

# SAN BERNARDINO COUNTY INITIAL STUDY ENVIRONMENTAL CHECKLIST FORM

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This form and the descriptive information in the application package constitute the contents of Initial Study pursuant to County Guidelines under Ordinance 3040 and Section 15063 of the State CEQA Guidelines.

## **PROJECT LABEL:**

<b>APN:</b>	0239-121-16
<b>Applicant:</b>	CEMEX Construction Materials Pacific LLC P.O. Box 4120 Ontario, CA 91761
<b>Community:</b>	Lytle Creek/Supervisorial District 2
<b>Location:</b>	North side of Riverside Avenue, approximately 0.5 miles southeast of Interstate 15
<b>Project No:</b>	AP20080030
<b>Staff:</b>	George H. Kenline
<b>Rep:</b>	Lilburn Corporation
<b>Proposal:</b>	A revision to an existing Reclamation Plan 93M-04 to excavate the North Quarry to a uniform depth of 150 feet below ground surface. The additional depth will allow Cemex to increase aggregate reserves within the existing defined quarry. No additional new land will be disturbed besides the areas previously permitted. This revision is not requesting any changes in project area or mine plan acreage, annual production, or length of the expiration date of April 19, 2028.

**USGS Quad:** Devore  
**T, R, Section:** T1N R5W Sec. 9, 10, 15, 16, 21, and 22  
**Thomas Bros.:** 544  
**Community Plan:** Lytle Creek  
**LUSD:** FW, RC, RS-20M  
**Overlays:** Flood Plain Safety Overlay Zone (FP1); Fire Safety (FS3)

## **PROJECT CONTACT INFORMATION:**

**Lead agency:** County of San Bernardino  
Land Use Services Department - Planning Division  
385 N. Arrowhead Avenue  
San Bernardino, CA 92415-0184

**Contact person:** George H. Kenline  
**Phone No:** (909) 387-4131      **Fax No:** (909) 387-3223  
**E-mail:** gkenline@lUSD.sbcounty.gov

## **I. USE OF AN ADDENDUM TO A MITIGATED NEGATIVE DECLARATION**

This document is prepared as Addendum No. 2 to the Initial Study/Mitigated Negative Declaration titled *County of San Bernardino Initial Study for the Lytle Creek Wash Amended Reclamation Plan*, dated February 9, 2001. A Notice of Determination that a Mitigated Negative Declaration was prepared to revise the Reclamation Plan and increase the facility in size from 870 to 932 acres was filed with the Clerk of the County Board of Supervisors on April 19, 2001.

This Addendum has been prepared pursuant to Section 15164 of the California Environmental Quality Act (CEQA) Guidelines, which provides for the use of this form of environmental documentation when minor technical changes or additions are necessary.

Guidelines indicate that an Addendum need not be circulated for public review but can be included in or attached to the adopted Negative Declaration. This Addendum addresses a modification to the project description as presented in the current application. It addresses a project description change consisting of a revision to the Reclamation Plan to excavate the North Quarry to a uniform depth of 150 feet below ground surface (bgs).

This document evaluates the differences, if any, in potential environmental impacts and mitigation measures considered in the previous CEQA document. The Addendum is an administrative action to update the existing February 2001 and subsequent November 2006 Mitigated Negative Declaration.

## **II. PROJECT HISTORY**

For a history of the project, refer to the April 2001 and subsequent November 2006 Initial Study/Mitigated Negative Declaration on file at the San Bernardino County Land Use Services Department. No changes to the project history or background documentation were identified as a result of this Addendum. Documents referenced in this Addendum include:

- County Application Forms for “Mining Revisions Minor Modifications of Conditions of Approval or Project Design” including revised Reclamation Plan sheets 1, 2, and 3 with revisions highlighted and/or noted.
- “Evaluation of Fontana Water Company Wells Near the Cemex Lytle Creek Quarry, San Bernardino County, California,” GEOSCIENCE Support Services, Inc. (Dennis Williams), April 2008 (bound with application)
- “Update to Slope Stability Investigation Proposed Amended Reclamation Plan North and South Quarries Cemex Lytle Creek Wash Quarry Rialto Area of San Bernardino County, California,” CHJ Inc., December 2008.
- November 2006 Mitigated Negative Declaration.
- May 2006 Application submittal from CEMEX Construction Materials L.P.
- South Coast Air Quality Management District (SCAQMD) Rule 1157: PM10 Emission Reductions from Aggregate and Related Operations (Amended September 8, 2006)
- November 1, 2004 Lighting Report, Lilburn Corporation.
- April 29, 2001 Amended Reclamation Plan and Permit for the CEMEX USA Lytle Creek Quarry.

**ENVIRONMENTAL/EXISTING SITE CONDITIONS:**

For a discussion of the environmental setting refer to the April 2001 Initial Study/Mitigated Negative Declaration (Attachment A) and also on file at the San Bernardino County Land Use Services Department. Since the April 2001 document, the Lytle Creek North planned residential development was approved to the north and west of the quarry site.

AREA	EXISTING LAND USE	OFFICIAL LAND USE DISTRICT
<u>Site</u>	Aggregate Operations	Floodway (FW);Resource Conservation (RC); Single Residential (RS-20M)
North	Lytle Creek	Glen Helen Specific Plan (GH/SP) & Special District Residential (SD RES)
South	Riverside Drive, Residential	RS-20M & City of Rialto Residential
East	Residential / Lytle Creek	GH/SP & FW
West	Planned Development, Tile Plant	FW

**III. ENVIRONMENTAL EVALUATION**

**Project Description**

Cemex Construction Materials Pacific LLC (Cemex) proposes to revise the approved Reclamation Plan 93M-04 in order to excavate the North Quarry to a uniform depth of 150 feet bgs. The additional depth will allow Cemex to increase aggregate reserves within the existing defined quarry. No additional new land will be disturbed besides the areas previously permitted. This revision is not requesting any changes in project area or mine plan acreage, annual production, or length of the expiration date of April 19, 2028.

The Lytle Creek quarry operation is a vested operation with the established right to produce four million tons of aggregates annually. Aggregate reserves in 2009 were estimated at 67 million tons. Based on 16 years of remaining operation and typical waste factors ranging from five to 10 percent, aggregate production would be approximately 3.8 to 4 million tons per year, within the approved annual production limit of four million tons per year. The revisions discussed above and details showing the planned repair of the earthen levee damaged in the winter of 2004/2005 are also incorporated onto Sheets 1 and 3 of the approved Amended Reclamation Plan for Lytle Creek Wash as of its last revision dated December 29, 2006.

The North Quarry would be available for water spreading activities in the future. These anticipated water spreading activities would maintain the diversion and recharge facilities

historically operated and maintained by the Lytle Creek Water Conservation Association (LCWCA) in the Wash area. The water spreading activities may also be the first part of an overall regional plan to meet total dissolved solids (TDS) levels required under the Santa Ana Regional Water Quality Control Board's (SARWQCB – Region 8) Waste Discharge Requirements (WDRs) under Board Order No. R8-2007-004 adopted on April 20, 2007. Any water spreading activities will be conducted by others and will require appropriate permitting and review by the County of San Bernardino in accordance to the County Development Code.

## **Proposed Addendum**

Pursuant to CEQA Guidelines Section 15162, a subsequent Mitigated Negative Declaration would be required if new significant environmental effects were identified or a substantial increase in the severity of previously identified effects were expected pursuant to the proposed excavation of the North Quarry to a uniform depth of 150 feet bgs.

This Addendum does not include a change in personnel, production rate, surface disturbance, deliveries or hours of operation. Therefore, continued operations on site, would maintain previously operated and analyzed conditions.

The following discussion demonstrates that the proposal to excavate the North Quarry to a uniform depth of 150 feet bgs is within the scope of the environmental analysis presented in the April 2001 Initial Study/Mitigated Negative Declaration, and that the proposed project will not result in any new significant impacts or require any new or augmented mitigation measures. No further environmental review is required at this time to approve the project as proposed.

## **Aesthetics**

No change from 2001 as the site is already disturbed – no new mining areas are being created. No new significant effects are identified; therefore, no new mitigation measures or project revisions are necessary.

## **Air Quality**

Since the April 2001 Reclamation Plan approval, the South Coast Air Quality Management District (SCAQMD) promulgated Rule 1157: *PM10 Emission Reductions from Aggregate and Related Operations* (amended September 8, 2006). Rule 1157 has incorporated commonly applied mitigation into regulatory requirements. Key aspects of the Rule are: Operation cessation during high winds; dust suppression at transfer points; requirements for a baghouse on specific equipment; internal road dust suppression; open stockpile surface stabilization; and track-out control and cleanup. Specific standards have been established for fugitive dust opacity, distance from the source and visibility. Dust control measures must be in place to limit blowing dust from exceeding 100 feet of travel in any direction. Enforcement of the Rule will include the requirement for an emissions reduction plan for repeated infractions. An operator must demonstrate adequate surface stabilization on open storage piles and reports of its effectivity must be submitted to the SCAQMD on a specified basis.

Overall, there are no operational changes being proposed and there is no expansion of mining areas beyond the approved boundaries. No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Biological Resources**

No change from 2001 as the site is already disturbed – no new mining areas are being created. Conditions of Approval Nos. 26, B-1, and B-2 (Attachment B) address mitigation required by the April 2001 Initial Study/Mitigated Negative Declaration. No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Cultural Resources**

No change from 2001 as the plant site is already disturbed – no new mining areas are being created. No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Geology and Soils**

No significant changes would be made to the quarry within the scope of the entire project. A revised Slope Stability Investigation was prepared in December 2008 by CHJ Incorporated for the excavation of the North Quarry to a uniform depth of 150 feet below ground surface. The analysis concluded that proposed mining and reclamation activities would be adequately stable against gross failure and that the slopes are stable under both static and pseudostatic (seismic) conditions. No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Hazards and Hazardous Materials**

No new materials are planned to be used on site; therefore, impacts related to hazards and hazardous materials remain less than significant. In addition, a Business Emergency/Contingency Plan is on file with the County Fire Department and no changes to it are being proposed.

### **Hydrology and Water Quality**

A Technical Memorandum, prepared by Geoscience Support Services, Inc. (April 2008) (Appendix D) concluded that:

- Fontana Wells F-32A and F-34A are the only production wells reasonable close to the North and South Cemex Lytle Quarry pits (refer to Figures 1 and 6 of the Technical Memorandum for additional information and well location);
- Groundwater flows from the northwest to the southeast;
- Aquifer materials in the vicinity of the wells and pits consist predominantly of sand, gravel and boulders;
- The closest well (F-34A) is located approximately 800 feet from the northwest corner of the South Pit;
- Historical ground water elevations may rise above the future bottom of the North and South pits during wet hydrologic periods;
- With Well F-32A pumping continuously at a discharge rate of 2,000 gallons per minute (gpm), ground water modeling (i.e. particle tracking) shows that the travel time from the closet portion of the South Pit to Well F-32A is approximately one year;

- With Well F-34A pumping continuously at a discharge rate of 2,000 gpm, travel time from the southern edge of the North pit to F-34A is approximately two years; and
- With both Wells F-32A and F-34A pumping simultaneously at discharge rates of 2,000 gpm each, travel times from the closest edge of the South Pit and North Pit to the Wells is approximately one year and two years, respectively.

Groundwater monitoring is addressed in Conditions of Approval Nos. 17, 20, 25 and WQ-1 through WQ-3 (see Attachment B). No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Land Use and Planning**

No changes to land use are being proposed; therefore, impacts remain less than significant per the 2001 MND.

### **Noise**

No new mining areas are being created. No increase is planned in either traffic or the plant production rate. No new significant effects are identified and no new mitigation measures or project revisions are necessary.

### **Population and Housing**

There would be no increase in the number of employees and or population in the general area of the project; therefore, impacts would remain less than significant

### **Transportation/Traffic**

Traffic flow has been improved since 2001 with the improvements made to Locust Avenue and Riverside Drive pursuant to Condition of Approval No. 29. In addition, no increases in traffic, deliveries or plant production rate are proposed; therefore, impacts would be less than significant.

### **Utilities and Service Systems**

The proposed project would not result in changes to waste disposal, storm water, or water treatment. The project does not include increases in water usage or energy consumption; therefore, impacts would be less than significant.

### **Mandatory Findings of Significance**

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

Analysis of the proposed project did not identify the potential to have impacts that are individually limited, but cumulatively considerable.

Analysis of the proposed project did not identify the potential to have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly.

## V. CONCLUSION

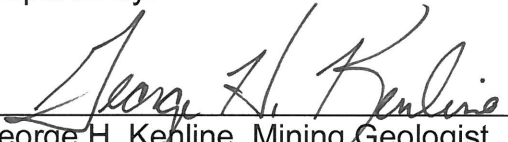
The proposed excavation of the North Quarry to a uniform depth of 150 feet bgs is within the scope of the 2001 environmental analysis as contained in the February 9, 2001 Initial Study/Mitigated Negative Declaration. Therefore, no new mitigation measures are necessary and no further environmental review is required.

## VI. REVIEW AUTHORITY

The San Bernardino County Development Code, Division 2, Chapter 1, Section 82.0105 (f)(3) states, "The Director of Planning shall be responsible for conducting Initial Studies and making determinations or recommendations as to whether a Negative Declaration or Notice of Exemption will be adopted or whether an Environmental Impact Report (EIR) will be required."

## VII. CERTIFICATION

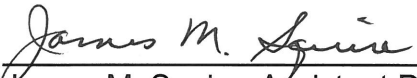
Prepared by:

  
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December 13, 2010

Date

Approved by:

  
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James M. Squire, Assistant Director  
Land Use Services Department

December 13, 2010

Date