PACIFIC AFFILIATES
CONSULTING ENGINEERS
990 W. WATERFRONT DRIVE, EUREKA, CA 95501 • TEL (707) 445-3001 FAX (707) 445-3003

February 13, 2015

Humboldt Bay Harbor, Recreation and Conservation District
601 Startare Drive, Eureka, CA 95502

Re: Concrete Float Removal Permit Application
Chevron Eureka Terminal Repair Project
3400 Christie Street
Eureka, CA 95501

To Whom it May Concern:

Please find attached a permit application for a project proposing to remove four rogue concrete floats from Humboldt Bay. This is being proposed as mitigation for potential impacts to eelgrass caused by work in the future at the Chevron Terminal (Permit No. 2014-03). The scope of work and procedures for float removal, prepared with assistance from Mr. Tim Petrusha and Mr. Adam Wagschal. are described in the attached document dated January 15, 2015. Also attached is Check No. 10434 in the amount of $100.00 for the application filing fee.

Should you have any questions or require additional information please contact this office or me via email at cmatson@pacaff.com.

Respectfully,

Corey Matson
RCE 75416

Attachments

cc: File 14-1669

Describe in detail the proposed project:

Chevron is proposing the removal of four abandoned concrete floats, which are currently beached in various locations surrounding Humboldt Bay, as mitigation for potential impacts to native eelgrass habitat incurred during the Chevron Terminal Dock Repair Project. The buoyant concrete floats are deemed hazardous to vessels, structures and sensitive habitats within Humboldt Bay due to their potential of dislodging. The proposed course of action is to remove the floats by boat during extreme events of high tide. A Harbor District boat will be used to free each float from sediment and tow it to a travelift located in the Fields Landing boat yard. From the boat yard, the floats will be transported to Kernen Construction in Blue Lake, CA for recycled use.

Answer all questions completely on a separate sheet of paper. If the question does not apply to your project, so indicate by marking N.A. If you have questions, please contact the Harbor District Office.

Project Description

8. Site Size
9. Square Footage
10. Number of floors of construction
11. Amount of off-street parking provided
12. Attach plans
13. Proposed scheduling
14. Associated projects
15. Anticipated incremental development
16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected.
17. If commercial, indicate the type, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities
18. If industrial, indicate type, estimated employment per shift, and loading facilities.
19. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project.
20. If the project involves a variance, conditional use or recognizing application, state this and indicate clearly why the application is required.

Are the following items applicable to the project or its effects? Answer yes or no. Discuss all items answered yes.

21. Change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours.

22. Change in scenic views or vistas from existing residential areas or public lands or roads.

23. Change in pattern, scale or character of general area of project.

24. Significant amounts of solid waste or litter.

25. Change in dust, ash, smoke, fumes or odors in vicinity.

26. Change in ocean, bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns.

27. Substantial change in existing noise or vibration levels in the vicinity.

    A. During Construction
    B. During Project Utilization

28. Site on filled land or on slope of 10% or more.

29. Use of disposal or potentially hazardous materials, such as toxic substances, flammable or explosives.

30. Substantial change in demand for municipal services (police, fire, water, sewage, etc.)

31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).

32. Relationship to larger project or series of projects

ENVIRONMENTAL SETTING:

33. Describe the project site 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.

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 the scale of development (height, frontage, set-back, rear yard, etc.) Attach photographs of the vicinity. Snapshots or polaroid photos will be accepted.

----------Questions 35; 36 and 39 MUST BE ANSWERED!----------

35. How will the proposed use or activity promote the public health, safety, comfort, and convenience?

36. How is the requested grant, permit, franchise, lease, right, or privilege required by the public convenience and necessity?

37. Financial statement:
    A. Estimated cost of the project.
    B. How will the project be financed.

38. Describe fully directions necessary to arrive at project site.

39. Will the Applicant agree that as a condition of the permit being issued to Applicant, to indemnify and hold harmless the Humboldt Bay, Harbor Recreation and Conservation District from any and all claims, demands, or liabilities for attorneys' fees obtained from or against demands for attorney's fees, costs of suit, and costs of administrative records made against District by any and all third parties as a result of third party environmental actions against District arising out of the subject matter of this application and permit, including, but not limited

to, attorney's fees, costs of suit, and costs of administrative records obtained by or awarded to third parties pursuant to the California Code of Civil Procedure Section 1021.5 or any other applicable local, state, or federal laws, whether such attorneys' fees, costs of suit, and costs of administrative records are direct or indirect, or incurred in the compromise, attempted compromise, trial, appeal, or arbitration of claims for attorneys' fees and costs of administrative records in connection with the subject matter of this application and permit?

NOTE

The District hereby advises the Applicant that, under California Public Resources Code Section 21089, the District when a lead agency under the Environmental Quality Act of 1970, as amended, pertaining to an Environmental Impact Report (EIR) or a Negative Declaration may charge and collect from the Applicant a reasonable fee in order to recover the estimated costs incurred by the District in preparing an Environmental Impact Report (EIR) or Negative Declaration for the project and the procedures necessary to comply with the provisions of the public resources code on the Applicants project. In the event your project contains an analysis of issues pertaining to the Environmental Quality Act of 1970, as amended, for which District staff is not competent to independently review, or District requires the same in preparation of an Environmental Impact Report (EIR) or Negative Declaration for the project, the District may retain a reviewing consultant to evaluate the content of the Administrative-Draft EIR and Final EIR or Negative Declaration with respect to these issues. The cost of such reviewing consultant services shall be borne by the Applicant.

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.

Dated: 2/13/15

For _____

8. N/A
9. N/A
10. N/A
11. N/A
12. N/A
13. Removal efforts will take place in the spring of 2015 during extreme events of high tide.
14. This project is associated with the Chevron Terminal Dock Repair Project, as mitigation for potential eelgrass habitat impacts.
15. N/A
16. N/A
17. N/A
18. N/A
19. N/A
20. N/A
21. Yes, the concrete floats will no longer be present within Humboldt Bay.
22. Yes, from vantage points where the floats are visible, the scenic views or vistas will be improved upon.
23. Yes, project will improve the aesthetic character of the general area by removing the four floats from the shorelines.
24. Yes, all material removed is expected to be concrete and will be transported to Kernen Construction in Blue Lake, CA for recycled use.
25. No
26. Yes. A temporary increase in turbidity may occur in the immediate vicinity of each float during the dislodging phase of removal.
27. A. No
    B. No
28. No
29. No
30. No
31. No
32. Chevron is proposing the float removal project as mitigation for the potential impacts to eelgrass habitat from the Chevron Terminal Dock Repair Project.
33. Four beached concrete floats currently exist in various locations along the Humboldt Bay shoreline. Two are on Stinky Beach south of Elk River (Figure 1 and Figure 2), one in South Bay and the fourth is located in a slough on the northeastern tip of Indian Island. The floats are currently embedded in sediment, however, have the potential to become dislodged during high tide or a storm event.
34. Humboldt Bay is used for worldwide commerce, commercial and recreational fishing, and conservation (Humboldt Bay National Wildlife Refuge). In addition, Humboldt Bay possesses Native American historical and cultural resources.
35. Upon safe removal, the floats will no longer pose a threat to vessels, structures and sensitive habitats within the Humboldt Bay.
36. The event of a float becoming dislodged has the potential to cause either direct or indirect adverse effects to the public.
37. A. $8000
    B. Chevron will pay for the project.
38. Due to the nature of this project, sites will be accessed via Humboldt Bay. A Harbor District boat will be utilized to access each site during extreme events of high tide. As previously mentioned, two floats are on Stinky Beach south of Elk River, one is in South Bay and the fourth is located in a slough on the northeastern tip of Indian Island.
39. Yes, Chevron agrees to the stated condition.

Photographs of site

Figure 1: One of two floats located at Stinky Beach

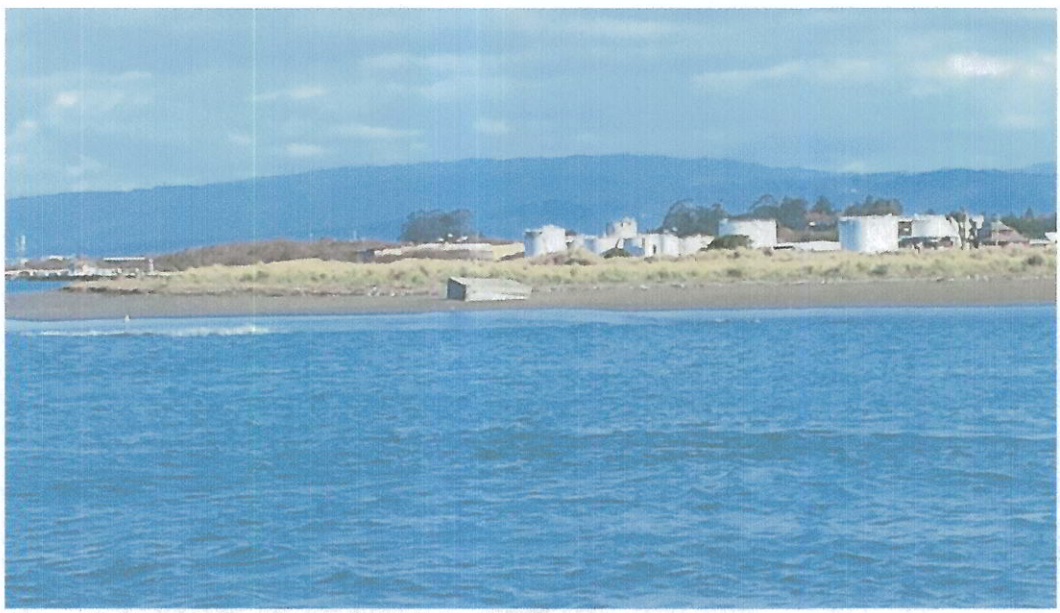

Figure 2: Second float located at Stinky Beach

PACIFIC AFFILIATES
CONSULTING ENGINEERS
990 W. WATERFRONT DRIVE, EUREKA, CA 95501 • TEL (707) 445-3001 FAX (707) 445-3003

Chevron Eureka Terminal
MOTEMS Inspection Repair Project
Proposed Eelgrass Mitigation
CDP Application No. 1-14-0773

Project Description

January 15, 2015

As mitigation for potential impacts to eelgrass habitat caused by construction activities associated with the repair project at the Chevron Dock, Chevron is proposing to remove four known rogue concrete floats that are scattered throughout Humboldt Bay. Currently, there are two floats at Stinky Beach south of Elk River, one in South Bay and one in a slough on the northeast tip of Indian Island. All the floats were beached and have become lodged in the ground. When mobilized, the floats are a hazard to marine traffic, structures and could eventually become beached in sensitive habitat.

Figure 1 - Float beached at Stinky Beach

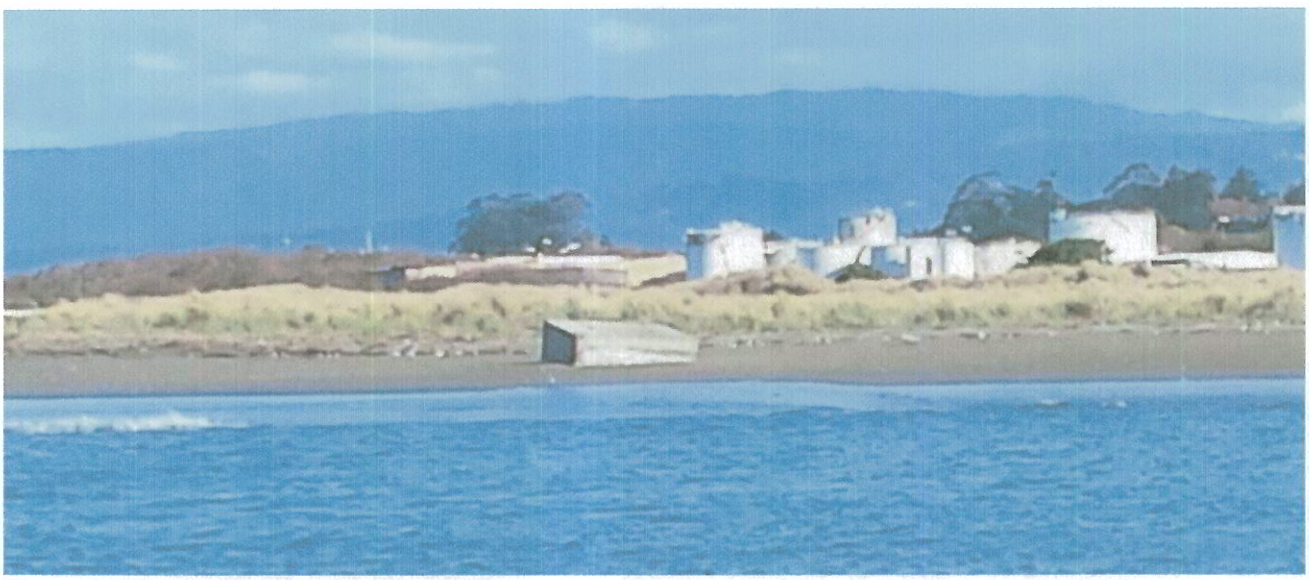

Figure 2 - Float beached at Stinky Beach

Float Removal

Float removal will take place during extreme high tides to utilize the buoyancy of the floats to aid in their removal. The floats are currently stuck in mud and once broken loose will float. A rope will be used to tie the float off to a Harbor District boat, which will be used to break the float loose from the mud allowing it to float. It will then be towed to the Fields Landing boat yard. The Harbor Districts' travelift will be used to hoist the floats out of the water and place them on a flatbed trailer for transport.

Figure 3 – Travelift at Fields Landing

Figure 4 - Fields Landing boat yard

Float Disposal

The floats will be transported to Kernen Construction's Blue Lake facility. According to Tim Petrusha (Harbor District), all the previous floats that have been removed from the bay have been of concrete construction (no foam for flotation). Kernen will crush the concrete for reuse as base rock.

Best Management Practices

The following BMP's are to be implemented during removal of the concrete floats:

- Fueling of construction equipment shall occur on shore, offsite, a minimum of 100 feet from the Mean Higher High Water line of Humboldt Bay.
- Fuels, lubricants, and solvents shall not be allowed to enter the waters of Humboldt Bay.
- Hazardous materials management equipment, including oil containment booms and absorbent pads, shall be available immediately. Equipment shall be kept on the vessel performing the work in an easily accessible location.
- A registered first-response, professional hazardous materials clean-up/ remediation service shall be locally available on call to respond within two hours of being notified of a spill.
- Any accidental spill shall be rapidly contained and cleaned up.
- All equipment shall be free of leaks and in good working order.
- All construction materials and debris originating from the project shall be stored and/ or contained in a manner that precludes their uncontrolled entry and dispersion to the waters of Humboldt Bay. Any debris from construction activities that should inadvertently enter the bay shall be removed from the bay waters immediately. All debris shall be properly disposed of and recycled if possible.