

## ENVIRONMENTAL INFORMATION FORM

### Initial Study – Part 1

**Date Filed:** October 17, 2011

#### GENERAL INFORMATION

1. Name and address of developer or project sponsor: Brian Mastin  
Manager, Environmental Affairs  
CEMEX, Inc.  
3990 East Concourses Street, Suite 200  
Ontario, CA 91764-7971
  
2. Address of project: 425 Isis Avenue  
Inglewood, CA 90301
  
3. Name, address, and telephone number of person to be contacted concerning this project: Ms. Linda Conlan  
AMEC  
510 Superior Avenue, Suite 200  
Newport Beach, CA 90663  
(949) 642-0245
  
4. Indicate number of the permit application for the project to which this form pertains:  
  
Waste Discharge Requirements,  
Order Number R4-2011-XXXX  
  
Compliance File Number CI-XXXX
  
5. List and describe any other related permits and other public approvals required for this project, including those required by city, state, regional, and federal agencies: Pilot Study Bioaugmentation Work Plan, dated August 9, 2010 was submitted to the Department of Toxic Substance Control (DTSC) and subsequently positively acknowledged in a letter dated December 27, 2010.
  
6. Existing zoning district: Commercial/Industrial
  
7. Proposed use of site (project for which this form is filed): The site is a RCRA Hazardous Waste Management Facility permitted to store, treat, transfer, and recycle hazardous waste. Groundwater under the site is impacted with chlorinated volatile organic compounds. The responsible party has proposed to remediate the groundwater through bioaugmentation using a non-pathogenic, naturally isolated, chlorinated ethene degrading consortium. The responsible party proposes to field test the application under a site-specific WDR permit, that will allow expansion to a full scale application if the pilot study is effective.

#### PROJECT DESCRIPTION

8. Site size: 1.1 acres

9. Square footage: The pilot study will be contained within an approximately 20 foot by 20 foot portion of the site, which may be expanded to include the entire (1.1 acre) site after the pilot study is completed.

10. Number of floors of construction: N/A.

11. Amount of off-street parking provided: NA.

12. Attach plans: See attached Pilot Study Work Plan for Evaluation of Enhanced In Situ Bioremediation of Volatile Organic Compounds in Groundwater, 425 Isis Avenue, Inglewood, California, dated August 9, 2010.

13. Proposed scheduling: The estimated duration of the Pilot Study is 36 months. The full scale project will last for up to 6 years.

14. Associated projects: N/A.

15. Anticipated incremental development: Land use will remain the same.

16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected: N/A.

17. If commercial, indicate the type, whether neighborhood, city, or regionally oriented, square footage of sales area, and loading facilities: The site is 1.1 acres in size and contains an approximately 3,300 square-foot, one-story building that houses the administrative office, a laboratory, drum storage areas, boiler and electrical rooms, and an employee locker room and restroom facilities. A driveway encircling the main office building to the north, west, and south is used for incoming and outgoing traffic. Other features outside the main office building include an employee and visitor parking area, above ground storage tanks, a drum storage area, and support facilities. The site is enclosed by a 6- to 8-foot high chain link security fence topped with barbed wire, or by the outside walls of structures located on adjacent properties.

18. If industrial, indicate type, estimated employment per shift, and loading facilities: N/A for proposed scope of work.

19. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project: N/A.

20. If the project involves a variance, conditional use, or zoning application, state this and indicate clearly why the application is required: N/A.

**ARE THE FOLLOWING ITEMS APPLICABLE TO THE PROJECT OR ITS EFFECTS?**

(Discuss below all items checked "Yes")

21. Change in existing features of any bays, tidelands, beaches, lakes, or hills, or substantial alteration of ground contours.      [ ] Yes      [X] No

22. Change in scenic views or vistas from existing residential areas or public lands or roads.      [ ] Yes      [X] No

23. Change in pattern, scale, or character of general area of project.  Yes  No
24. Significant amounts of solid waste or litter.  Yes  No
25. Change in dust, ash, smoke, fumes, or odors in vicinity.  Yes  No
26. Change in ocean, bay, lake, stream, or groundwater quality or quantity, or alteration of existing drainage patterns.  Yes  No

Bioaugmentation will increase the biomass in the treatment area, achieving effective biodegradation of dissolved and sorbed contaminants. The addition of carbon substrate amendments into the water table will stimulate bacteria growth ultimately resulting in reductive dechlorination of chlorinated volatile organic compounds (VOCs) and improving groundwater quality within and downgradient of the treatment area. No depletion of groundwater supplies will result as part of the proposed project. In addition, there are no unpaved areas or planned grading work that could alter surface water run-off from the facility proposed as part of this project. Therefore, the proposed project will have no effect on existing drainage patterns.

27. Substantial change in existing noise or vibration levels in the vicinity.  Yes  No
28. Site on filled land or on slope of 10 percent or more.  Yes  No
29. Use or disposal of potentially hazardous materials, such as toxic substances, flammables, or explosives.  Yes  No
30. Substantial change in demand for municipal services (police, fire, water, sewage, etc.).  Yes  No
31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).  Yes  No
32. Relationship to a larger project or series of projects.  Yes  No

This project is subject to a Corrective Action Consent Agreement (HWCA P3-01/02-005) executed by the California Department of Toxic Substances Control (DTSC) and Respondents (DTSC, 2002) which requires remediation of soil and groundwater at the site.

## ENVIRONMENTAL SETTING

33. Describe the project as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site and the use of the structures. Attach photographs of the site. Snapshots or Polaroid photos will be accepted.

No permanent change in the site topography, soil stability, plants and animals, or any cultural, historical or scenic aspects will occur during this project. Structures at the site are described previously (response to #17). Groundwater wells will be abandoned and the area will be restored to

match the current grade (asphalt or asphaltic concrete) after closure is granted by the DTSC under the Consent Agreement.

34. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.). Attach photographs of the vicinity. Snapshots or Polaroid photos will be accepted.

The surrounding properties consist of commercial/industrial facilities and are covered with pavement. A commercial food distributor (Kikka) is located south of the Site. A vacant facility formerly utilized by Tyco and TTM Printed Circuit is located north of the Site. Aviation Boulevard is west of the Site. Vacant buildings and parking areas are located to the east of the Site.

### CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Signature Brian R. Mastin

Date 10-17-11

Print Name BRIAN R. MASTIN

For CEMEX, INC.