockpile, and process recycled asphalt product, allow 24-hour operation of the asphalt plant, and increase the reclamation plan northern boundary by 17 acres to accommodate potential headward erosion from the North Quarry Area for a total proposed reclamation plan area of 387.5 acres. No change to the maximum annual quantity of 1.8 million tons is proposed, but the cumulative amount to be mined over the project life will increase from 28 million tons to 55 million tons.

10. EVERY. 2

SMP - HOLD HARMLESS

RECOMMND

The applicant/permittee or any successor-in-interest shall defend, indemnify, and hold harmless the County of Riverside (COUNTY), its agents, officers, or employees from any claim, action, or proceeding against the COUNTY, its agents, officers, or employees to attack, set aside, void, or annul an approval of the COUNTY, its advisory agencies, appeal boards, or legislative body concerning SMP00161R5. The COUNTY will promptly notify the applicant/permittee of any such claim, action, or proceeding against the COUNTY and will cooperate fully in the defense. If the COUNTY fails to promptly notify the applicant/permittee of any such claim, action, or proceeding or fails to cooperate fully in the defense, the applicant/permittee shall not, thereafter, be responsible to defend, indemnify, or hold harmless the COUNTY.

10. EVERY. 3

SMP - DEFINITIONS

RECOMMND

The words identified in the following list that appear in all capitals in the attached conditions of Surface Mining Permit No. 161R5, shall be henceforth defined as follows:

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 2

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10. EVERY. 3 SMP - DEFINITIONS (cont.)

RECOMMND

APPROVED EXHIBIT A = Surface Mining Permit No.161
Revised Permit No.5 Amended No.4
Exhibit A (mining plan), dated 2/14/14
Exhibit A-1 (cross section), dated 2/14/14
Exhibit B (reclamation plan), dated 2/14/14
Exhibit B-1 (sales yard), dated 2/14/14
Exhibit C (project mining and reclamation plan), dated
2/14/14

BS GRADE DEPARTMENT

10.BS GRADE. 2 SMP- ANNUAL REPORT INFO

RECOMMND

The operator shall submit to the Building & Safety Department with the annual report the following information (This report shall be prepared by a qualified professional).

- 1) New topography maps detailing disturbed land and proximity to permit boundaries and property lines.
- 2) Certify maximum depth of excavated areas.
- 3) Provide quantity in cubic yards and tons of minerals mined during the reporting period.
- 4) Certify all excavated areas are within the limits of the Surface Mining Permit/Reclamation Plan.
- 5) Provide data indicating any reclaimed land during the reporting period.
- 6) A licensed engineering geologist or geotechnical engineer shall inspect all excavated slopes within the permitted boundaries (active and inactive) for slope stability. The operator shall provide to the Building and Safety Department a copy of the inspection report.

NOTE: At least every three years of operation, the operator shall provide to the Building and Safety Department, aerial topography showing incremental and total changes to excavations. This will include cross-sectional maps showing berms, slope angles and benches of all excavations.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 3

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 3 SMP- ANNUAL F.A.C.E.

RECOMMND

Each year after the 1st year of land disturbed under this Surface Mining Permit, Reclamation Plan or Substantial Conformance, the operator shall REVIEW & UPDATE the financial assurance on file with the County of Riverside. The operator shall submit a new cost estimate to the Building & Safety Department for review. The updated cost estimate shall include at least any new disturbed land, reclaimed land and allow for a yearly inflation factor.

All cost estimate shall utilize the guidelines outlined by the California Department of Conservation and the requirements of SMARA as outlined in the California Resources Code section 2773.1(a)(3), 2774(c), 3804, 3805 and 3805.5 and County of Riverside Ordinance 555 or as amended in the future.

10.BS GRADE. 4 SMP- PROPERTY LINE SETBACKS

RECOMMND

There shall be a graded setback from all property lines of not less than 50 feet from all cut/fill slopes.

Within the setback area, the four foot vertical height safety berm can be installed.

In all other areas within the boundaries of the Reclamation Plan/Surface Mining Permit where mining will not take place, the provisions of Riverside County Grading Ordinance 457 shall be followed.

10.BS GRADE. 5 SMP- NPDES/SWPPP

RECOMMND

Prior to issuance of any grading or construction permits - whichever comes first - the applicant shall provide the Building and Safety Department evidence of compliance with the following: "Effective March 10, 2003 owner operators of grading or construction projects are required to comply with the N.P.D.E.S. (National Pollutant Discharge Elimination System) requirement to obtain a construction permit from the State Water Resource Control Board (SWRCB). The permit requirement applies to grading and construction sites of "ONE" acre or larger. The owner operator can comply by submitting a "Notice of Intent" (NOI), develop and implement a STORM WATER POLLUTION PREVENTION PLAN (SWPPP) and a monitoring program and reporting plan for the construction site. For additional information and to obtain a copy of the NPDES State Construction Permit contact the

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 4

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 5 SMP- NPDES/SWPPP (cont.) RECOMMND

SWRCB at (916) 657-1146.

10.BS GRADE. 6 SMP- PM-10 REDUCTION RECOMMND

SURFACE MINING OPERATIONS LOCATED WITHIN THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT SHALL COMPLY WITH RULE 1157 "PM-10 EMISSION REDUCTION FROM AGGREGATE AND RELATED OPERATIONS". THE OPERATOR SHALL HAVE A COPY OF ALL INSPECTIONS CONDUCTED BY THE DISTRICT AVAILABLE FOR THE CURRENT ANNUAL SURFACE MINE INSPECTION.

10.BS GRADE. 7 SMP-HAZMAT GENERATOR PERMIT RECOMMND

Surface mining operations shall obtain from County of Riverside, Department of Environmental Health, Hazardous Materials Management Division, a "HAZARDOUS MATERIALS GENERATOR'S PERMIT" for this specific location. The operator shall have a copy of all inspections conducted by HAZMAT, available for the current Annual Surface Mine inspection.

10.BS GRADE. 8 SMP-BUILDING/GRADING PERMIT RECOMMND

THE PROVISIONS OF ALL RIVERSIDE COUNTY ORDINANCES SHALL APPLY DURING THE LIFE OF THIS SURFACE MINING PERMIT/ RECLAMATION PLAN, SPECIFICALLY, ORDINANCE 457 SHALL APPLY FOR ALL BUILDING PERMITS AND OTHER CONSTRUCTION WITHIN THE SURFACE MINING BOUNDARIES AND PROPERTY LINES OF SAID PARCELS. GRADING PERMITS SHALL BE OBTAINED PRIOR TO THE ISSUANCE OF ANY BUILDING PERMITS, THE OPERATOR SHALL OBTAIN APPROVAL TO CONSTRUCT FROM THE BUILDING AND SAFETY DEPARTMENT.

10.BS GRADE. 9 SMP- GEOTECH/SOILS RPTS RECOMMND

Prior to the issuance of a building permit, a Geotechnical soils report shall be submitted to the Building & Safety Department for review and approval. All grading for structures shall be in conformance with the recommendations of the geotechnical soils reports as approved by Riverside County.

The geotechnical/soils, compaction and inspection reports will be reviewed in accordance with the RIVERSIDE COUNTY GEOTECHNICAL GUIDELINES FOR REVIEW OF GEOTECHNICAL AND GEOLOGIC REPORTS.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 5

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 10 SMP- FAULT LOCATIONS RECOMMND

Prior to issuance of any building permit, the operator shall have a licensed professional, clearly delineate on maps and in the field any portions of the property, which are located within the "Fault Hazard Zone". No structures or any part thereof shall be located in those areas.

10.BS GRADE. 11 SMP- SLOPE STABL'TY REPORT RECOMMND

A slope stability report shall be submitted to and approved by the County Geologist for all proposed cut or fill slopes steeper than 2:1 (horizontal:vertical) or over 30 feet in vertical height - unless addressed in a previous report.

10.BS GRADE. 12 SMP- DRAINAGE DESIGN Q-100 RECOMMND

All drainage facilities shall be designed in accordance with Riverside County Flood Control & Water Conservation District's requirements to accommodate 100 year storm flows.

10.BS GRADE. 13 SMP- OFFSITE EXCAVATION RECOMMND

ANY OFF SITE (outside of the Surface Mine Permit/ Reclamation Plan/Substantial Conformance) EXCAVATIONS OR GRADING requires a grading permit. It shall be the responsibility of the operator to obtain proposed or required easements and/or permissions necessary to perform the proposed excavations/grading.

10.BS GRADE. 15 SMP- MISCELLANOUS INSPECT RECOMMND

In addition to the Special Inspection for the Annual Report, at any time during normal business hours, persons from the Building & Safety Department may conduct a site inspection for compliance with the conditions of approval, complaints by individuals or other reasons as identified at that time.

10.BS GRADE. 16 SMP- CONTRACTOR EQUIPMENT RECOMMND

All non-mining equipment must be stored in a designated area permitted for "Contractor Storage".

A "Contractor Storage" permit must be obtained from the Planning Department prior to storage of any non-mining equipment.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 6

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 17 SMP- TRASH & DEBRIS

RECOMMND

The parcel(s) where the mine is located shall be kept free of trash (including old tires) and other debris. There shall be no importing of recyclable materials or construction debris without specific permit for that activity, other than what is expressly approved as part of this project; concrete and asphalt recycling.

10.BS GRADE. 18 SMP- QUARRY SIGNS

RECOMMND

Signs shall be installed at the top of all manufactured slopes (cut or fill), at intervals not greater than 100 lineal feet.

Each sign shall read "DANGER" "OPEN PIT MINE" "STEEP SLOPE". Signs shall be at least 18" X 18" square with contrasting background to lettering. (ie: white background and black lettering).

Perimeter signs around the approved Reclamation Plan or Surface Mine boundaries shall be installed not greater than 250 lineal feet. Each sign shall read "DANGER" "KEEP OUT" and "MINERAL RESOURCE ZONE" or "SURFACE MINING OPERATION". All signs shall be with contrasting lettering/background.

10.BS GRADE. 19 SMP- BENCHES & SLOPES

RECOMMND

During the mining operation, on the working faces of the quarry wall, benches shall be installed at no more than 30 feet in vertical height intervals or not higher than the equipment being used can reach to extract material. Each bench shall be a minimum of 15' in width.

Working slopes below benches shall not be steeper than 1:1 (horizontal to vertical). Finished slopes may not exceed 2:1 unless it has been demonstrated to be stable by the engineering geologist and geotechnical engineer and is approved by the Building and Safety Department and County Geologist.

10.BS GRADE. 20 SMP- SAFETY BERMS

RECOMMND

A four (4) foot, minimum vertical height, SAFETY BERM shall be installed at the top of all cut/fill slopes (including roads).

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 7

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 21 SMP- VEHICLE STORAGE

RECOMMND

There shall be no storage of passenger vehicles, campers, travel trailers or other personal property that is not related directly to the mining of minerals at this site.

10.BS GRADE. 22 SMP- TEMPORARY OFFICE

RECOMMND

Temporary/portable office trailers are permitted providing they are installed after a building permit is obtained.

Other structures for night watchman security must be installed or constructed by building permit.

10.BS GRADE. 24 SMP- IMPORTING VEGETATION

RECOMMND

There shall be no importing and/or storage of any cut vegetation without specific approval of the Planning Department and the Environmental Health Department.

10.BS GRADE. 25 SMP- FENCING OF PERIMETER

RECOMMND

There shall be a fence and locked gates erected along the outer boundary of the active surface mining areas and processing plant. The fence shall be maintained at all times during the operation, and shall consist of a chain link or barbed wire fencing in areas of steep topography, as approved by the Planning Director.

Fencing, gates and perimeter signs are required for safety and to prevent/limit unauthorized access to the site.

10.BS GRADE. 27 SMP- BUSINESS REGISTRATION

RECOMMND

Any person or entity that owns or operates a business within the unincorporated area of Riverside County, as defined in Riverside County Ordinance No. 857, shall obtain a business license. For more information regarding business registration, contact the Business Registration and License Program Office of the Building and Safety Department at www.rctlma.org/buslic.

10.BS GRADE. 28 SMP- SECONDARY CONTAINMENT

RECOMMND

Hazardous materials stored on site such as diesel fuel, oils and solvents which are consumed by operating equipment shall be covered and provided with secondary containment.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 8

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.BS GRADE. 28 SMP- SECONDARY CONTAINMENT (cont.) RECOMMND

Spill prevention Best Management practices (BMPs) shall be available on site.

10.BS GRADE. 29 SMP - GTE EASEMENT RECOMMND

No material processing activities or mining excavations shall be conducted within the 100' wide GTE Easement. The GTE Easement shall be clearly delineated on site.

BS PLNCK DEPARTMENT

10.BS PLNCK. 1 USE - BUILD & SAFETY PLNCK RECOMMND

If the relocation of the current plant equipment or future equipment, or structures that would require permanent anchoring, as required by the current California Building Code, building permit(s) shall be obtained from the Building Department prior to such work.

E HEALTH DEPARTMENT

10.E HEALTH. 1 SMP-DOMESTIC WATER RECOMMND

Currently there is an unregulated water system serving this site due to the amount of onsite employees. If there are more than 25 onsite employees more than 60 days of the year, then it will become a regulated water sytem. Since it is currently unregulated, restroom facilities can not be made available to the public.

10.E HEALTH. 2 SMP-LEA CONDITIONS RECOMMND

1. No materials may be buried at this site without a permit from the Environmental Resources Management Division, Local Enforcement Agency (LEA).
2. All trash must be removed to an approved disposal facility.
3. No processing or chipping and grinding of recycled materials with out LEA approval is allowed.

10.E HEALTH. 3 PORTABLE TOILETS RECOMMND

Portable toilets may be provided and used on a temporary basis. Portable toilet guidelines are outlined in the County of Riverside, Board of Supervisours Resolution Order 91-474.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 9

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.E HEALTH. 4 ORDINANCE 650.5 - OWTS/ATU RECOMMND

If any new onsite wastewater treatment units (OWTS) and/or advanced treatment units (ATU) are proposed, all requirements under County of Riverside Ordinance 650.5 as well as the Department of Environmental Health (DEH) Technical Guidance Manual will apply.

FIRE DEPARTMENT

10.FIRE. 1 SMP-#50-BLUE DOT REFLECTORS RECOMMND

Blue retroreflective pavement markers shall be mounted on private streets, public streets and driveways to indicate location of fire hydrant(s). Prior to installation, placement of markers must be approved by the Riverside County Fire Department.

10.FIRE. 2 SMP-#23-MIN REQ FIRE FLOW RECOMMND

Minimum required fire flow shall be 1500 GPM for a 2 hour duration at 20 PSI residual operating pressure, which must be available before any combustible material is placed on the job site. Fire flow is based on type V-B construction per the California Building Code and Building(s) having a fire sprinkler system.

10.FIRE. 3 SMP-#20-SUPER FIRE HYDRANT RECOMMND

Super fire hydrants(s) (6"x4"x 2-2 1/2") shall be located not less than 25 feet or more than 165 feet from any portion of the building as measured along approved vehicular travel ways.

10.FIRE. 4 SMP-#89-RAPID HAZMAT BOX RECOMMND

Rapid entry Hazardous Material data and key storage cabinet shall be installed on the outside of the building. Plans shall be submitted to the Riverside County Fire Department for approval prior to installation.

10.FIRE. 5 SMP-#25-GATE ENTRANCES RECOMMND

Gate entrances shall be at least two feet wider than the width of the traffic lane(s) serving that gate. Any gate providing access from a road to a driveway shall be located at least 30 feet from the roadway and shall open to allow a vehicle to stop without obstructing traffic on the road.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 10

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.FIRE. 5 SMP-#25-GATE ENTRANCES (cont.)

RECOMMND

Where a one-way road with a single traffic lane provides access to a gate entrance, a 38 foot turning radius shall be used.

10.FIRE. 6 SMP-#88A-AUTO/MAN GATE

RECOMMND

Gate(s) shall be automatic or manual operated, minimum 20 feet in width. Gate access shall be equipped with a rapid entry systems. Plans shall be submitted to the Fire Department for approval prior to installation. Automatic/manual gate pins shall be rated with shear pin force, not to exceed 30 foot pounds. Automatic gates shall be equipped with emergency backup power. Gates activated by the rapid entry system shall remain open until closed by the rapid entry system. (current plan check deposit base fee is \$126.00)

FLOOD RI DEPARTMENT

10.FLOOD RI. 1 SMP FLOOD HAZARD REPORT

RECOMMND

SMP 161 Revision 5 is a proposal to increase the depth of the excavation area and extend the current expiration date by 55 years. The facility is located approximately 12 miles northeast of Indio in the lower Berdoo Canyon area, east of Dillon Road.

The District's major concern on excavation performed in streams is headcutting, the erosion of soil upstream of a borrow pit that can cause damage to adjacent property and structures.

A large drainage area with approximately 12,000 cfs is tributary to the site from north that will result in head cutting beyond the applicant's property. According to the District's head cutting analysis the head cutting may progress up to 653' from the edge/hinge point of the borrow pit. Therefore a setback of 750' is required from the northern property line. The amended 3 exhibit retains the minimum setback of 750' from the north property line; upstream head ward erosion will not extend offsite.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 11

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

PLANNING DEPARTMENT

10.PLANNING. 3

SMP - BLASTING IMPACTS

RECOMMND

The following report, prepared by Revey Associates, Inc., March 9, 2009, was submitted for blasting impacts analysis and mitigation recommendations relative to the proposed rock blasting at this site under SMP00161R5"

"West Coast Aggregates Supply, Inc., R-C Sand & Gravel Quarry, SMP0161R5, Assessment of Rock Blasting Impacts and Recommended Practices"

This report concluded:

1.If the applicant adopts the practices and limitations proposed in this report, the author finds no issue that could prevent the execution of safe and environmentally acceptable blasting operations in the North and East Quarry Pits proposed in the revised mining permit for the R-C Quarry.

This report recommended:

- 1.Blast-hole diameter should not exceed 6.5 inches.
- 2.Charge-weight-per-delay should not exceed 500 pounds
- 3.Minimum confining rock burden on all charges shall be at least 25 charge-diameters.
- 4.All charges shall be stemmed with at least 25 charge diameters of clean washed crushed stone.
- 5.The maximum amount of explosives used in individual blasts should not exceed 25,000 pounds.
- 6.Height of blasted rock benches should not exceed 50 feet - as currently restricted by California laws.
- 7.WCAS should adopt spill cleanup procedures whereby measurable explosive spills are cleaned up immediately to prevent losses of nitrates and ammonia to the ground and neighboring water resources.
- 8.Charge-weight-per-delay should be established using scaled distance limitations to assure that PPV does not exceed 0.5 in/s at residential property, 1.0 in/s at heavy

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 12

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 3

SMP - BLASTING IMPACTS (cont.)

RECOMMND

commercial property, and 3.0 in/s in ground above buried utilities.

9.Air-overpressure measured at nearest office site structures should not exceed 133 dBL.

10.For all future blasts, it is recommended that at least one conventional blasting seismograph be deployed to measure PPV and air-overpressure at the nearest structure or utility location of concern. All monitoring should conform to the most current standards set forth by the Vibration Section of the Society of Explosives Engineers.

11.Blast benches should be wetted with sprayed water to suppress dust on days when wind speed is greater than 20 mph.

12.If WCAS hires subcontractors to perform blasting work, these limitations should be listed as specific contract requirements with any drilling and blasting contractors.

The Revey Associates, Inc. report is herein accepted for this project (RCL00161R5). The recommendations of this report shall be adhered to as maximum limits for the implementation of blasting at this site.

10.PLANNING. 4

SMP - BLASTING HOURS

RECOMMND

Mining blasting operations are to be limited to daytime hours (7:00 am to 5:00 pm) Monday through Friday.

10.PLANNING. 5

SMP - GEO02103

RECOMMND

County Geologic Report (GEO) No. 2103, submitted for this project (SMP00161R5), was prepared by C.H.J., Inc. and is entitled: "Update of Slope Stability Investigation, West Coast Aggregate Supply's Dillon Road Quarry, Indio Area, Riverside County, California", dated September 4, 2008, Job No. 08531-3. In addition, the following C.H.J. documents were submitted for this project:

"Slope Stability Investigation, West Coast Aggregate, Dillon Road Quarry, Riverside County, California", October 16, 2001.

"Response to Review Comments, County Geologic Report No.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 13

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 5 SMP - GEO02103 (cont.)

RECOMMND

2013 (sic), Update of Slope Stability Investigation, West Coast Aggregate Supply's Dillon Road Quarry, Indio Area, Riverside County, California", dated November 6, 2008.

"Response to Review Comments, County Geologic Report No. 2103, Update of Slope Stability Investigation, West Coast Aggregate Supply's Dillon Road Quarry, Indio Area, Riverside County, California", dated August 24, 2009.

These documents are herein incorporated as a par of GEO02103.

GEO02103 concluded:

1.No evidence for active faulting on the site was observed during this investigation.

2.The most significant fault to the site with respect to seismic shaking is the San Andreas Fault, approximately 2.75 miles southwest of the site.

3.Severe seismic shaking of the site can be expected to occur during the lifetime of the proposed mining and reclamation.

4.The potential for liquefaction and other shallow groundwater hazards is considered to be low to non-existent.

5.The proposed 3:1 final cut slopes up to 300 feet in height are suitably stable against gross failure for the various anticipated long term conditions, including the effects of seismic shaking.

6.The hazard due to seismically-induced dam inundation is negligible at this site.

7.Seiching is not considered to be a hazard to the proposed reclaimed quarry.

8.The proposed slopes and excavation bottoms will be as susceptible to erosion as the current natural surfaces.

GEO02103 recommended:

1.Water from the ephemeral drainages should not be allowed

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 5 SMP - GEO02103 (cont.) (cont.)

RECOMMND

to flow over the reclaimed slopes.

2.Slopes should be protected with berms and/or levees as necessary to prevent slope erosion.

3.If the pit is to be used for recharge, surface water should be conveyed into the pit through conveyance piping or other system as necessary to prevent surficial erosion of the proposed slopes.

GEO No. 2103 satisfies the requirement for a Geologic Study for Planning / CEQA purposes. GEO No. 2103 is hereby accepted for Planning purposes. This approval is not intended, and should not be misconstrued as approval for grading permit. Engineering and other building code parameters will be reviewed and additional comments and/or conditions may be imposed by the Building and Safety Department upon application for grading and/or building permits.

10.PLANNING. 6 SMP - LOW PALEO

RECOMMND

According to the County's General Plan, this site has been mapped as having a "Low Potential" for paleontological resources. This category encompasses lands for which previous field surveys and documentation demonstrates a low potential for containing significant paleontological resources subject to adverse impacts. As such, this project is not anticipated to require any direct mitigation for paleontological resources. However, should fossil remains be encountered during site development:

1.All site earthmoving shall be ceased in the area of where the fossil remains are encountered. Earthmoving activities may be diverted to other areas of the site.

2.The applicant shall retain a qualified paleontologist approved by the County of Riverside.

3.The paleontologist shall determine the significance of the encountered fossil remains.

4.Paleontological monitoring of earthmoving activities will continue thereafter on an as-needed basis by the paleontologist during all earthmoving activities that may expose sensitive strata. Earthmoving activities in areas

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 6

SMP - LOW PALEO (cont.)

RECOMMND

of the project area where previously undisturbed strata will be buried but not otherwise disturbed will not be monitored. The supervising paleontologist will have the authority to reduce monitoring once he/she determines the probability of encountering any additional fossils has dropped below an acceptable level.

5.If fossil remains are encountered by earthmoving activities when the paleontologist is not onsite, these activities will be diverted around the fossil site and the paleontologist called to the site immediately to recover the remains.

6.Any recovered fossil remains will be prepared to the point of identification and identified to the lowest taxonomic level possible by knowledgeable paleontologists. The remains then will be curated (assigned and labeled with museum* repository fossil specimen numbers and corresponding fossil site numbers, as appropriate; places in specimen trays and, if necessary, vials with completed specimen data cards) and catalogued, an associated specimen data and corresponding geologic and geographic site data will be archived (specimen and site numbers and corresponding data entered into appropriate museum repository catalogs and computerized data bases) at the museum repository by a laboratory technician. The remains will then be accessioned into the museum* repository fossil collection, where they will be permanently stored, maintained, and, along with associated specimen and site data, made available for future study by qualified scientific investigators. * The County of Riverside must be consulted on the repository/museum to receive the fossil material prior to being curated.

10.PLANNING. 9

SMP - COMPLY W/ ORD./EXHIBITS

RECOMMND

The development of these premises shall comply with the standards of Ordinance Nos. 348 and 555 and all other applicable Riverside County ordinances and state and federal codes. The development of the premises shall conform substantially with that as shown on the Mining and Reclamation Plans and Project Description, unless otherwise amended by these conditions.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 16

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 10

SMP - CAUSES FOR REVOCATION

RECOMMND

In the event the use hereby permitted under this surface mining permit, a) ceases operation for a period of one (1) year or more (unless an Interim Management Plan is approved in accordance with Ordinance No. 555), b) is found to be in violation of the terms and conditions of this permit, c) is found to have been obtained by fraud or perjured testimony, or d) is found to be detrimental to the public health, safety and welfare, or is a public nuisance, this permit shall be subject to the revocation procedures in Section 18.31 of Ordinance No. 348 and/or the applicable section of Ordinance No. 555.

10.PLANNING. 11

SMP - CONDITION REVIEW FEE

RECOMMND

All subsequent submittals required by these conditions of approval, including but not limited to a revegetation plan or mitigation monitoring shall be reviewed, with payment therefore made on an hourly basis as a "research fee," or other such fee as may be in effect at the time of submittal, as required by Ordinance No. 671.

10.PLANNING. 12

SMP - SLOPE STABILITY

RECOMMND

During the life of the permit the permittee shall comply with the recommendations concerning slope stability made in the report entitled, "WEST COAST AGGREGATE DILLON ROAD QUARRY", DATED OCTOBER 16, 2001, as referenced in Geological Study GEO2103 which are on file at the Riverside County Planning Department.

10.PLANNING. 13

SMP - SPARK ARRESTOR REQUIRED

RECOMMND

During the life of the permit, the permittee shall comply with spark arrestor requirements of the Public Resources Code, Section 4422 and all other applicable regulations as required.

10.PLANNING. 14

SMP - DUST PREVENTION MEASURE

RECOMMND

During the life of the permit, all unpaved roads, driveways and mining areas shall be kept continuously wetted while being used, and shall be treated with EPA approved dust suppressants to prevent emission of dust. Nonhazardous soil stabilizers shall be applied to all inactive surface mining areas and/pr stockpiles (previously mined areas which remain inactive for 96 hours or more).

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 17

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 15 SMP - COMPLY W/ SAFETY REQ.

RECOMMND

During the life of the permit, mining operations and practices shall comply with the Safety requirements of MSHA, OSHA, the State Division of Industrial Safety, and California Mine Safety Orders.

10.PLANNING. 16 SMP - RUNOFF OUTLETS

RECOMMND

The permitted shall during the proposed mining operations, ensure that off-site storm runoff through the property outlets are in substantially the same location as exists under the natural conditions and that the existing watercourses do not pond or stagnate at any time during the mining except as shown on the approved Exhibit A, A-1, B, B-1, and C.

10.PLANNING. 17 SMP - OPERATING HOURS

RECOMMND

The asphalt plant including trucking material to and from the plant shall operate 24 hours per day, 7 days per week and operating hours will continue to involve the 24 hour operation of the concrete block plant seven days a week. Other than maintenance or emergencies, the remaining project site operations for exaction, processing and sales shall be limited to the hours between 6 A.M. and 10 P.M., Monday through Saturday. Trucking and hauling operation shall be limited to the hours between 6 A.M. and 10 P.M. Monday through Saturday and a maximum of 10 Sundays per year.

(as modified at the Planning Commission meeting 6/18/14)

10.PLANNING. 18 SMP - LOADED TRUCK CARE

RECOMMND

All loaded trucks egressing from the subject property shall be properly trimmed with a two (2) foot freeboard height and/or covered and sprayed with water so as to minimize dust and prevent spillage onto the public roadway. In the event that spillage onto the road does occur, said spillage shall be removed immediately (within one hour of the spillage) from the road right-of-way.

10.PLANNING. 19 SMP - FIRE PREVENTION

RECOMMND

All work areas and parking areas shall be maintained free of flammable vegetation and debris at all times. No open fires shall be allowed.

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 20

SMP - CEASED OPERATION EFFECT

RECOMMND

In the event the use hereby permitted ceases operation for a period of one (1) year or more, this approval shall become null and void, unless an Interim Management Plan is submitted to the Planning Director within 90 days of becoming idle, as specified in Riverside County Ordinance No. 555. The applicant shall be responsible for the submission of the Interim Management Plan and remains responsible for the implementation of the Reclamation Plan should the permit become null and void. In addition, the applicant shall be held responsible for immediate implementation and completion of site reclamation in accordance with the approved reclamation plan.

10.PLANNING. 21

SMP - STOCKPILE PROTECTION

RECOMMND

Stockpiles shall be protected against water and wind erosion by covering with burlap or other Riverside County approved material, wetting, and/or temporary hydroseeding with native plant species.

10.PLANNING. 22

SMP - COMPLY W/ 348 STANDARDS

RECOMMND

The development of the property shall comply with all provisions of Riverside County Ordinance No. 348, Article XIIb, Section 12.62 (Specific Development and Performance Standards), except as modified by the conditions of this permit.

10.PLANNING. 24

SMP - COMPLY W/ SCAQMD RULES

RECOMMND

The permittee shall comply with all applicable South Coast Air Quality Management District (SCAQMD) rules and regulations, including but not limited to, New Source Review Regulations, Standards of Performance for Asphaltic Concrete Plants, Rule 403 for fugitive dust, and PM10 requirements.

10.PLANNING. 26

SMP - NPDES COMPLIANCE (I)

RECOMMND

The permittee shall comply with all of the applicable requirements of the National Pollution Discharge Elimination System (NPDES) and shall conform to NPDES Best Management Practices for Stormwater Pollution Prevention Plans during the life of this permit.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 19

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 27 SMP - SUSPEND OPER. FOR WIND

RECOMMND

All surface mining operations, including excavating, crushing, screening and related material loading and hauling, shall be suspended when wind speeds (as instantaneous gusts) exceed 20 miles per hour. All surface mining operations shall be suspended during first and second stage smog alerts.

10.PLANNING. 28 SMP - SIGNS NEED PERMIT

RECOMMND

No signs are approved pursuant to this use. Prior to the installation of any on-site advertising or directional signs, a signing plan shall be submitted to and approved by the Riverside County Planning Department, pursuant to the requirements of Section 18.30.a.(1) of Riverside County Ordinance No. 348 (Plot Plans not subject to the California Environmental Quality Act and not subject to review by any governmental agency other than the Planning Department), and all necessary building permits shall be obtained from the Riverside County Department of Building and Safety.

10.PLANNING. 29 SMP - RESPONSIBLE TO RECLAIM

RECOMMND

The permittee (Mine operator and/or land owner) shall accept responsibility for reclaiming the mine lands in accordance with the reclamation plan and within the time limits of said plan and in conformance with reclamation requirements and standards according to State of California Surface Mining and Reclamation Act and Riverside County Ordinance No. 555 guidelines.

10.PLANNING. 30 SMP - ANNUAL REPORT

RECOMMND

During the life of this permit, the permittee shall annually prepare and submit a written report to the Planning Director of the County of Riverside, demonstrating compliance with all the conditions of approval and mitigation for this SMP No. 161R5 and EA No.42001. The Planning Director and/or Building Director may require inspection or other monitoring to insure such compliance.

10.PLANNING. 31 SMP - BLASTING OPERATIONS

RECOMMND

Blasting shall only be conducted between the hours of 7:00 AM and 5:00 PM, Monday through Friday, except Federally recognized holidays. If an emergency situation, related to

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 31 SMP - BLASTING OPERATIONS (cont.)

RECOMMND

safety or weather conditions, should occur, blasting may occur outside of these hours. Blasting shall be performed in accordance with the following specifications, and in such a manner that noise, ground and air vibrations, and dust are maintained at levels which satisfy Federal, State and County standards:

- a. Blasting shall be conducted by a trained and licensed blaster.
- b. The explosive used for blasting work will be standard commercial products specifically designed for mine applications.
- c. Blasting shall be performed using electric or non-electric blasting systems.
- d. All blasts shall be detonated with a millisecond delay system to limit the quantity of explosive denoted per delay period and to provide for sequential control of the blast detonation.
- e. The explosives shall include bulk ANFO suitably primed for blast hole conditions.
- f. Water-resistant explosive shall be used where wet blast hole conditions exists.
- g. Explosive supplies shall be used in accordance with the technical recommendations of the manufacturer and the Institute of Markers of Explosives.
- h. All blast holes shall be carefully stemmed with inert granular material, and individual blast holes will be loaded with due recognition of instant rock fracture and burden conditions.
- i. Seismic monitoring of each blast shall be performed by an independent, qualified consultant.
- j. The mining operator shall inform the County Fire Department and Sheriff Department, prior to 4:30 PM, of the intention to blast the following day.
- k. Notify neighbors within 1,000 feet prior to a blasting episode.
- l. Prior to a blasting episode, the site shall be cleared of people, all vehicles shall be either stored undercover or at a safe distance, all surplus explosives shall be stored in a safe place, warning signals shall be sounded and visual inspection of the site shall be made to assure there are no unauthorized people in the vicinity of the blast.
- m. Blasting signals shall be posted at one or more conspicuous locations on the mining site and all employees shall be familiar with the signals and instructed as to the

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 31 SMP - BLASTING OPERATIONS (cont.) (cont.) RECOMMND

safety procedures.

n. Following a blasting episode, the area shall be inspected to assure that the blast went as planned. The "all clear" signal shall not be sounded until the licensed blaster has made a thorough visual inspection of the blast area for misfires.

o. Design of blasting configurations, i.e. drill hole pattern, diameter, depth, explosive types, quantities and delay systems shall be determined by the location of the blast, rock conditions of the area to be blasted, and distance to neighboring improvements. Determinations shall be made by drilling and visual observations, mine development plans and allowable explosive quantities per delay second.

p. The initial mine development and mine production blasts shall be limited to 2,000 pounds of explosive per eight-millisecond blast increment. Seismic monitoring at the site of mining operations shall be performed to determine the actual vibration levels from these blasts.

q. Vibratory ground motion from mine blasting shall not peak particle velocities of one inch per second.

r. Drilling shall be conducted between the hours of 6:00 AM to 6:00 PM, any day, Monday through Friday, except Federally recognized holidays.

s. Airblast at any residential structure shall not exceed 129 dBL, as measured by a sound instrument with a 6 Hz of lower flat response or 105 dBL peak, as measured by a A-weighted sound level meter.

t. Acoustic blankets shall be used around drilling operations to reduce potential drilling noise.

10.PLANNING. 32 SMP - BLASTING RECORDS RECOMMND

A record of each blast, including seismograph date, shall be retained for at least three (3) years and shall be submitted to the County Building and Safety Department on a quarterly basis or more frequently, as deemed by the Building and Safety Director. Such record shall contain the following data:

- a. Location, data and time of blast.
- b. Name, signature and license number of "Blaster-in-charge".
- c. Direction and distance, in feet, to the nearest improvement or residence.
- d. Weather conditions, including temperature, wind

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 22

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 32

SMP - BLASTING RECORDS (cont.)

RECOMMND

- direction and approximate wind velocity.
- e. Number of holes, burden and spacing.
 - f. Diameter and depth of holes.
 - g. Types of explosive(s) used.
 - h. Total weight of explosives detonated.
 - i. Maximum weight of explosives detonated within an eight (8) millisecond period.
 - j. Maximum number of holes detonated within any eight (8) millisecond period.
 - k. Type of initiation system.
 - l. Type of length of stemming.
 - m. Type of delay detonator and delay periods used.
 - n. Sketch of the delay pattern.
 - o. Seismogram including the calibration signal of the gain setting and:
 1. seismographic reading, including locations of seismograph and its distance, in feet, from the blast,
 2. name of the person taking the seismograph reading,
 3. name of the person and firm analyzing the seismographic record.

10.PLANNING. 33

SMP - PREBLAST INSPECTION

RECOMMND

Preblast inspections shall be made by a civil engineer, licensed by the State of California, of all residences and facilities existing at time of permit approval located within 1,000 feet of potential blasting areas.

10.PLANNING. 34

SMP - BLASTING COMPLAINTS

RECOMMND

Any blasting complaints shall be recorded by the permittee as to complainant, address, date, time, nature of the complaints, the complaints that investigation conducted. Complaint records shall be made available to the public agencies regulating blasting.

10.PLANNING. 35

SMP - 90 DAYS TO PROTEST

RECOMMND

The project applicant has 90 days from the date of approval of these conditions to protest, in accordance with the procedures set forth in Government Code Section 66020, the imposition of any and all fees, dedications, reservations and/or other exactions imposed on this project as a result of this approval or conditional approval of this project.

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 23

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 36 USE - ORD 875 O S FEE (1)

RECOMMND

In accordance with Riverside County Ordinance No. 875, to assist in providing revenue to acquire and preserve open space and habitat, an Open Space Mitigation Fee shall be paid for each development project or portion of an expanded development project to be constructed in the Coachella Valley region of Riverside County. The amount of the fee for commercial or industrial development shall be calculated on the basis of "Project Area," which shall mean the net area, measured in acres, from the adjacent road right-of-way to the limits of the project development.

Any area identified as "NO USE PROPOSED" on the APPROVED EXHIBIT shall not be included in the Project Area.

10.PLANNING. 37 USE - BUSINESS LICENSING

RECOMMND

Every person conducting a business within the unincorporated area of Riverside County, as defined in Riverside County Ordinance No. 857, shall obtain a business license. For more information regarding business registration, contact the Business Registration and License Program Office of the Building and Safety Department at www.rctlma.org.buslic.

10.PLANNING. 38 SMP - INADVERTANT ARCHAEO FIND

RECOMMND

The developer/permit holder or any successor in interest shall comply with the following for the life of this permit:

If during ground disturbance activities, cultural resources* are discovered that were not assessed by the archaeological report(s) and/or environmental assessment conducted prior to project approval, the following procedures shall be followed:

1.All ground disturbance activities within 100 feet of the discovered cultural resource shall be halted until a meeting is convened between the developer, the project archaeologist**, the Native American tribal representative (or other appropriate ethnic/cultural group representative), and the County Archaeologist to discuss the significance of the find.

2.At the meeting, the significance of the discoveries shall be discussed and after consultation with the

06/18/14
12:45

Riverside County LMS
CONDITIONS OF APPROVAL

Page: 24

SURFACE MINING PERMIT Case #: SMP00161R5

Parcel: 745-370-005

10. GENERAL CONDITIONS

10.PLANNING. 38

SMP - INADVERTANT ARCHAEO FIND (cont.)

RECOMMND

Native American tribal (or other appropriate ethnic/cultural group representative) and the archaeologist, a decision is made, with the concurrence of the County Archaeologist, as to the appropriate mitigation (documentation, recovery, avoidance, etc) for the cultural resource.

3. Further ground disturbance shall not resume within the area of the discovery until an agreement has been reached by all parties as to the appropriate mitigation measures.

* A cultural resources site is defined, for this condition, as being three or more artifacts in close association with each other, but may include fewer artifacts if the area of the find is determined to be of significance due to its sacred or cultural importance.

** If not already employed by the project developer, a County approved archaeologist shall be employed by the project developer to assess the value/importance of the cultural resource.

10.PLANNING. 39

SMP - IF HUMAN REMAINS FOUND

RECOMMND

IF HUMAN REMAINS ARE FOUND ON THIS SITE:

The developer/permit holder or any successor in interest shall comply with the following codes for the life of this project:

Pursuant to State Health and Safety Code Section 7050.5, if human remains are encountered, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin. Further, pursuant to Public Resources Code Section 5097.98 (b), remains shall be left in place and free from disturbance until a final decision as to the treatment and their disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted within the period specified by law. Subsequently, the Native American heritage Commission shall identify the "Most Likely Descendant". The Most Likely Descendant shall then make recommendations and engage in consultation with the property owner and the County Archaeologist concerning the treatment of the remains as provided in Public Resources Code Section 5097.98. Human