

APPENDIX 2

Storm Water Pollution Prevention Plan and Hydrology Analysis

SESPE CONSULTING, INC.

MEMORANDUM

468 Poli Street, Ste. 2E • Ventura, California 93001
Office • (805) 275-1515 Fax • (805) 667-8104

Date: June 30, 2011

From: Jeff Palmer, P.E.

Re: Pacific Aggregates, SMARA hydrology analysis



The Pacific Clay and Pacific Aggregates site, located at 14741 Lake Street, Lake Elsinore California is an approximately 1400 acre site used for mining of clay and aggregate products. The site is located approximately 3 miles northwest of Lake Elsinore and is surrounded by various natural and disturbed land uses. A number of residential, street and related improved areas drain through the site. In addition, large tracts of natural areas drain to the site. The enclosed exhibits, sheets 1-5, include all the areas and basins as part of the Stormwater Pollution Prevention Plan (swppp), dated October 2006.

The SWPPP includes various onsite improvements to collect both mineable materials that enter the site as well as collection of both off-site and on-site storm flows. Several natural channels, deposit various aggregate materials within the site boundaries. The onsite storm flow controls collect this material for removal and processing. The onsite controls also collect and retain all onsite and offsite flows for a ten-year, 24 hour design storm.

An analysis of the SWPPP and SMARA stormwater control guidelines indicates that the site fully contains both the required SWPPP and SMARA required flowrates and design volumes.

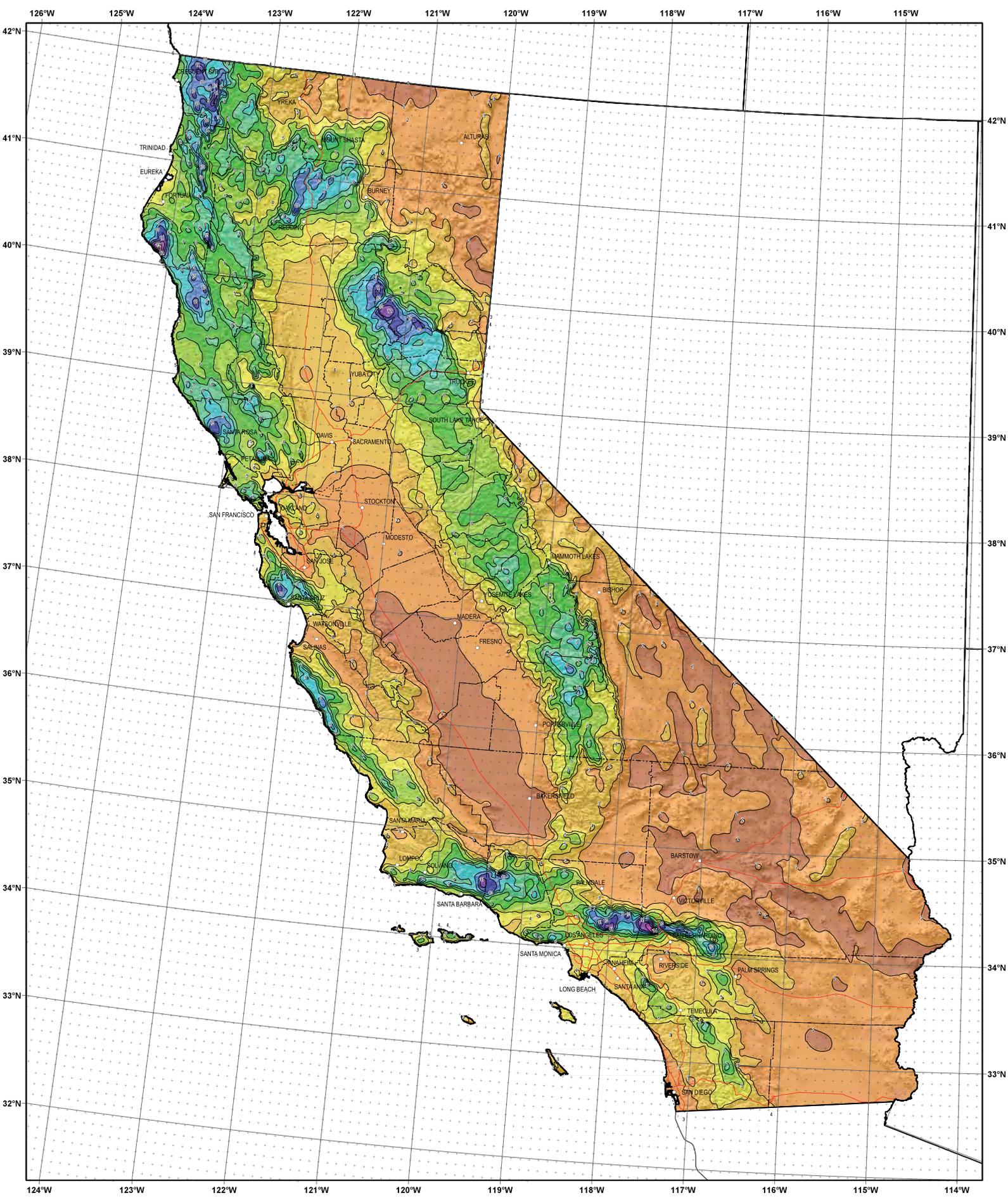
The SMARA guideline requires a 20 year, 1 hour design flow rate and volume while the SWPPP guideline requires containment and treatment of the 10 year 24 hour design volume. The attached exhibits 1 and 2, provide a comparison of the guidelines. Per the NOAA Atlas Maps, the 10-year 24-hour maximum isopluvial used for the SWPPP guideline design volume is 5.0 inches. A 25 year storm was used in lieu of the SMARA required 20-year 1-hour guideline for comparative analysis since data was not available for a 20 year storm. Per the NOAA Atlas Maps, the 25-year 1-hour maximum isopluvial for the site is 1.0 inches. Accordingly, the existing site controls for collection and retention of stormwater flows under the SWPPP guidelines exceed the SMARA requirement

Areas where storm flows 'run in' from offsite are monitored on a routine basis. Where run in flow has been concentrated by offsite residential developments, onsite BMP's have been adjusted to minimize erosion.

In active flow areas that were previously mined, the on-site collection of mineable materials is also controlled and monitored as part of the SWPPP document and operations. Flow controls and basin management provide several areas for material management. In several of these areas where flows

enter the site, previous mining operations were conducted to collect and process the material. Excavation has ceased in these areas and they are part of an adaptive management program to establish and stabilize the natural flow areas.

These adaptive management controls currently consist of basins configured using natural onsite materials to collect the aggregate materials, slow the storm flows and retain the flows to prevent stormwater discharges. Regular removal and basin maintenance is performed to maintain the basin capacity and control flow rates. Annual monitoring of storm flows, storm intensities and volume calculations of new material entering the site is documented. The annual variation of material collected and stabilization of the natural flow areas determines the operational changes for the site, and assess potential for offsite impacts. The SWPPP is updated with annual topographic data changes to provide additional information in the adaptive management approach to the natural areas.



NOAA Atlas 14, Volume 6, Version 2
California

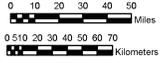
CALIFORNIA

Isopluals of 10-year 24-hour precipitation in inches

Prepared by U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
OFFICE OF HYDROLOGIC DEVELOPMENT
HYDROMETEOROLOGICAL DESIGN STUDIES CENTER
April 2011

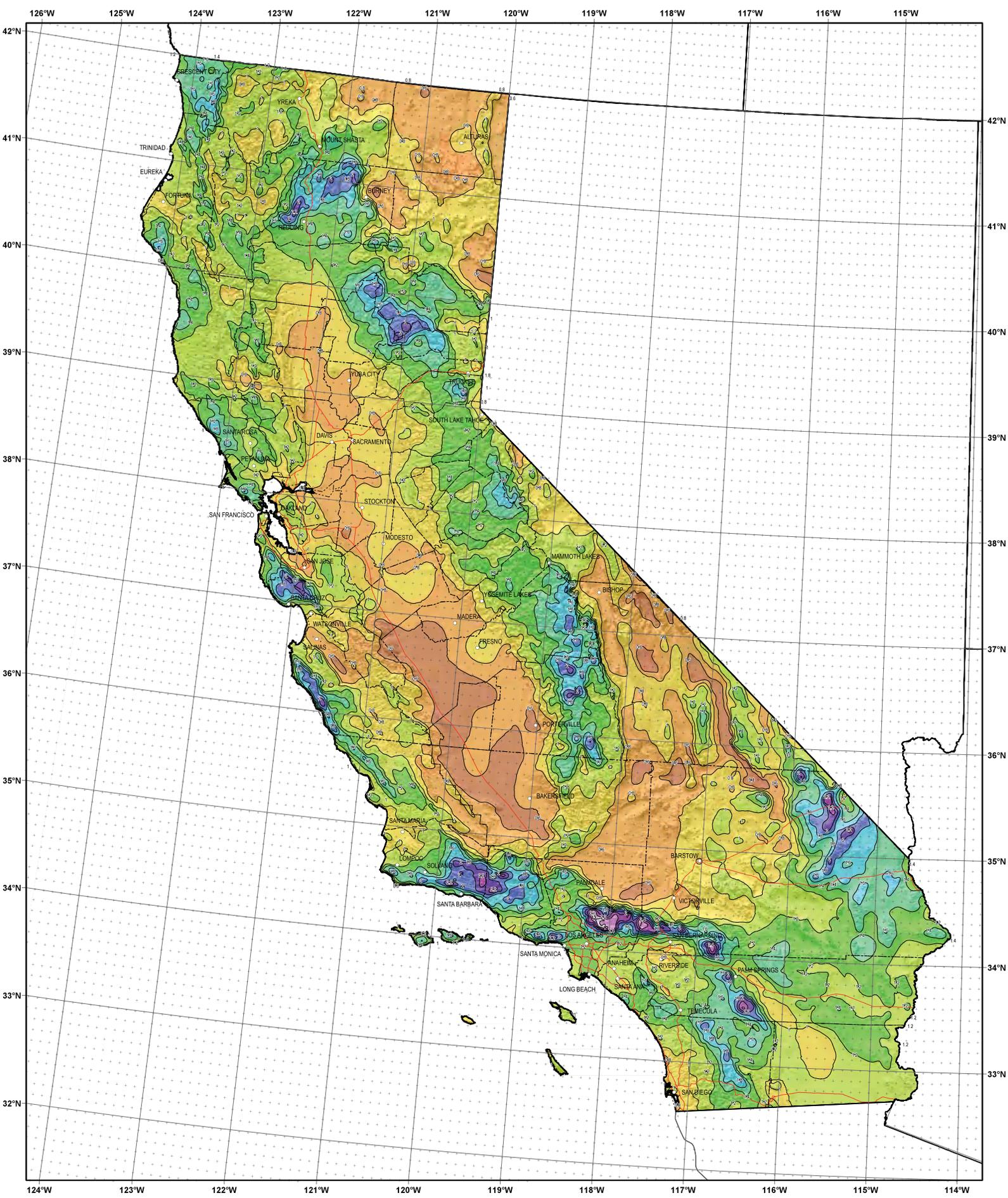


SCALE 1:2,500,000



0.70 - 1.00	4.01 - 5.00	8.01 - 9.00	12.01 - 13.00
1.01 - 2.00	5.01 - 6.00	9.01 - 10.00	13.01 - 14.00
2.01 - 3.00	6.01 - 7.00	10.01 - 11.00	14.01 - 14.53
3.01 - 4.00	7.01 - 8.00	11.01 - 12.00	

Projection: Lambert Conformal Conic; Datum: NAD83; Standard Parallels: 38° and 45°; Central Meridian: 112°



NOAA Atlas 14, Volume 6, Version 2
California

CALIFORNIA

Isopluvials of 25-year 60-minute precipitation in inches

Prepared by U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
OFFICE OF HYDROLOGIC DEVELOPMENT
HYDROMETEOROLOGICAL DESIGN STUDIES CENTER
April 2011



SCALE 1:2,500,000
0 10 20 30 40 50
Miles
0 10 20 30 40 50 60 70
Kilometers

- 0.25 - 0.40 ■ 0.81 - 1.00 ■ 1.41 - 1.60 ■ 2.01 - 2.20 ■ 2.61 - 2.74
- 0.41 - 0.60 ■ 1.01 - 1.20 ■ 1.61 - 1.80 ■ 2.21 - 2.40
- 0.61 - 0.80 ■ 1.21 - 1.40 ■ 1.81 - 2.00 ■ 2.41 - 2.60

Projection: Lambert Conformal Conic; Datum: NAD83; Standard Parallels: 38° and 45°; Central Meridian: 112°

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NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATES

DATA DESCRIPTION

Data type: precipitation depth Units: english Time series type: partial duration

SELECT LOCATION

1. Manually:

a) Enter location (decimal degrees, use "-" for S and W): latitude: longitude:

b) Select station:

2. Use map:

a) Select location (move crosshair)

b) Click on station icon
 show stations on map

LOCATION INFORMATION:
 Name: Temecula, California, US*
 Latitude: 33.5361
 Longitude: -117.1346
 Elevation: 1116ft*

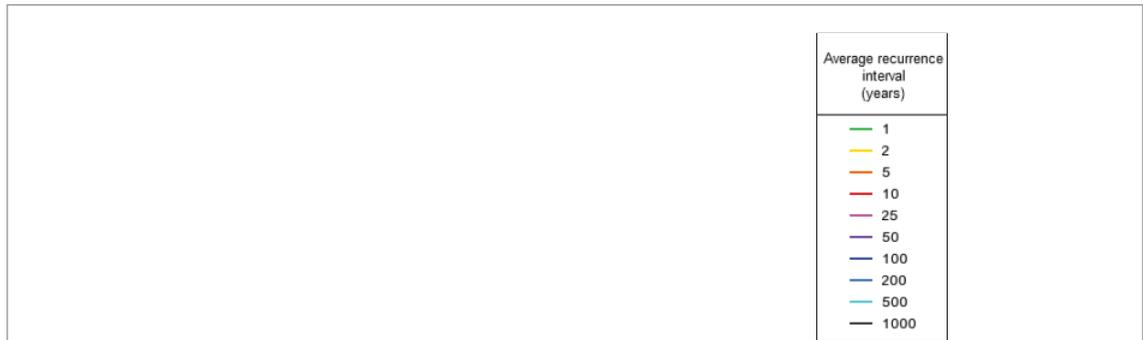
* source: Google Maps

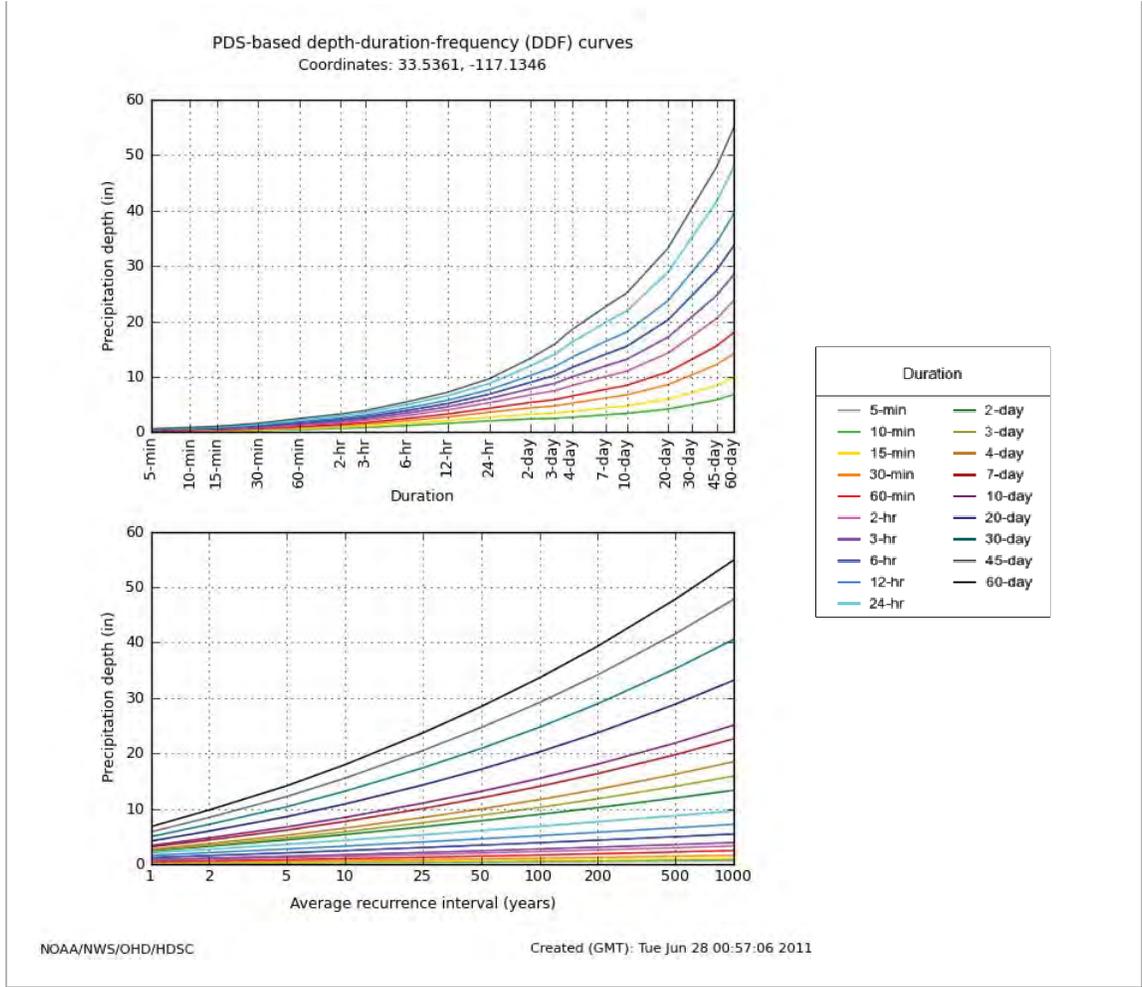
POINT PRECIPITATION FREQUENCY (PF) ESTIMATES WITH 90% CONFIDENCE INTERVALS AND SUPPLEMENTARY INFORMATION NOAA Atlas 14, Volume 6, Version 2

PF tabular **PF graphical** Supplementary information



Curves PF estimates with confidence intervals





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STORM WATER POLLUTION PREVENTION PLAN

Pacific Clay Products and Pacific Aggregates, Inc.
14741 Lake Street
Lake Elsinore, CA 92530

Prepared by:

Geomatrix Consultants, Inc.
510 Superior Avenue, Suite 200
Newport Beach, CA 92663
(949) 642-0245

October 2006

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APPENDICES

APPENDIX A	INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT
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REVISION SHEET

All revisions to the Storm Water Pollution Prevention Plan must be documented. Presented below is a listing, by date, of the sections that have been revised.

Revision 1

Date: October 2006
Section(s) Revised: Figures
Purpose of Revision: Update Site Map

Revised By: Geomatrix Consultants, Inc.
Work Phone Number: (949) 642-0245

Revision 2

Date: April 20, 2007
Section(s) Revised: Section Q: Sediment and Erosion Prevention
Purpose of Revision: Add outfall specific sediment and erosion control BMP's

Revised By: Geomatrix Consultants, Inc
Work Phone Number: (949) 642-0245

Revision 3

Date: August 10, 2007
Section(s) Revised: C
Purpose of Revision: Relocated Scales, Scale House, and Site Entrance and Exit

Revised By: Chad Warren
Work Phone Number: (951) 245-2460

Revision 4

Date: October 10, 2007
Section(s) Revised: Industrial Processes #11
Purpose of Revision: New rock receiving, crushing and screening area, and fines processing area.

Revised By: Karl Kottman/Chad Warren
Work Phone Number: (951) 233 1619

Revision 5

Date: January 1, 2008
Section(s) Revised: D, Industrial Processes
Purpose of Revision: Sand Plant 1 taken out of service

Revised By: Chad Warren
Work Phone Number: (951) 285-5547

Revision 6

Date: February 26, 2008
Section(s) Revised: L & M
Purpose of Revision: New BMPs

Revised By: Karl Kottman
Work Phone Number: (951) 233 1619

Revision 7

Date: June, 2008
Section(s) Revised: Site Map
Purpose of Revision: Updated aerial topographic map

Revised By: Chad Warren
Work Phone Number: (951) 285-5547

Revision 8

Date: July, 2008
Section(s) Revised: C, G, K, and M
Purpose of Revision: New fuel tanks near maintenance shop #2

Revised By: Chad Warren
Work Phone Number: (951) 285-5547

Revision 9

Date: January 1, 2009
Section(s) Revised: D, Industrial Processes
Purpose of Revision: Sand Plant #2 taken out of service

Revised By: Chad Warren
Work Phone Number: (951) 285-5547

Revision 10

Date: November, 2009

Section(s) Revised: C

Purpose of Revision: New Site Exit and Entrance and associated BMPs

Revised By: Chad Warren

Work Phone Number: (951) 285-5547

Revision 11

Date: January, 2010

Section(s) Revised: C

Purpose of Revision: New surplus equipment storage areas

Revised By: Chad Warren

Work Phone Number: (951) 285-5547

Revision 12

Date: February, 2010

Section(s) Revised: L & M

Purpose of Revision: New BMPs along Lake Street and new exit road

Revised By: Chad Warren

Work Phone Number: (951) 285-5547

Revision 13

Date: October, 2010

Section(s) Revised: L & M

Purpose of Revision: New BMPs along exit road, near brick plant, and in west-central portion of site.

Revised By: Chad Warren

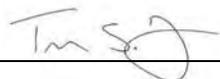
Work Phone Number: (951) 285-5547

A. INTRODUCTION

This Storm Water Pollution Prevention Plan (SWPPP) for Pacific Clay Products and Pacific Aggregates, Inc. facility (the Facility) located at 14741 Lake Street in Lake Elsinore, California. The SWPPP was designed to meet the requirements of the California State Water Resources Control Board (State Board), National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Industrial Activities dated April 17, 1997 (General Permit).

This plan was prepared under the direction or supervision of:

Name: Tim Simpson, P.E.

Signature:  _____

Title: Vice President and Principal Engineer

Company: Geomatrix Consultants, Inc.

Date: October 6, 2006

A.1 Plan Objectives

This SWPPP is designed to:

- Identify potential sources of storm water quality degradation at the facility; and
- identify and implement work practices and management procedures to minimize impact to storm water quality.

The SWPPP provides Pacific Clay Products and Pacific Aggregates, Inc. staff additional guidance for achieving the stated objectives and maintaining compliance with the requirements of the General Permit.

A.2 Regulatory Background

The United States Environmental Protection Agency (USEPA) developed the storm water regulatory program through the authority of the Clean Water Act amendments of 1987. The USEPA's goal was to reduce discharges of contaminated storm water from industrial facilities. The USEPA, through the NPDES permitting program, regulates discharges of potentially contaminated wastewater and storm water into water of the United States. California has been delegated NPDES general permitting authority by the USEPA. California has general permits for industrial storm water discharges and for discharges from construction sites. In April 1997, the State Water Resources Control Board (SWRCB) reissued the Industrial Activities Storm Water General Permit (CAS000001) for industrial storm water discharges. The original permit expired in November 1996. The revised permit was scheduled to expire in 2002, but as of the date of this SWPPP the state has not adopted the new permit. Until a new permit is adopted, the SWRCB has advised dischargers to continue complying with the 1997 permit. Depending upon the requirements of the new permit this SWPPP may need to be revised. All facilities subject to the General Permit must prepare and implement a SWPPP.

A.3 Facility Description

Pacific Clay Products and Pacific Aggregates, Inc. mines clay, manufactures clay bricks, manufactures artificial stone, mines and processes sand and rock, and manufactures ready mixed concrete at the facility, which covers approximately 1,400 acres. The clay mining operation involves the excavation of clays of various types. The manufacture of brick involves stockpiling and blending clays of various types, the grinding and classifying of clay blends, and the wetting, extrusion, formation, drying, firing, drawing, grading and warehousing of ceramic products. Aggregate mining involves excavation of soil and rock and washing of sand and rock. The manufacture of ready-mixed concrete and artificial stone involves the mixing of cement, aggregates, admixtures, and water. Approximately 60 percent of the facility property is comprised of undeveloped open space. Only small sections of the undeveloped open space area is actually mined, and only intermittently whenever additional clay and sand stock are required. The undisturbed sections of the undeveloped open space are vegetated to minimize erosion and weathering. The undeveloped open space areas and mined areas drain into retention basins, detention basins, and mined pits. The retention basins collect storm water runoff providing time for suspended sediments to settle and water to infiltrate into the ground. Excess water is drawn off for dust control. The detention basins collect storm water runoff providing time for the suspended sediments to settle and the water to discharge off site during extreme storm events. Under typical storm event conditions, water infiltrates into the ground and is not discharged. The remaining 40 percent of the facility property is where brick manufacturing, storage and distribution, artificial stone manufacturing, aggregate processing, ready mixed concrete manufacturing, and maintenance garages are located.

Approximately 20 percent of these areas are paved or under cover. The employee parking lot, brick manufacturing, storage and distribution areas drain into open areas that discharge to the Temescal Creek in front of the facility. The facility is accessible from three locations. The first entry point, from Temescal Canyon Road, is on the north side of the facility where the brick retail areas and offices are located. Two entry points are located along Lake Street (formerly Robb Road) on the eastern boundary of the site. One entry point is located near the (future) intersection of Nichols Road, and the other is located approximately 1,500 feet to the south. These entry points along Lake Street provide for the entry and exit of aggregate and ready-mix concrete trucks to and from the facility.

Potential pollutant sources at the facility include:

- Mining Sites and Access Roads;
- Mixing Area;
- Grinding Plant;
- Bag Houses;
- Conveyor Belts;
- Brick Cutting Area;
- Grog Accumulation/Processing Area;
- Outside Staging Area;
- Loading/Unloading Areas;
- Maintenance Areas;
- Vehicle Fluids/Waste Fluids ASTs/USTs;
- Ready Mix Area;
- Stockpiles;
- Aggregate Plants; and
- Stone Manufacturing Area.

A.4 Site Storm Water Drainage

The facility covers approximately 1,400 acres, approximately 97 percent of which is not paved. The undeveloped open space area is graded and vegetated as appropriate to minimize erosion and weathering. In addition to those listed in Appendix A, there are a total of 7 outfalls (1-7) where storm water may discharge from the facility in the event of a major storm. Outfall 1 is located in the northeast corner of the paved employee parking lot on the west side of the main access road to the facility. Outfall 1 collects storm water from the employee parking lot areas and a small portion of flow from the access road used by trucks traveling to the and from the loading and unloading areas. Outfall 1 discharges to Temescal Creek. Outfall 2 is located on the North side of the Finished Brick Loading and Outside Staging Areas where the asphalt meets the soil. Outfall 2 collects storm water from the Retail Area, Brick Manufacturing and Storage Area, building roof tops and Outside Staging Area. Outfall 2 discharges storm water to an un-vegetated open area where Temescal Creek has been known to overflow

and commingle with storm water runoff. Outfall 3 is located in the southeastern portion of the site at the north end of the recently realigned portion of Lake Street. Outfall 3 drains a graded earthen swale constructed for the previously mentioned Lake Street realignment, as well as the western gutter of Lake Street. Outfall 4 is located at the site entrance/exit at its intersection with Lake Street, and drains the paved roadway. Outfalls 5 and 6 are located on the northwestern side of the facility. Outfall 5 has a detention basin that collects storm water from adjacent hillsides and drainage. Outfall 6 collects storm water from the undeveloped southwest side of the facility. Outfall 7 is located on the southeastern side of the facility at the southern site entrance and exit at its intersection with Lake Street. This outfall drains a paved roadway. The site layout and outfall locations are depicted on Figure 1 – Site Map.

A.5 Storm Water Pollution Prevention Team

Pacific Clay Products and Pacific Aggregates, Inc. identifies in this SWPPP a Storm Water Pollution Prevention (SWPP) Team that is assigned the responsibility for implementing this plan. The facility SWPP Team members and their specific duties are identified in Section B.

A.6 Employee Training

An employee training program for this SWPPP is described in Section R. Initial and periodic refresher training of select employees, including members of the SWPP Team, is intended to support consistent and effective implementation of the SWPPP.

A.7 Plan Availability

A copy of this SWPPP is maintained at the facility at all times and will be made available to authorized representatives of the USEPA, State Water Quality Control Board and Regional Water Quality Control Board, or local regulatory agencies, at their request.

A.8 Plan Compliance Modifications

This SWPPP will be updated and amended by Pacific Clay Products and Pacific Aggregates, Inc. whenever there is a change in site drainage, significant materials used at the facility, material handling areas or practices, or in response to changes in permit requirements. This SWPPP will also be revised as needed based on the findings of the Annual Comprehensive Site Compliance Evaluation. A revision sheet has been provided to track revisions made to the SWPPP.

B. FACILITY AND PERSONNEL INFORMATION

- a. Total size of the facility: 1,400 acres
- b. Percent of facility that is impervious (including rooftops): 3 %
- c. Storm Water Pollution Prevention Team Personnel

____ Name: Chad Warren

____ Title: Mining Manager

____ Work Phone No.: (951) 245-2460

____ 24-hour Phone No.: (951) 285-5547

____ SWPPP Responsibilities, Duties and Activities:

____ Administrating and coordinating storm water program. Review and revision of storm
____ water compliance documents, completion of visual observations, employee training,
____ and collection of storm water samples.

____ Name: Mike Garcia

____ Title: Production Manager

____ Work Phone No.: (951) 245-2460

____ 24-hour Phone No.: (951) 415-7428

____ SWPPP Responsibilities, Duties and Activities:

____ Review and revision of storm water site plan. Perform visual observations, employee
____ training and collecting storm water samples.

____ Name: Matt Meyer

____ Title: Equipment Supervisor

____ Work Phone No.: (951) 245-2460

____ 24-hour Phone No.: (951) 285-1614

____ SWPPP Responsibilities, Duties and Activities:

____ Review and revision of storm water site plan. Perform visual observations, employee
____ training and collecting storm water samples.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

1. Location: Clay and Overburden Stockpiles
Designation on site map: C1
Description of area use: Clay and overburden are mined using earthmoving equipment, which are also used for stockpiling the material into separate stockpiles that can be as large as 75,000 cubic yards. Clay is continuously transferred from the stockpile to the Mixing Area via front-end loaders for further processing. The stockpiled overburden is eventually used as backfill for the mined area.

2. Location: Clay and Grog Hoppers
Designation on site map: C2
Description of area use: After clay is mixed with other imported materials at the Mixing Area, it is placed into the clay hopper by front-end loader where it is transported to the grinding plant via conveyor belt. Grog (rejected bricks) is placed into the grog hopper by front-end loader and also transported via conveyor belt to the grinding plants.

3. Location: Conveyor Belts
Designation on site map: C3
Description of area use: Conveyor belts are used for transporting clay and grog from the hoppers to the grinding plant. A conveyor belt is also used to transport the mixture to the Extruder, which is located inside the brick manufacturing building. Conveyor belts are covered.

4. Location: Finished Tumbled/Un-tumbled Brick Loading Area
Designation on site map: C4
Description of area use: Forklifts either unload the palletized bricks into transport trucks at this location, or they transport them to the outside staging area.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

5. Location: Grog Grading Area
Designation on site map: C5
Description of area use: Rejected bricks (grog) are loaded onto hoppers/bins/trucks by hand and forklift at this area. The bricks are then transported to the Grog Accumulation/Processing Area.
6. Location: Propane Tanks
Designation on site map: C6
Description of area use: The facility has two 30,000 gallon propane tanks used to fuel the on-site forklifts. The propane tanks are located next to the retail area at the front of the facility.
7. Location: Outside Staging Area
Designation on site map: C7
Description of area use: Finished brick products that have been palletized and wrapped are transported to this area by forklift where they remain until they are shipped off site. Forklifts are used to load the palletized and wrapped bricks onto the transport trucks.
8. Location: Grog Stockpile
Designation on site map: C8
Description of area use: Grog is deposited into a stockpile located at the Grog Accumulation/Processing Area. Stockpiles can have approximately 5,000 cubic yards of grog. The stockpiled grog is eventually crushed into different piles according to color. Front-end loaders load the grog into hoppers. The grog is transported to the crusher via conveyor belts.
9. Location: Crushed Grog Stockpiles
Designation on site map: C9
Description of area use: The crushed grog is separated into three stockpiles according to color. Each stockpile has approximately 2000 tons of crushed grog.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

10. Location: Motor Oil AST's
Designation on site map: C10
Description of area use: Three motor oil AST's are located at the maintenance area and shop #2. There is one 500 gallon tank and two 360 gallon tanks, all of which are located within a covered concrete containment area. The tanks are filled by an outside contractor that pumps oil directly into the tank.

11. Location: Hydraulic Oil AST
Designation on site map: C11
Description of area use: The hydraulic oil is stored in a 250 gallon tank located at the maintenance area and shop #2. The tank is located within a covered concrete containment area. The tank is filled by an outside contractor that pumps oil directly into the tank.

12. Location: Used Oil AST
Designation on site map: C12
Description of area use: Used oil generated from the maintenance of fleet vehicles and equipment is transferred into a 1,000 gallon steel tank located within a covered concrete containment area at maintenance and shop area #2. An outside waste hauler routinely pumps the 1,000 gallon tank empty.

13. Location: Miscellaneous Lubricants AST's
Designation on site map: C13
Description of area use: Various lubricants, including transmission fluid, gear oil, and the like are located at the maintenance area and shop #2. The lubricants are kept in 55 gallon steel drums supplied by an outside contractor.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

14. Location: Diesel AST's
Designation on site map: C14
Description of area use: There are two 10,000 gallon diesel AST's located on site with secondary containment. They are located across from maintenance and shop area. #2. Fleet vehicles/equipment are fueled at this location through a direct line connection. The tanks are filled by an outside contractor that pumps directly into the tanks.
15. Location: Gasoline AST's
Designation on site map: C15
Description of area use: There are two 100 gallon steel tanks containing gasoline located at the maintenance and shop area #2. The tanks are situated on a trailer and are transported off-site for filling at public service stations. The gasoline is used within the smaller engines on site (i.e. portable welders, air compressors, pumps, etc.)
16. Location: Hazardous Waste Accumulation Area
Designation on site map: C16
Description of area use: Used oil drained from the Extruder, other hazardous wastes, and spent cleanup materials are collected in 55-gallon drums, which are transferred via forklift inside a covered secondary containment area that is located in the maintenance area . The drums remain secured until they are taken off site by an outside hazardous waste hauler or the used oil is pumped into the used oil AST.
17. Location: Parts Warehouse and Materials Storage Shelter
Designation on site map: C17
Description of area use: Spare vehicle/equipment parts are stored inside the parts warehouse, which is a covered and enclosed building. Miscellaneous parts, materials (e.g., imported clay products and processed grog) and specialty tiles are stored inside two open-walled storage shelters located near the grog accumulation/processing area.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED))

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

18. Location: Trash Bins
Designation on site map: C18
Description of area use: Trash bins are located throughout the site. The bins are regularly inspected for leaks, and emptied weekly by a refuse service.
19. Location: Brick Cutting Area
Designation on site map: C19
Description of area use: A small amount of wastewater is generated from brick cutting activities then collected and stored in a 500-gallon tank.
20. Location: Bone Yards
Designation on site map: C20
Description of area use: There are two yards used to store scrap metal and equipment at the facility located across from the maintenance areas and shops.
21. Location: Aggregate Loading/Unloading Areas
Designation on site map: C21
Description of area use: One comprehensive crushing, screening, and wash plant is located on site whereby raw and finished aggregate products are loaded and unloaded. Finished products are loaded onto trucks for transport off site.
22. Location: Ready-mixed Concrete Loading Area
Designation on site map: C22
Description of area use: The ready-mix batch plant is located on a concrete slab where trucks pull in and are loaded with ready-mix concrete. The ready-mix truck washout takes place in this area with the wash water being directed to a washout basin where the wash material is reclaimed.
23. Location: Admixture Unloading and Storage Area
Designation on site map: C23
Description of area use: Admixture unloading and storage area is located at the ready-mix batch plant. The admixture is contained within twelve plastic tanks in a bermed area.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

24. Location: Waste (Return) Concrete Unloading Area
Designation on site map: C24
Description of area use: Waste (return) concrete is allowed to harden and stored in a designated area for eventual recycling as road base or other construction materials.
25. Location: Fueling Island
Designation on site map: C25
Description of area use: The facility is equipped with a gasoline and diesel fueling island that has a 1,000-gallon gasoline UST and a 13,000-gallon diesel UST. The tanks are filled by an outside contractor that pumps the gasoline and diesel fuel directly into the UST.
26. Location: Maintenance Area and Shop #1
Designation on site map: C26
Description of area use: This area is located near the offices at the front of the facility. This particular maintenance area and shop typically repairs and maintains the facility's forklifts and pickup trucks. Forklifts that are not being used are kept in this area.
27. Location: Maintenance Area and Shop #2
Designation on site map: C27
Description of area use: This area is used to repair earth movers and ready-mix trucks. Vehicle repairs are performed inside or under a covered concrete pad. Several bulk tanks drums of fresh and waste motor oil are stored inside or under cover in this area. Adjacent to the maintenance area is a small bone yard of miscellaneous scrap metal.
28. Location: Entrances and Exits to Facility
Designation on site map: C28
Description of area use: The facility is accessible from three locations. The first entry point, from Temescal Canyon Road, is on the north side of the facility where the brick retail areas and offices are located. Two entry points are located along Lake Street (formerly Robb Road) on the eastern boundary of the site. One entry point is located near the (future) intersection of Nichols Road, and the other is located approximately 1,500 feet to the south. These entry points along Lake Street provide for the entry and exit of aggregate and ready-mix concrete trucks to and from the facility

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

29. Location: Manufactured Stone Area
Designation on site map: C29
Description of area use: The facility also manufactures stones using a mixture of cement and pumice. The pumice is stored outside in a three sided structure while the cement is stored inside a small silo next to the facility. The manufactured stones are dried and stored inside the adjacent building. Once packaged the stones are taken to the outside staging area.
30. Location: Manufactured Stone Storage
Designation on site map: C30
Description of area use: Manufactured stone is stored in this building prior to being shipped off site. The building is located on the eastern side of the site.
31. Location: Rock Crushing and Sorting Area
Designation on site map: C31 (Wyroc Pit)
Description of area use: Rock is removed from the mountain and made into No. 2 base material. Front end loaders remove the rock from the mine, crush it, and then stockpiled in a sorting area.
32. Location: Scale House
Designation on site map: C32
Description of area use: The scales are used to weigh trucks as they leave the facility. The entrance driveway, area around the scales, and the exit is paved with asphalt. This asphalt paving extends to the facility exits along Lake Street.
33. Location: Tile Storage
Designation on site map: C33
Description of area use: Tile is stored in this building prior to being shipped off site. The building is located on the eastern side of the site.
34. Location: Retail Area
Designation on site map: C34
Description of area use: Bricks that receive a low quality grade are placed in the retail area for sale to the public.

C. MATERIAL HANDLING, STORAGE AND ACCESS AREAS (CONTINUED)

Presented below are descriptions of the facility's material loading and unloading areas and access areas (roads, drives) used to transport materials.

35. Location: Surplus Equipment Storage Areas

Designation on site map: C35

Description of area use: Surplus transportation trailers are being stored within the northwestern portion of the site. The trailer storage areas are surrounded by earthen berms.