

**Initial Study and Mitigated Negative Declaration  
Eagle Valley Quarry Revised Reclamation Plan**

Source:

EnviroMine, 2013. *Revised Reclamation Plan Eagle Valley Quarry* (SMP 00152R1, CA Mine ID No. 91-33-0035), February 2013.

Chang Consultants, 2012. *Project Specific Water Quality Management Plan For: Eagle Valley Quarry Reclamation Plan*. May 2013.

Geocon, Incorporated, 2013. *Professional Opinion Regarding Groundwater, Eagle Valley Quarry*. January 2013.

Riverside, County of, 2003. *Riverside County General Plan*. June 2003.

Riverside, County of, 2013. *Riverside County Land Information System Website*. <http://www3.tlma.co.riverside.ca.us/pa/rclis/index.html>. Accessed March 2013.

Riverside, County of, 2003. *Temescal Canyon Area Plan, County of Riverside General Plan*, October 2003.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly mining operations at the site have been previously approved to impact the entire 128-acre property, with over 99 percent of the site previously disturbed. Based on these conditions, as well as the current and long-term drainage control measures described above in Section I.A (e.g., use of detention and retention/infiltration/siltation basins), and the erosion control measures described above in Section V.17, potential impacts related to drainage alteration and erosion from Project implementation would be less than significant.
- b) As described above in item a of this section and in Section I.A, the existing operating conditions at the quarry represent the environmental baseline, and proposed mining operations at the site include a number of measures to address water quality concerns. Specifically, the quarry operates under an NPDES Industrial Permit and an associated SWPPP. As described in the referenced WQMP, a number of BMPs are currently implemented under the SWPPP to ensure applicable regulatory conformance, with these measures to be continued under the proposed Project. These include applicable site design, source control and treatment control BMPs, such as stabilizing pit slopes, retaining drainage flows within the site (i.e., using the pit as a retention/infiltration/siltation basin), using unpaved (pervious) surfaces for work/parking areas and haul roads, providing employee education and training, and using covers and/or secondary containment for applicable locations (e.g., fuel or trash storage). Based on these considerations, potential impacts to water quality/waste discharge standards from Project implementation would be less than significant.
- c) Under the proposed Project, all water used at the site would be provided by existing municipal service and infrastructure, with no use of groundwater. In addition, the referenced Geocon report on groundwater at the site, based on the proposed final pit bottom elevation of 900 feet AMSL, concludes that "The ground elevation in the area of surrounding groundwater basins is lower than [sic] the proposed bottom of the pit, so future excavation should not encounter groundwater." Based on these considerations, no impacts related to groundwater resources are anticipated from implementation of the proposed Project.
- d) The proposed Project (similar to current operations) would result in the creation of only minor (and temporary) impervious surfaces, such as processing equipment and administration/maintenance structures. Accordingly, Project implementation would not result in additional runoff generation that could exceed the capacity of existing or planned storm water drainage systems. Additionally, as noted above in items a and b of this section, the Project design includes appropriate measures to ensure conformance with applicable water quality regulations, including the NPDES and associated County standards. As a result, potential impacts related to runoff generation and associated pollutants from Project implementation would be less than significant.

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- e-f) As previously described in Sections I.A and II.A, the proposed Project does not involve the construction or relocation of housing, and the Project site is not located within or adjacent to a 100-year flood zone. Accordingly, implementation of the proposed Project would not result in any impacts related to the location of housing within a flood zone of the placement of structures that could impede or redirect flood flows.
- g) As noted above in items a and b of this section, the Project design includes appropriate measures to ensure conformance with applicable water quality regulations, including the NPDES and associated County standards. As a result, associated potential impacts would be less than significant.
- h) As previously described in Section I.A, Project drainage and water quality facilities would be subject to regular inspections and maintenance (similar to current operations) to ensure proper function. With respect to existing and proposed detention, retention, infiltration and siltation facilities, this would include efforts to avoid ponded water and prevent associated vector issues through removal of standing water and/or remediation of basins to improve infiltration. Based on the described conditions, potential impacts related to the operation of proposed Project water quality treatment facilities would be less than significant.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>HYDROLOGY AND WATER QUALITY</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>25. Floodplains</b>				
Degree of Suitability in 100-Year Floodplains. As indicated below, the appropriate Degree of Suitability has been checked.				
NA - Not Applicable <input checked="" type="checkbox"/> U - Generally Unsuitable <input type="checkbox"/> R - Restricted <input type="checkbox"/>				
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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 of, 2003. *Riverside County General Plan Safety Element*. June 2003.

Riverside, County of, 2013. *Riverside County Land Information System Website*. <http://www3.tlma.co.riverside.ca.us/pa/rclis/index.html>. Accessed March 2013.

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2003. *Temescal Canyon Area Plan, County of Riverside General Plan*, October 2003.

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Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry comprise the environmental baseline for this analysis, mining operations at the site have been previously approved to impact the entire 128-acre property, and over 99 percent of the site has been previously disturbed. In addition, as described above in Section V.24, The proposed Project (similar to current operations) would result in the creation of only minor (and temporary) impervious surfaces, with little or no associated additional runoff generation. Accordingly, potential impacts related to drainage alteration, runoff generation and associated potential flooding hazards from, implementation of the proposed Project would be less than significant.
- b) As noted above in item a of this section, the existing operating conditions at the quarry comprise the environmental baseline for this analysis. Accordingly, the proposed Project would not result in the construction of additional impervious surfaces or other facilities/activities that would measurably change absorption rates or runoff rates/amounts, with associated impacts to be less than significant.
- c) As described above in Section V.24, the Project site is not located within or adjacent to a mapped flood zone, and would not result in any substantial runoff generation. Additionally, pursuant to Figure S-10 (Dam Failure Inundation Zones) of the referenced General Plan Safety Element, the Project Site is not located within any mapped dam inundation areas. Accordingly, no impacts associated with flood hazards are anticipated from Project implementation.
- d) Based on the information regarding Project-related water use and runoff described above in items c and d of Section V.24, Project implementation is not anticipated to result in any impacts related to changes in the amount of surface water in any water body.

Mitigation: None required.

Monitoring: No monitoring is required.

**LAND USE PLANNING**

LAND USE/PLANNING Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>26. Land Use</b>				
a. Result in a substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2013. *Riverside County Land Information System Website*.  
<http://www3.tlma.co.riverside.ca.us/pa/rcdis/index.html>. Accessed March 2013.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly mining operations at the site have been previously approved to impact the entire 128-acre property, with over 99 percent of the site previously disturbed. In addition, the referenced Project Reclamation Plan includes measures to allow future (post-mining) use of the site in accordance with related land use and zoning designations (refer to

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Section I.A). Based on these conditions, no impacts related to alteration of present or planned land uses are anticipated from implementation of the proposed Project.

- b) The subject site is located within the City of Corona's Sphere of Influence. However, based on the information noted above in item a of this section, as well as the surrounding land use descriptions provided in Sections I.G and II.F, the Project would be consistent with surrounding land uses and no associated impacts are anticipated.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>LAND USE/PLANNING</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>27. Planning</b>				
a) Be consistent with the site's existing or proposed zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Be compatible with existing surrounding zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be compatible with existing and planned surrounding land uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be consistent with the land use designations and policies of the Comprehensive General Plan (including those of any applicable Specific Plan)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Corona, City of, 2013. City of Corona General Plan and Zoning Maps. <http://www.discovercorona.com/City-Departments/Community-Development/Planning-Division/General-Plan-and-Zoning-Maps.aspx>. Accessed March 2013.

Riverside, County of, 2013. *Riverside County Land Information System Website*. <http://www3.tlma.co.riverside.ca.us/pa/rcdis/index.html>. Accessed March 2013.

Riverside, County of, 2003. *Temescal Canyon Area Plan, County of Riverside General Plan*, October 2003.

Riverside, County of, 2003. *Riverside County General Plan*. June 2003.

Findings of Fact:

a-c)As discussed above in Sections II.H and II.I, the Project site is zoned as Mineral Resources and Related Manufacturing (M-R-A), with the proposed Project consistent with associated allowed uses (e.g., mining and mineral processing), and no zoning changes proposed. Zoning designations in areas surrounding the Project site include M-1 (Light Manufacturing) to the north, east and south (City of Corona), M-H-10 (Heavy Manufacturing) to the west and northwest (County), and M-R (Mineral Resources) to the south (County). The site and a nearby property to the west (the 3M Rock Quarry) are industrial in nature (active mining operations), while adjacent areas to the north, south and east comprised of open space encompassing generally steep and rugged terrain. Associated land use designations in surrounding areas include Open Space-Mineral Resources (OS-MIN) for areas under County jurisdiction, and Mixed-Use II; Industrial and Commercial for areas to the north, east and

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south within the City of Corona. Based on these designations and the associated types of allowable uses (i.e., commercial and industrial development), the proposed Project is consistent with the existing and planned zoning and land uses in surrounding areas, and no associated impacts would result from Project implementation.

- d) As described above in items a through c and in Section II, the proposed Project is consistent with all applicable General Plan and Temescal Canyon Area Plan land use designations and policies, and is not within or adjacent to any designated Specific Plan areas. Accordingly, no associated impacts would result from Project implementation.
- e) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on these conditions and the location of the site in an area consisting primarily of mining-related uses and undeveloped land, no impacts related to disrupting or dividing an established community would result from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

**MINERAL RESOURCES**

<b>MINERAL RESOURCES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>28. Mineral Resources</b>				
a) Result in the loss of availability of a known mineral resource in an area classified or designated by the State that would be of value to the region or the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.  
Riverside, County of, 2003. *Riverside County General Plan*. June 2003. Figure OS-5.

Findings of Fact:

a-c)As described above in Section II.A.3, over 96 percent of the site is designated as MRZ-2 by the California Geological Survey, with MRZ-2 defined to include "Areas where the available geologic information indicates that there are significant mineral deposits." The remaining portion of the site (approximately 4.6 acres in the northeastern corner) is not currently assigned an MRZ zone. Based on the described conditions and the nature of the existing and proposed operations at the site (i.e., extraction, processing and sale of aggregate minerals), implementation of the proposed Project would not result in any impacts related to the loss of mineral resource availability, or incompatibilities with mineral resource classifications or mining operations.

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- d) The referenced Revised Reclamation Plan, as well as information included in Sections I.A, V.13 and V.21, provide a number of current and/or proposed measures to ensure safety at the Project site. Specifically, these include efforts related to slope stability (e.g., implementing applicable geotechnical criteria), safeguarding the use and/or storage of hazardous materials such as fuels (e.g., though secured storage facilities), reducing fire hazards (e.g., employee education/training and weed control), precluding unauthorized access (e.g., perimeter fencing and warning signs), and reclamation efforts to revegetate applicable areas and establish conditions suitable for post-mining use of the site in accordance with related land use and zoning designations. Based on these considerations, potential impacts from the proposed Project related to personal or property hazards would be less than significant.

Mitigation: None required.

Monitoring: No monitoring is required.

**NOISE**

NOISE	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Would the project

**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

**29. 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?

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

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?

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

NA     A     B     C     D

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2013. *Riverside County Land Information System Website*.  
<http://www3.tlma.co.riverside.ca.us/pa/rclic/index.html>. Accessed March 2013.

Google Earth.

Findings of Fact:

a-b)As described above in Section V.22, the Project site is not located within the vicinity of any public use airports or private airstrips, with the closest such facility located approximately 4.25 miles to the east (Lake Matthews Airport). Based on these conditions, as well as the fact that the site is not considered a sensitive noise receptor, Project implementation is not anticipated to result in any impacts related to airport noise exposure.

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Mitigation: None required.

Monitoring: No monitoring is required.

<b>NOISE</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Definitions for Noise Acceptability Ratings</b>				
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			
<b>30. Railroad Noise</b>				
NA <input type="checkbox"/>	A <input checked="" type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2013. *Riverside County Land Information System Website*.  
<http://www3.tlma.co.riverside.ca.us/pa/rclis/index.html>. Accessed March 2013.

Google Earth.

Findings of Fact:

The proposed Project Site is not located adjacent to an active railroad system and does not include the construction of railroads, with the closest existing railroad line located approximately 0.6 mile to the west in association with the active 3M quarry. Based on these conditions and the fact that the proposed Project would not result in any noise-sensitive uses, no impacts related to railroad noise would result from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>NOISE</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Definitions for Noise Acceptability Ratings</b>				
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			
<b>31. Highway Noise</b>				
NA <input type="checkbox"/>	A <input checked="" type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

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Google Earth.

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Findings of Fact:

The Project Site is located approximately 1.5 miles east of I-15, 1 mile east of Temescal Canyon Road, 3 miles south of SR-91, and 0.7 mile north of Cajalco Road. Based on these conditions and the fact that the proposed Project would not result in any noise-sensitive uses, no impacts related to highway noise would result from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>NOISE</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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**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

**32. Other Noise**

NA <input checked="" type="checkbox"/>	A <input type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2013. *Riverside County Land Information System Website*.  
<http://www3.tlma.co.riverside.ca.us/pa/rcdis/index.html>. Accessed March 2013.

Findings of Fact:

Based on the discussions provided above in Sections V.29 through V.31, as well as the fact that the proposed Project would not result in any noise-sensitive uses, Project implementation would not result in any adverse impacts related to "other noise" sources.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>NOISE</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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**33. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



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Findings of Fact:

a-c) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, the discussions provided above in Sections V.29 through v.31, and the fact that mining and related operations under the proposed Project would be essentially identical to current operations, no impacts from Project implementation are anticipated with respect to substantial increases in temporary or permanent noise levels, or exposure of people to or generation of noise levels exceeding local noise standards.

d) As indicated above under items a-c of this section, as well as in Section I. A, blasting operations at the site would be essentially the same as current operations (except for specific blasting locations), and would be conducted pursuant to the approved Project Blasting Plan. As a result, no significant impacts related to generation or exposure of people to excessive ground-borne vibration or noise levels would occur in association with Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

**POPULATION AND HOUSING**

<b>POPULATION AND HOUSING</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>34. Housing</b>				
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 roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

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Findings of Fact:

- a-c) The proposed Project consists of the extension of currently approved aggregate mining and processing operations at the existing quarry site. Accordingly, Project implementation would not displace existing housing or people, or create a demand for additional or replacement housing, with no related impacts anticipated.
- d) The proposed Project is not located within a County Redevelopment Project Area, and would thus not result in any associated adverse impacts.
- e) Based on the information provided above for items a-c of this section, the proposed Project would not contribute to population growth, and would therefore not result in any adverse impacts related to exceeding or cumulatively contributing to local population projections.
- f) Based on the information provided above in items a-e of this section, the proposed Project would not result in any adverse impacts related to inducing population growth either directly or indirectly.

Mitigation: None required.

Monitoring: No monitoring is required.

**PUBLIC SERVICES**

<b>PUBLIC SERVICES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>35. Fire Services:</b> 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), no adverse impacts related to fire services are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

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<b>PUBLIC SERVICES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>36. Sheriff Services:</b> 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), no adverse impacts related to law enforcement services are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>PUBLIC SERVICES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>37. Schools:</b> 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), no adverse impacts related to school services are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

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<b>PUBLIC SERVICES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>38. Libraries:</b> 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), no adverse impacts related to libraries are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>PUBLIC SERVICES</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>39. Health Services:</b> 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), no adverse impacts related to health services are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

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**RECREATION**

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>40. Parks and Recreation</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Is the project located within a C.S.A. or recreation and park district with a Community Parks and Recreation Plan (Quimby fees)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

a-c)As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the nature of existing and proposed activities at the site (i.e., aggregate mining and processing), and the fact that the site is not within a County Service Area (CSA) or recreation and park district with a Community Parks and Recreation Plan (Quimby fees), no adverse impacts related to parks and recreation are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Parks and Recreation</b>				
<b>41. Recreational Trails:</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered recreational trails, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that no recreational trails would be constructed or altered from Project implementation, no associated impacts are anticipated.

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Mitigation: None required.

Monitoring: No monitoring is required.

**TRANSPORTATION/TRAFFIC**

<b>TRANSPORTATION/TRAFFIC</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>42. Circulation</b>				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated road or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Alter waterborne, rail or air traffic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Cause an effect upon, or a need for new or altered maintenance of roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Cause an effect upon circulation during the project's construction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) Result in inadequate emergency access or access to nearby uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Conflict with adopted policies supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Riverside, County of, 2003. *Temescal Canyon Area Plan, County of Riverside General Plan*, October 2003.

Riverside, County of, 2003. *Riverside County General Plan*. June 2003.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly, Project-related traffic, as outlined in Section II.A.2, would be limited to a maximum of up to approximately 250 trips per day (from haul truck, employee and related traffic), with Project operation expected to be in conformance with all applicable circulation policies in the General Plan Circulation Element and the Temescal Canyon Area Plan. Based on these conditions, no significant impacts related to traffic volumes and local roadway/intersection capacities are anticipated from Project implementation.

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- b) The proposed Project would not generate any demand for parking, beyond existing on-site parking requirements associated with quarry operations (with adequate capacity available for existing/proposed parking needs). Accordingly, no adverse impacts related to parking capacity are anticipated from implementation of the proposed Project.
- c) Based on the information provided above in item a of this section, no significant impacts related to level of service standards would result from Project implementation.
- d) As noted above in Section V.22, the Project site is not located within the vicinity of any public use airports or private airstrips, with the closest such facility located approximately 4.25 miles to the east (Lake Matthews Airport). Accordingly, Project implementation would not be expected to result in any adverse impacts related to air traffic patterns or associated safety risks.
- e) As noted above in item d of this section, as well as in Sections V.15 and V.30, the Project site is not located adjacent to any surface water bodies, railroad facilities or airports/airstrips, with the closest such facilities located approximately 2 miles, 0.6 mile, and 4.25 miles from the site, respectively. Accordingly, no related adverse impacts to waterborne, rail or air traffic would result from Project implementation.
- f) As noted above in item a of this section, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly, Project implementation would not result in any adverse impacts related to design feature hazards or incompatible uses.
- g) As noted above in item a of this section, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the generally small number of Project-related trips (up to approximately 250 per day), no significant impacts related to roadway maintenance requirements are anticipated from Project implementation.
- h) Based on the information provided above in items a-c, f and g, no significant impacts related to circulation are anticipated from Project implementation.
- i) Based on the information provided above in items a-c, f and g, no significant impacts related to emergency access or access to nearby uses are anticipated from Project implementation.
- j) Based on the information provided above in items a-i, no adverse impacts related to adopted policies supporting alternative transportation are anticipated from Project implementation

Mitigation: None required.

Monitoring: No monitoring is required.

<b>TRANSPORTATION/TRAFFIC</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>43. Bike Trails:</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered bike trails, the construction of which could cause significant environmental impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

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Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that no bike trails would be constructed or altered from Project implementation, no associated impacts are anticipated.

Mitigation: None required.

Monitoring: No monitoring is required.

**UTILITY AND SERVICE SYSTEMS**

<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>44. Water</b>				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that no increase in water demand is anticipated from Project implementation, no associated impacts related to requirements for new or expanded water treatment facilities are anticipated.

b) Pursuant to the information provided above in item a of this section, no additional water-related entitlements from outside sources are required, and no associated adverse impacts would result.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>45. Sewer</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



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<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that the Project site utilizes a septic system (with this existing system also adequate to serve the proposed Project), no adverse impacts related to the construction of new or expanded sewer/septic systems would result from Project implementation.
- b) Based on the information provided above in item a of this section, no adverse impacts related to wastewater treatment capacity would result from implementation of the proposed Project.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>46. Solid Waste</b>				
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) 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that the Project would generate only minor amounts of solid waste (e.g., from office and related uses), no significant impacts related to solid waste disposal capacity are anticipated from Project implementation.

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- b) Based on the information provided above in item a of this section, as well as the fact that the Project would be subject to all applicable statutes and regulations related to solid waste, no associated adverse impacts are anticipated from Project implementation.

Mitigation: None required.

Monitoring: No monitoring is required

<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>47. Utilities</b>				
a) 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 type="checkbox"/>	<input checked="" type="checkbox"/>
b) Natural gas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Communications systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that existing/proposed operations at the site would be virtually identical in terms of electrical demand, no adverse impacts related to construction or expansion of electrical facilities would result from Project implementation.
- b) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that the Project site is not served (or proposed to be served) by natural gas, no adverse impacts related to construction or expansion of natural gas facilities would result from Project implementation.
- c) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that existing/proposed operations at the site would be virtually identical in terms of communication system requirements, no adverse impacts related to construction or expansion of communication systems would result from Project implementation.
- d) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the discussion provided above in Section V.24.d, Project implementation would not be expected to result in any significant impacts related to the construction of storm water drainage facilities.

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- e) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that the Project implementation does not propose (or require) any additional street lighting, no associated adverse impacts would result.
- f) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the discussions provided above in items a-e of this section and in Section V.42.g, Project implementation would not result in any significant impacts related to maintenance of public facilities, including roads.
- g) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation and the discussions provided above in items a-f of this section, Project implementation would not result in any adverse impacts related to requirements for new or expanded public services.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>UTILITY AND SERVICE SYSTEMS</b> Would the project	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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**48. Energy Conservation**

a) Would the project conflict with any adopted energy conservation plans??	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Findings of Fact:

- a) As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, as well as the fact that existing/proposed operations at the site would be virtually identical in terms of energy demand, no adverse impacts related to conflicts with adopted energy conservation plans would result.

Mitigation: None required.

Monitoring: No monitoring is required.

<b>OTHER</b>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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<b>49. Other</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source:

Staff review

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Findings of Fact:

a) There are no other impacts identified.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring is required.

<b>MANDATORY FINDINGS OF SIGNIFICANCE</b>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>50.</b> Does the project have the potential to substantially 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 to eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Analysis contained in this document.

Findings of Fact:

*Potential to Degrade Quality of Environment*

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, and the analysis provided above in this document, either no impacts or less than significant impacts were identified for all issue areas except Geology and Soils. While potentially significant impacts were identified for Geology and Soils with respect to potential slope instability and landslides, mitigation measures were identified to avoid or reduce those potential impacts below a level of significance.

*Potential to Impact Biological Resources*

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly, implementation of the proposed Project would not result in any significant impacts related to:

- Substantially reducing the habitat of a fish or wildlife species;
- Causing a fish or wildlife population to drop below self-sustaining levels;
- Threatening to eliminate a plant or animal community; or
- Reducing the number or restricting the range of an endangered, threatened, or rare species.

*Potential to Eliminate Important Periods of California History or Prehistory*

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Accordingly, because mining operations at the site have been previously approved to impact the entire 128-acre property, no impacts to resources or sites that represent important periods of California history or prehistory would result from Project implementation.

<b>MANDATORY FINDINGS OF SIGNIFICANCE</b>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>51.</b> Does the project have the potential to achieve short-term environmental goals, to the disadvantage of long-term environmental goals? (A short-term impact on the environment is one that occurs in a relatively brief, definitive period of time while long-term impacts would endure well into the future.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Analysis contained in this document.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation, the nature of proposed operations (i.e., essentially identical to current quarry activities), the fact that over 99 percent of the site has been previously disturbed, and the required reclamation of the site after completion of mining operations (with requirements under SMARA mandating that the site must be returned to a useful, approved alternative purpose), no adverse impacts related to short- and long-term environmental goals are anticipated from Project implementation.

<b>MANDATORY FINDINGS OF SIGNIFICANCE</b>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>52.</b> Does the project have impacts which are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects as defined in California Code of Regulations, Section 15130)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.

Analysis contained in this document.

Findings of Fact:

Cumulative impacts are defined as two or more individual effects that, when considered together, are considerable or that compound or increase other environmental impacts. The cumulative impact from several projects is the change in the environment that results from the incremental impact of the development when added to the impacts of other closely related past, present, and reasonably foreseeable or probable future developments. Cumulative impacts can result from individually minor, but collectively significant, developments taking place over a period of time. As noted above at the beginning of Section V, the existing operating conditions at the Project site are used as the environmental baseline for this analysis. Based on this situation, the nature of proposed operations (i.e., essentially identical to current quarry activities), the fact that over 99 percent of the site has been previously disturbed, and the

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impact levels described above in this analysis, Project impacts are not considered cumulatively considerable and would be less than significant.

<b>MANDATORY FINDINGS OF SIGNIFICANCE</b>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>53.</b> 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

EnviroMine, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.  
Analysis contained in this document.

Findings of Fact:

As noted above at the beginning of Section V, the existing operating conditions at the quarry are used as the environmental baseline for this analysis. Based on this situation and the following considerations, Project implementation is not anticipated to result in adverse direct or indirect effects to human beings: (1) the proposed Project includes a number of design features to avoid or minimize potential impacts related to issues including regulatory compliance, air quality, erosion/sedimentation, hazards, hydrology/water quality and transportation/circulation; and (2) potential Project-related impacts for all issues areas except Geology and Soils were determined to be less than significant, with mitigation measures identified for potential geologic issues (slope instability/landslides) that would avoid or reduce associated impacts below a level of significance.

**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:

**Earlier Analyses Used:**

Earth Research Associates, Inc., *Geologic and Engineering Analysis of Proposed Rock Quarry Site, Corona Area, County of Riverside, California*, June 13, 1983

Geotechnics, Inc., *Geotechnical Evaluation of Quarry Slope Stability, Hanson Aggregates Eagle Valley Quarry El Cerrito Area, Riverside County, California*, June 7, 2005.

Archaeological Resource Management Corporation (ARMC), 1983. *An Archaeological Assessment of Tentative Parcel Map 19354 Near Corona, Riverside County, California*. June 1983.

**Location Where Earlier Analyses are Available for Review:**

The listed documents are available for review at: County of Riverside Planning Department; 4080 Lemon Street; Riverside, CA 92502.

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**REFERENCES**

- Archaeological Resource Management Corporation (ARMC), 1983. *An Archaeological Assessment of Tentative Parcel Map 19354 Near Corona, Riverside County, California*. June 1983.
- California Department of Toxic Substances Control, 2013. EnviroStor Hazardous Waste and Substances List. [http://www.envirostor.dtsc.ca.gov/public/search.asp?page=1&cmd=search&business\\_name=&main\\_street\\_name=&city=&zip=&county=&status=ACT%2CBKLG%2CCOM&branch=&site\\_type=CSITES%2COPEN%2CFUDS%2CCLOSE&npl=&funding=&reporttitle=HAZARDOUS+WASTE+AND+SUBSTANCES+SITE+LIST&reporttype=CORTESE&federal\\_superfund=&state\\_response=&voluntary\\_cleanup=&school\\_cleanup=&operating=&post\\_closure=&non\\_operating=&corrective\\_action=&tiered\\_permit=&evaluation=&spec\\_prog=&national\\_priority\\_list=&senate=&congress=&assembly=&critical\\_pol=&business\\_type=&case\\_type=&searchtype=&hwmp\\_site\\_type=&cleanup\\_type=&ocieerp=False&hwmp=False&permitted=&pc\\_permitted=&orderby=upper%28business%5Fname%29](http://www.envirostor.dtsc.ca.gov/public/search.asp?page=1&cmd=search&business_name=&main_street_name=&city=&zip=&county=&status=ACT%2CBKLG%2CCOM&branch=&site_type=CSITES%2COPEN%2CFUDS%2CCLOSE&npl=&funding=&reporttitle=HAZARDOUS+WASTE+AND+SUBSTANCES+SITE+LIST&reporttype=CORTESE&federal_superfund=&state_response=&voluntary_cleanup=&school_cleanup=&operating=&post_closure=&non_operating=&corrective_action=&tiered_permit=&evaluation=&spec_prog=&national_priority_list=&senate=&congress=&assembly=&critical_pol=&business_type=&case_type=&searchtype=&hwmp_site_type=&cleanup_type=&ocieerp=False&hwmp=False&permitted=&pc_permitted=&orderby=upper%28business%5Fname%29). March 21, 2013.
- Chang Consultants, 2012. *Project Specific Water Quality Management Plan For: Eagle Valley Quarry Reclamation Plan*. May 22, 2012.
- Corona, City of, 2013. City of Corona General Plan and Zoning Maps. <http://www.discovercorona.com/City-Departments/Community-Development/Planning-Division/General-Plan-and-Zoning-Maps.aspx>. Accessed March 2013.
- Earth Research Associates, Inc., 1983. *Geologic and Engineering Analysis of Proposed Rock Quarry Site, Corona Area, County of Riverside, California*, June 13, 1983
- EnviroMine, Inc, 2013. *Revised Reclamation Plan for the Eagle Valley Quarry*. February 2013.
- Geocon West, Incorporated (Geocon), 2013. *Professional Opinion Regarding Groundwater, Eagle Valley Quarry*. January 2013.
- Geocon, 2012. *Seismic Slope Stability Analysis Existing Final Cut Slopes Eagle Valley Quarry*. December 2012.
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**Initial Study and Mitigated Negative Declaration  
Eagle Valley Quarry Revised Reclamation Plan**

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November 1971.



## **ACRONYMS AND CHEMICAL SYMBOLS**

### **Acronyms**

AB	Assembly Bill
AMSL	Above Mean Sea Level
APN	Assessor's Parcel Number
BMP	Best Management Practices
CA	California
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CSA	County Service Area
EA	Environmental Assessment
EIR	Environmental Impact Report
GHG	Greenhouse gas
I-15	Interstate 15
MMRP	Mitigation Monitoring and Reporting Program
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
MWD	Metropolitan Water District of Southern California
ND	Negative Declaration
NPDES	National Pollutant Discharge Elimination System
OMR	Office of Mine Reclamation
PRC	Public Resources Code
SCAQMD	South Coast Air Quality Management District
SCH	State Clearinghouse
SMARA	Surface Mining and Reclamation Act
SMP	Surface Mining Permit
SR-91	State Route 91
SRA	Scientific Resources Associated
SWPPP	Storm Water Pollution Prevention Plan
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
WQMP	Water Quality Management Plan

**Initial Study and Mitigated Negative Declaration  
Eagle Valley Quarry Revised Reclamation Plan**

**Chemical Symbols**

CH <sub>4</sub>	Methane
CO <sub>2</sub>	Carbon Dioxide
CO <sub>2</sub> e	Carbon Dioxide Equivalent
N <sub>2</sub> O	Nitrous Oxide
PM <sub>10</sub>	Particulate Matter, 2.5 to 10 Microns in Diameter

**Initial Study and Mitigated Negative Declaration  
Eagle Valley Quarry Revised Reclamation Plan**

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## **Appendix A**

### **Mitigation Monitoring and Reporting Program**

**APPENDIX A  
DRAFT MITIGATION MONITORING AND REPORTING PROGRAM  
FOR THE EAGLE VALLEY QUARRY IS/MND (EA 42525)**

Impacts	Level of Significance After Mitigation	Mitigation Measures	Monitoring and Reporting - Responsible Party	Implementation Stage																														
<p><b>Geology and Soils</b>  <b>Landslide Risk</b>                      The proposed Project design would result in a number of steep slopes, with grades of between 1.5:1 and 1:1 (horizontal to vertical). These slopes could potentially be subject to landslides and/or rock falls, in association with associations such as ground shaking associated with larger earthquake events along major regional fault zones.</p>	<p>Less than Significant with mitigation incorporated</p>	<p><u>Mitigation Measures identified in EA No. :</u>   <b>GEO-1</b> (Page __Final MND): Periodic (at least annual) mapping and engineering analysis shall be conducted during quarrying operations to verify previous geotechnical observations and assumptions, evaluate any new geologic conditions, and modify the slope design criteria listed in Mitigation Measure <b>GEO-2</b> as applicable.   <b>GEO-2</b> (Page __Final MND): The following design criteria shall be incorporated into all post-mining cut slopes:</p> <table border="1" data-bbox="885 661 1096 1144"> <caption>Slope Design Criteria Quarry Rock Slopes</caption> <thead> <tr> <th>Map Area<sup>1</sup></th> <th>Slope Face Orientation</th> <th>Maximum Overall Slope Inclination (Degrees)</th> <th>Maximum Inter-Bench Slope Inclination (Degrees)</th> <th>Maximum Inter-Bench Slope Height (Feet)</th> <th>Minimum Bench Width (Feet)</th> </tr> </thead> <tbody> <tr> <td>A and B</td> <td>North</td> <td>53</td> <td>65</td> <td>50</td> <td>15</td> </tr> <tr> <td>A and B</td> <td>East</td> <td>43</td> <td>48</td> <td>60</td> <td>10</td> </tr> <tr> <td>C and D</td> <td>West</td> <td>53</td> <td>62</td> <td>50</td> <td>10</td> </tr> <tr> <td>E</td> <td>South</td> <td>53</td> <td>58</td> <td>50</td> <td>10</td> </tr> </tbody> </table>	Map Area <sup>1</sup>	Slope Face Orientation	Maximum Overall Slope Inclination (Degrees)	Maximum Inter-Bench Slope Inclination (Degrees)	Maximum Inter-Bench Slope Height (Feet)	Minimum Bench Width (Feet)	A and B	North	53	65	50	15	A and B	East	43	48	60	10	C and D	West	53	62	50	10	E	South	53	58	50	10	<p>Riverside County Building and Safety Department</p> <p>Riverside County Building and Safety Department</p>	<p>Ongoing through Project operation</p> <p>Ongoing through Project operation</p>
Map Area <sup>1</sup>	Slope Face Orientation	Maximum Overall Slope Inclination (Degrees)	Maximum Inter-Bench Slope Inclination (Degrees)	Maximum Inter-Bench Slope Height (Feet)	Minimum Bench Width (Feet)																													
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C and D	West	53	62	50	10																													
E	South	53	58	50	10																													

<sup>1</sup> Map areas identified in the 2005 Geotechnical Evaluation prepared by Geotechnics, Incorporated.

**APPENDIX A (cont.)  
DRAFT MITIGATION MONITORING AND REPORTING PROGRAM  
FOR THE EAGLE VALLEY QUARRY IS/MND (EA 42525)**

Impacts	Level of Significance After Mitigation	Mitigation Measures	Monitoring and Reporting – Responsible Party	Implementation Stage
<p><b>Geology and Soils (cont.)</b></p> <p><u>Slopes</u> Potential impacts regarding slope instability, as described above for the issue of Landslide Risk</p>		<p><b>GEO-3</b> (Page __ Final MND): Manufactured slopes located in the highly weathered materials present in approximately the upper 50 feet of the quarry slopes shall be limited to a maximum grade of 1.5:1 (horizontal to vertical), unless otherwise authorized by the Geotechnical Engineer, County, and CDC OMR.</p> <p><b>GEO-1</b> through <b>GEO-3</b>, as described above for the issue of Landslide Risk.</p>	<p>Riverside County Building and Safety Department</p> <p>Riverside County Building and Safety Department</p>	<p>Ongoing through Project operation</p> <p>Ongoing through Project operation</p>

SURFACE MINING PERMIT Case #: SMP00152R1

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10. GENERAL CONDITIONS

EVERY DEPARTMENT

10. EVERY. 1

SMP - PROJECT DESCRIPTION

RECOMMND

The use hereby permitted is Revision No. 1 to SMP00152 that will extend the life of the existing mining operation, Eagle Valley Quarry, for sixty-six (66) years through December 31, 2080. December 31, 2080 would complete all mining and reclamation activities at the subject site. The hours of operation for the Eagle Valley Quarry have also been amended under this revision. The new hours of operation will be as follows:

1. Mining operations located more than 300 feet inside the outer boundary of the property are permitted to operate twenty-four (24) hours a day, Monday through Friday. Mining operations other than maintenance and emergencies are prohibited on weekends and all federally recognized holidays.

2. Transporting operations are permitted twenty-four (24) hours a day, Monday through Friday, except along Cajalco Road east of Eagle Canyon Road and along Temescal Canyon Road. Transporting operations along Cajalco Road and along Temescal Canyon Road shall be limited to the hours of 6:00 a.m. and sunset (of the same day), Monday through Friday. All transporting operations other than maintenance and emergencies are prohibited on weekends and federally recognized holidays.

3. Reclaimed Mine slopes to be benched at a maximum inter-bench slope height of 50 feet with an overall slope angle not to exceed 1:1 (h:v) slope ration (inclination of not to exceed 45 degrees).

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 or its agents, officers, and employees (COUNTY) from the following:

(a) any claim, action, or proceeding against the COUNTY to attack, set aside, void, or annul an approval of the COUNTY, its advisory agencies, appeal boards, or legislative body concerning the SURFACE MINING PERMIT; and,

(b) any claim, action or proceeding against the COUNTY to

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10. GENERAL CONDITIONS

10. EVERY. 2

SMP - HOLD HARMLESS (cont.)

RECOMMND

attack, set aside, void or annul any other decision made by the COUNTY concerning the SURFACE MINING PERMIT, including, but not limited to, decisions made in response to California Public Records Act requests.

The COUNTY shall promptly notify the applicant/permittee of any such claim, action, or proceeding and shall 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.

The obligations imposed by this condition include, but are not limited to, the following: the applicant/permittee shall pay all legal services expenses the COUNTY incurs in connection with any such claim, action or proceeding, whether it incurs such expenses directly, whether it is ordered by a court to pay such expenses, or whether it incurs such expenses by providing legal services through its Office of County Counsel.

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. 152, Revised No. 1 shall be henceforth defined as follows:

APPROVED EXHIBIT NO. "A" = Mining Plan Approved Exhibit No. "A-Mining Plan", SMP Case No. 152, Revised No. 1 dated April 22, 2014.

APPROVED EXHIBIT NO. "B" = Reclamation Plan Approved Exhibit No. "B-Reclamation Plan", SMP Case No. 152, Revised No. 1 dated April 22, 2014.

APPROVED EXHIBIT NO. "C" = Project Description Approved Exhibit No. "C-Project Description", SMP Case No. 152, Revised No. dated March 24, 2014.

10. EVERY. 4

SMP - PDA04836

RECOMMND

County Archaeological Report (PDA) No. 4836 submitted for this project (SPM00152R1) was prepared by Jerry Schaefer of



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Riverside County LMS  
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10. GENERAL CONDITIONS

10. EVERY. 4 SMP - PDA04836 (cont.)

RECOMMND

ASM Affiliates, Inc. and is entitled: "Archaeological Resources Update for Eagle Valley Quarry, near Corona, Riverside County, California" dated November 15, 2013.

(PDA) No. 4836 provides an update for two previously recorded sites CA-RIV-2679 and CA-RIV-2680. The report concluded that mechanical disturbance may have eliminated CA-RIV-6280 and that no clearly defined cultural materials were identified at CA-RIV-2679.

(PDA) No. 4836 did not recommend any additional archaeological work for the Eagle Valley Quarry property.

This report, County Archaeological Report (PDA) No. 4836 was accepted and the document is herein incorporated as a part of the record for project.

BS GRADE DEPARTMENT

10.BS GRADE. 1 SMP-APPROVED CONDITIONS

RECOMMND

ALL PRIOR BUILDING & SAFETY DEPARTMENT CONDITIONS APPROVED UNDER SURFACE MINING PERMIT RECLAMATION PLAN 00152 (INCLUDING OTHER REVISIONS AND SUBSTANTIAL CONFORMANCES) SHALL REMAIN IN EFFECT DURING THE LIFE OF THIS REVISED PERMIT 00152R1 UNLESS SPECIFICALLY REMOVED OR REPLACED BY ANOTHER CONDITION.

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 topographical maps detailing disturbed land and proximity to permit boundaries and property lines.
- 2) Certification letter certifying maximum depth of excavated areas.
- 3) Provide quantity in cubic yards and tons of minerals mined during the reporting period.

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10. GENERAL CONDITIONS

10.BS GRADE. 2

SMP-ANNUAL REPORT INFO (cont.)

RECOMMND

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 licenced 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 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.

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. 5

SMP-INERT MATERIALS

RECOMMND

There shall be no importing and/or storage of used concrete, asphalt or other inert construction materials for recycling without the specific approval of the Planning Department.

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10. GENERAL CONDITIONS

10.BS GRADE. 6 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. 7 SMP-PRIVATE RD GRDG PERMIT RECOMMND

Construction of a private road requires a grading permit. All private roads which are conditioned to be paved shall comply with Ordinance 457 base and paving inspection requirements.

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-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 verticle 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. 10 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

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10. GENERAL CONDITIONS

10.BS GRADE. 10 SMP-FENCING OF PERIMETER (cont.) RECOMMND

and to prevent/limit unauthorized access to the site.

10.BS GRADE. 11 SMP-OFFSITE EXCAVATION RECOMMND

ANY OFF SITE (outside of the Surface Mine Permit/ Reclamation Plan) 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. 12 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 site inspection(s) for compliance with the conditions of approval, complaints by individuals or other reasons as identified at the time of inspection.

10.BS GRADE. 14 SMP-OBEBY ALL GRDG REGS RECOMMND

All grading shall conform to the California Building Code, Ordinance 457, and all other relevant laws, rules, and regulations governing grading in Riverside County and prior to commencing any grading which includes 50 or more cubic yards, the applicant shall obtain a grading permit from the Building and Safety Department.

10.BS GRADE. 15 SMP- DISTURBS NEED G/PMT RECOMMND

Ordinance 457 requires a grading permit prior to clearing, grubbing or any top soil disturbances related to construction grading.

10.BS GRADE. 16 SMP-NPDES/SWPPP RECOMMND

Construction activities including clearing, stockpiling, grading or excavation of land which disturbs less than 1 acre and requires a grading permit or construction Building permit shall provide for effective control of erosion, sediment and all other pollutants year-round. The permit holder shall be responsible for the installation and monitoring of effective erosion and sediment controls. Such controls will be evaluated by the Department of Building and Safety periodically and prior to permit Final to verify compliance with industry recognized erosion control

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10. GENERAL CONDITIONS

10.BS GRADE. 16 SMP-NPDES/SWPPP (cont.)

RECOMMND

measures.

Construction activities including but not limited to clearing, stockpiling, grading or excavation of land, which disturbs 1 acre or more or on-sites which are part of a larger common plan of development which disturbs less than 1 acre are required to obtain coverage under the construction general permit with the State Water Resources Control Board. You are required to provide proof of WDID# and keep a current copy of the storm water pollution prevention plan (SWPPP) on the construction site and shall be made available to the Department of Building and Safety upon request.

Year-round, Best Management Practices (BMP's) shall be maintained and be in place for all areas that have been graded or disturbed and for all material, equipment and/or operations that need protection. Stabilized Construction Entrances and project perimeter linear barriers are required year round. Removal BMP's (those BMP's which must be temporarily removed during construction activities) shall be in place at the end of each working day.

Monitoring for erosion and sediment control is required and shall be performed by the QSD or QSP as required by the Construction General Permit. Stormwater samples are required for all discharge locations and projects may not exceed limits set forth by the Construction General Permit Numeric Action Levels and/or Numeric Effluent Levels. A Rain Event Action Plan is required when there is a 50% or greater forecast of rain within the 48 hours, by the National Weather Service or whenever rain is imminent. The QSD or QSP must print and save records of the precipitation forecast for the project location area from (<http://www.srh.noaa.gov/forecast>) and must accompany monitoring reports and sampling test data. A Rain gauge is required on site. The Department of Building and Safety will conduct periodic NPDES inspections of the site throughout the recognized storm season to verify compliance with the Construction General Permit and Stormwater ordinances and regulations.

10.BS GRADE. 17 SMP-GEOTECH/SOILS RPTS

RECOMMND

Prior to the issuance of a building permit, a Geotechnical soils report shall be submitted to the Building & Safety

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10. GENERAL CONDITIONS

10.BS GRADE. 17 SMP-GEOTECH/SOILS RPTS (cont.) RECOMMND

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.

10.BS GRADE. 18 SMP-MAX SLOPE RATIO RECOMMND

Slopes shall not be finished at a slope ratio steeper than 2:1 ( horizontal: vertical) unless they are adequately determined and demonstrated to be stable by the project certified engineering geologist and geotechnical engineer.

Slope stability shall be documented in a report(s) to be submitted to the Department of Building and Safety as well as the County Geologist for review and approval prior to final approval of finished slopes. This report(s) shall be updated and submitted annually, in conjunction with the required annual SMARA inspection schedule or submitted outside of annual inspection schedule as necessary to maintain safe conditions and forward progress of finishing slopes for reclamation purposes).

10.BS GRADE. 19 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. 20 SMP-MINIMUM DRAINAGE GRADE RECOMMND

Minimum drainage grade shall be 1% except on portland cement concrete where 0.35% shall be the minimum.

10.BS GRADE. 21 SMP-DRAINAGE & TERRACING RECOMMND

Provide drainage facilities and terracing in conformance with the California Building Code's chapter on "Excavation and Grading".

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10. GENERAL CONDITIONS

10.BS GRADE. 23 SMP-EASEMENTS & ACCESS RECOMMND

Prior to the issuance of the surface mining permit, it shall be the responsibility of the applicant to obtain any proposed or required easements and/or permissions necessary for access to the site for excavating and/or grading.

10.BS GRADE. 24 SMP-NOTARIZED OFFSITE LTR RECOMMND

A notarized letter of permission, from the affected property owners or easement holders, is required for any proposed off site grading.

10.BS GRADE. 25 SMP-RECORDED ESMT REQ'D RECOMMND

A recorded easement is required for off site drainage facilities.

10.BS GRADE. 26 SMP-OFF ST. PAVED PARKING RECOMMND

All off street parking areas which are conditioned or proposed to be paved shall conform to Ordinance 457 base and paving design and inspection requirements.

10.BS GRADE. 27 SMP-NO B/PMT W/O G/PMT RECOMMND

Prior to issuance of any building permit, the property owner shall obtain a grading permit and/or approval to construct from the Grading Division of the Building and Safety Department.

10.BS GRADE. 28 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. 29 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.

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10. GENERAL CONDITIONS

10.BS GRADE. 30 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 a specific permit for that activity.

10.BS GRADE. 31 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. 32 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. 33 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).



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10. GENERAL CONDITIONS

10.BS GRADE. 34 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. 35 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. 36 SMP- 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 Division of the Building and Safety Department at [www.rctlma.orgbuslic](http://www.rctlma.orgbuslic).

BS PLNCK DEPARTMENT

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

The revised permit does not indicate any new or proposed structures at this time. Should the applicant propose future improvements to the property:

Per section 105.1 (2010 California Building Code, CBC): Where any owner or authorized agent intends to construct, enlarge, alter, repair, move, demolish or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert, or replace any electrical, gas, mechanical, or plumbing system, the regulation of which is governed by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required permit. The applicant shall obtain the required building permit(s) from the building department prior to any construction or placement of any building, structure or equipment on the property.

The applicant shall obtain an approved final building

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10. GENERAL CONDITIONS

10.BS PLNCK. 1 USE - BUILD & SAFETY PLNCK (cont.)

RECOMMND

inspection and certificate of occupancy from the building department prior to any use or occupancy of the building, or structure.

At no time shall the approval of the planning case exhibit allow for the construction or use of any building or structure.

In non- residential applications, separate building permits may include a permit for the structure (Shell building), signage, grading, tenant improvements, accessory structures and/or equipment, which may include trash enclosures, light standards, block walls/fencing etcà

The applicant shall obtain the required building permit(s) from the building department prior to any construction on the property. All building plans and supporting documentation shall comply with current adopted California Building Codes, Riverside County Ordinances, and California Title 25 regulations in effect at the time of building plan submittal and fee payment to the Building Department. All Building Department plan submittal and fee requirements shall apply.

E HEALTH DEPARTMENT

10.E HEALTH. 1 ENV CLEANUPS PROGRAM-COMMENTS

RECOMMND

If previously unidentified contamination is discovered at the site, additional assessment, investigation, and/or cleanup may be required.

10.E HEALTH. 2 INDUSTRIAL HYGIENE - COMMENTS

RECOMMND

Based on the information provided to the Industrial Hygiene Program for review, a noise study will not be required. However, this facility shall be required to comply with the following:

- 1) Facility-related noise, as projected to any portion of any surrounding property containing a "sensitive receiver, habitable dwelling, hospital, school, library, or nursing home", must not exceed the following worst-case noise levels 45 dB(A) - 10 minute noise equivalent level ("leq"), between the hours of 10:00 p.m. to 7:00 a.m. (nighttime standard) and 65 dB(A) - 10 minute leq, between 7:00 a.m. and

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10. GENERAL CONDITIONS

10.E HEALTH. 2 INDUSTRIAL HYGIENE - COMMENTS (cont.) RECOMMND

10:00 p.m. (daytime standard).

Please contact the Industrial Hygiene Program at (951) 955-8980 if you have any questions.

10.E HEALTH. 3 SMP 152 - RESTROOMS RECOMMND

If permanent restroom facilities are required, the Department of Environmental Health is to be contacted for specific recommendations regarding water and sewerage.

FLOOD RI DEPARTMENT

10.FLOOD RI. 1 SMP FLOOD HAZARD RPT 7/23/13 RECOMMND

Surface Mining Permit 152 is a proposal to extend the life of the mining permit and address the modified design slope grading detailed that were approved in SMP152S1. The site is located in Temescal Canyon area, north of Cajalco, south of Highway 91, east of Interstation 15, and west of Eagle Canyon Road.

Various watercourses with tributary drainage area of 13 and 30 acres impact the site along the north and east, respectively. Erosion can be expected in these areas. For slope protection, ten (10) foot wide benches at every fifty (50) vertical feet are provided.

The submitted Reclamation Plan indicates that the project does not propose any new impervious and will retain all storm runoff in a retention/infiltration/desiltation basin within the expanded pit area. This is acceptable since, the entire site is self-contained by draining into mining pit.

PLANNING DEPARTMENT

10.PLANNING. 1 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.

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10. GENERAL CONDITIONS

10.PLANNING. 2 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. 3 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. 4 SMP - SLOPE STABILITY

RECOMMND

During the life of the permit the permittee shall comply with the recommendations concerning slope stability made in County Slope Stability Report No. 683 entitled "Geotechnical Evaluation of Quarry Slope Stability, Hanson Aggregates Eagle Valley Quarry, El Cerrito Area, Riverside County, California", dated June 7, 2005. In addition, Geotechnics Incorporated submitted "Response to Review Comments, Geotechnical Evaluation of Quarry Slope Stability, Hanson Aggregates Eagle Valley Quarry, El Cerrito Area, Riverside County, California", dated November 18, 2005.

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10. GENERAL CONDITIONS

10.PLANNING. 4 SMP - SLOPE STABILITY (cont.) RECOMMND

\_\_\_" by \_\_\_ dated \_\_\_ which are on file at the Riverside County Planning Department.

10.PLANNING. 5 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, for all equipment used on the premises other than turbocharger vehicles designed and licensed for highway use.

10.PLANNING. 6 SMP- DUST PREVENTION MEASURE RECOMMND

During the life of the permit, all 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).

10.PLANNING. 7 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. 8 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 Mining Plan, Exhibit "A," dated April 22, 2014 and the Reclamation Plan, Exhibit "B," dated April 22, 2014.

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10. GENERAL CONDITIONS

10.PLANNING. 9 SMP- OPERATING HOURS

RECOMMND

Mining operations located more than 300 feet inside the outer boundary of the property are permitted to operate twenty-four (24) hours a day, Monday through Friday. Mining operations other than maintenance and emergencies are prohibited on weekends and all federally recognized holidays.

Transporting operations are permitted twenty-four (24) hours a day, Monday through Friday, except along Cajalco Road east of Eagle Canyon Road and along Temescal Canyon Road. Transporting operations along Cajalco Road and Temescal Canyon Road shall be limited to the hours of 6:00 a.m. and sunset (of the same day), Monday through Friday. All transporting operations, other than maintenance and emergencies are prohibited on weekends and federally recognized holidays.

10.PLANNING. 10 SMP - LOADED TRUCK CARE

RECOMMND

All loaded trucks gressing 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. 11 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.

10.PLANNING. 12 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.

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10. GENERAL CONDITIONS

10.PLANNING. 13 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. 14 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. 15 SMP - COMPLY W/ ORD. 655 RECOMMND

Surface mining operations approved by this permit shall conform to all of the applicable requirements of Riverside County Ordinance No. 655, regulating light pollution.

10.PLANNING. 16 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. 17 SMP - NO EXPLOSIVES RECOMMND

No blasting, dynamiting or use of explosives of any kind whatsoever on the premises is authorized.

10.PLANNING. 18 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.

10.PLANNING. 19 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

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10. GENERAL CONDITIONS

10.PLANNING. 19 SMP - SUSPEND OPER. FOR WIND (cont.) RECOMMND

instantaneous gusts) exceed 20 miles per hour. All surface mining operations shall be suspended during first and second stage smog alerts.

10.PLANNING. 20 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. 21 SMP - RESPONSIBLE TO RECLAIM RECOMMND

The permittee (ine 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. 22 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. 152, Revised No. 1. The Planning Director and/or Building Director may require inspection or other monitoring to insure such compliance.

10.PLANNING. 23 SMP - BLASTING OPERATIONS RECOMMND

Blasting shall only be conducted between the hours of 12:00 PM and 4:00 PM, Monday through Friday, except Federally recognized holidays. If an emergency situation, related to safety or weather conditions, should occur, blasting may occur outside of these hours. Blasting shall be performed in accordance with the following



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10. GENERAL CONDITIONS

10.PLANNING. 23

SMP - BLASTING OPERATIONS (cont.)

RECOMMND

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, County Sheriff Department, MWD, and SCE prior to 4:30 PM the day prior to blasting.
- 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 safety procedures.
- n. Following a blasting episode, the area shall be inspected to assure that the blast went as planned. The

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10. GENERAL CONDITIONS

10.PLANNING. 23 SMP - BLASTING OPERATIONS (cont.) (cont.) RECOMMND

"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. 24 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 direction and approximate wind velocity.
- e. Number of holes, burden and spacing.
- f. Diameter and depth of holes.

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10. GENERAL CONDITIONS

10.PLANNING. 24 SMP - BLASTING RECORDS (cont.) RECOMMND

- 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. 25 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. 26 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. 27 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.

10.PLANNING. 29 USE - BUSINESS LICENSING RECOMMND

Every person conducting a business within the unincorporated area of Riverside County, as defined

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10. GENERAL CONDITIONS

10.PLANNING. 29 USE - BUSINESS LICENSING (cont.)

RECOMMND

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](http://www.rctlma.org.buslic).

10.PLANNING. 30 SMP - SSR00683

RECOMMND

County Slope Stability Report (SSR) No. 683 was prepared for this project (SMP00152S1 and RCL00152R1) by Geotechnics Incorporated and is entitled "Geotechnical Evaluation of Quarry Slope Stability, Hanson Aggregates Eagle Valley Quarry, El Cerrito Area, Riverside County, California", dated June 7, 2005. In addition, Geotechnics Incorporated submitted "Response to Review Comments, Geotechnical Evaluation of Quarry Slope Stability, Hanson Aggregates Eagle Valley Quarry, El Cerrito Area, Riverside County, California", dated November 18, 2005. This document is herein incorporated as a part of SSR No. 683.

SSR No. 683 concluded:

1.The geologic structure will play a prominent role in slope stability.

2.The evaluation of slope stability indicates the currently proposed mine slopes (maximum slope inclination of 45 degrees with 10 foot wide benches at maximum vertical spacing of 50 feet) are grossly stable under static and seismic conditions.

3.Shear zones observed within the site were localized and discontinuous and the shear zones should not affect the overall slope stability.

4.Due to the elevation of the site with respect to the surrounding terrain, the potential for significant groundwater recharge up-gradient of the quarry is considered to be minimal.

5.Two potentially unstable wedge intersections occur on the 45 degree faced cut of the east facing slope.

6.There appears to be some potential for toppling in the south facing slope at the current/existing configuration.

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10. GENERAL CONDITIONS

10.PLANNING. 30 SMP - SSR00683 (cont.)

RECOMMND

SSR No. 683 recommended:

1.Resultant mine slopes should have an overall inclination no steeper than 45 degrees (1:1 cuts with 10-foot benches at maximum 50-foot intervals, as proposed).

2.Periodic mapping and engineering analysis should be performed in order to identify and analyze unanticipated geologic conditions that may be exposed in the finished slopes.

3.If significant groundwater is encountered during excavation for the final quarry slopes, additional analysis would need to be performed.

4.Slopes in the highly weathered materials in the upper approximate 50 feet should be laid back at more gentle inclinations than those recommended for the rock slopes. For planning purposes, a slope inclination of approximately 1.5:1 may be used.

5.The quarry operator will follow safe mining practices according to MSHA and SMARA requirements during their ongoing mining operations.

SSR No. 683 satisfies the requirement for a slope stability assessment for planning purposes. Final approved of SSR No. 683 is hereby granted for planning purposes. Engineering and other Uniform Building Code parameters were not included as a part of this review or approval and this approval is not intended, and should not be misconstrued as approval for grading permit or entitlement of any future use other than that proposed in this mining plan (SMP00152R1). Additional fieldwork, analysis and reporting may be required as part of the ongoing mining process.

TRANS DEPARTMENT

10.TRANS. 1 SMP - STD INTRO (ORD 461)

RECOMMND

With respect to the conditions of approval for the referenced tentative exhibit, the landowner shall provide all street improvements, street improvement plans and/or road dedications set forth herein in accordance with Riverside County Road Improvement Standards (Ordinance 461). It is understood that the exhibit correctly shows

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10. GENERAL CONDITIONS

10.TRANS. 1 SMP - STD INTRO (ORD 461) (cont.) RECOMMND

acceptable centerline elevations, all existing easements, traveled ways, and drainage courses with appropriate Q's, and that their omission or unacceptability may require the exhibit to be resubmitted for further consideration. This ordinance and all conditions of approval are essential parts and a requirement occurring in ONE is as binding as though occurring in all. All questions regarding the true meaning of the conditions shall be referred to the Transportation Department.

10.TRANS. 2 SMP - COUNTY WEB SITE RECOMMND

Additional information, standards, ordinances, policies, and design guidelines can be obtained from the Transportation Department Web site: <http://rctlma.org/trans/>. If you have questions, please call the Plan Check Section at (951) 955-6527.

20. PRIOR TO A CERTAIN DATE

EPD DEPARTMENT

20.EPD. 1 - FINAL REVEGETATION RECOMMND

Prior to final reclamation all suitable interslope benches must be revegetated as described in the Revegetation Plan Appendix G of the Revised Reclamation Plan for the Eagle Valley Quarry prepared by Enviromine in December of 2013 and updated in March of 2014.

20.EPD. 2 - REVEG TEST PLOTS RECOMMND

Revegetation test plots shall be established as soon as extraction begins. Revegetation test plots must be in place for a minimum of two years prior to beginning reclamation on any portion of the project site. A qualified individual must maintain test plots and keep accurate records of test plot conditions and progress.

20.EPD. 3 - BIOLOGICAL INSPECTIONS RECOMMND

At least once annually all test plots, test plot records and areas undergoing reclamation shall be made available for inspection by Riverside County Planning Department Environmental Programs Division personnel.

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20. PRIOR TO A CERTAIN DATE

20.EPD. 4 - FINAL REVEG REPORT RECOMMND

No sooner than five years after revegetation efforts have been deemed successful a qualified biologist who holds an MOU with the County of Riverside must submit a document demonstrating that revegetation efforts have met the performance standards described in the Revised Reclamation Plan of the Eagle Valley Quarry prepared by Enviromine in December of 2013 and updated in March of 2014. The document shall be submitted to the Environmental Programs Division for review and approval.

20.EPD. 5 - FINANCIAL ASSURANCE RECOMMND

During the life of the permit the permittee shall annually provide current cost estimates and financial assurances to carry out revegetation efforts as described in the Reclamation Plan for the Eagle Valley Quarry prepared by Enviromine in December of 2013 and updated in March of 2014. The amount of the financial assurance must be enough to carry out all required reclamation procedures. Financial assurances and cost estimates must be submitted to the Environmental Programs Division of the Riverside County Planning Department for review and approval.

PLANNING DEPARTMENT

20.PLANNING. 2 SMP\*- LIFE OF PERMIT RECOMMND

This permit shall become null and void sixty-six (66) years after the original expiration date identified under SMP00152. All mining and reclamation activities shall conclude on December 31, 2080. Annual mining tonnage shall not exceed 1.1 million cubic yards. Extensions of time to the life of this permit shall require submission of a revised permit application in accordance with Riverside County's Ordinance No. 555.

60. PRIOR TO GRADING PRMT ISSUANCE

PLANNING DEPARTMENT

60.PLANNING. 1 SMP - YR BLASTING NOTICES RECOMMND

A letter, containing a general description of the blasting operations and precautions, including the blast warning whistle signals that are required by the State of California Construction Safety orders, shall be sent to all

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60. PRIOR TO GRADING PRMT ISSUANCE

60.PLANNING. 1 SMP - YR BLASTING NOTICES (cont.) RECOMMND

residents within a one-half mile radius of the surface mining operations. The notification will occur a minimum of once a year. Evidence that notification has been done shall be included in the annual report submitted prior to the issuance of the annual Special Inspections Permit.

60.PLANNING. 4 SMP - ANNUAL INSPECTION REPORT RECOMMND

THE MINE OWNER/OPERATOR, AS A PART OF THE DOCUMENTATION REQUIRED TO BE SUBMITTED TO THE COUNTY BY JULY 1 OF EACH YEAR, SHALL SUBMIT TO THE COUNTY THE FOLLOWING:

- 1) Provide a copy of your current year MRRC-2 Annual Inspection Report and proof of payment to the OMR for your Annual State Reporting Fees.
- 2) Completed and signed Application for Annual Surface Mine Inspection Permit and associated Land Use and Permit Application Processing Agreement.
- 3) Deposit for the Annual Mine Inspection as calculated by the County for that year's inspection.
- 4) Annual updated comprehensive cost estimates for financial assurance of mine reclamation.
- 5) New and current aerial topographic maps with property lines and mine setbacks identified\*.
- 6) Indicate the maximum depth of each excavation.
- 7) Provide in cubic yards and tons the quantity of materials mined during the reporting period.
- 8) A current, signed Statement of Responsibility for reclamation of the mine.
- 9) Provide a statement from a Certified Engineering Geologist and/or a qualified Professional Engineer that all active and inactive mine slopes (cut & fill), are within the approved mining and reclamation plan boundaries, at the approved angles (slope ratio), and are stable as constructed\*.
- 10) Written certification that the mining operation is in full compliance with all applicable Conditions of Approval and all ground disturbances at the site are within the limits of the mining permit and/or reclamation plan\*.
- 11) Provide proof of a new, renewed or existing approved financial assurance mechanism.

\* Any deviation from the approved plans should be noted and be accompanied by appropriate mitigation recommendations and amended Surface Mine Application as appropriate.