### General Information

1.) Name & Address of Developer, Project Sponsor and Legal Owner

Owner - Eureka Forest Products
Applicant – Sierra Pacific Industries
PO Box 5046, Eureka, CA 95501

2.) Address of Project and Assessor’s block, lot and Parcel Number

1206 W 14th Street, Eureka
APN: 003-082-001, -002

3.) Name, Address and Telephone No. of Person to be contacted concerning this Project

Corey Matson
990 W. Waterfront Drive
Eureka, CA 95501
707-445-3001x209

4.) Attach list of names and addresses of all adjoining property owners

5.) List and Describe any other related Permits & Other Public Approvals required for this Project, including those required by City, Regional, State & Federal Agencies.

US Army Corps of Engineers – Approved
California Coastal Commission – Approved
State Lands Commission – Approved
Regional Water Quality Control Board - Approved

6.) Existing Zoning District
Coastal Dependent Industrial

7.) Proposed Use of Site (Title of Project for which this form is filed)
Maintenance Dredging – Sierra Pacific Dock

### For Commission Use

A. Application No.____________________

Application Type:
- Franchise [ ]
- Permit [ ]
- Lease [ ]

B. Date Received by Harbor District

C. Date Accepted for filing by BOC

D. Date of Public Notice

E. Date of Acceptance EIR or Negative Declaration

F. Date of Public Notice

G. Date of Public Hearings

H. Date of Approval

- Disapproval _______
- Conditional _______
- Approval _______

I. Expiration Date

Comments
**Questionnaire Answer Sheet**

**Project Description:**

8. **Site Size**
   - APN 003-082-01: 5.29 acres
   - APN 003-082-02: 14.23 acres
   - Total: 19.52 acres

   Proposed dredging area - 1.25 acres
   Proposed volume of dredge material: 2,000 cubic yards per year; 10,000 cy total

9. **Square footage**
   - APN 003-082-01: 230,400 square feet
   - APN 003-082-02: 619,700 square feet
   - Total: 850,100 square feet

   Proposed Dredging Area – 56,000 square feet
   Proposed Volume of dredge material – 54,000 cubic feet (annual average)
   270,000 cubic feet (total)

10. **Number of floors**
   - N/A

11. **Off Street Parking**
   - N/A

12. **Plans**
    - See Permit Application Attachments (Figures I-V)

13. **Proposed Scheduling**
    - Dredging will be scheduled during a two week window between September 1\textsuperscript{st} to November 30\textsuperscript{th}) during years dredging is elected to be performed.

14. **Associated Projects**
    - None

15. **Anticipated incremental development**
    - N/A

16. **If residential**
    - N/A

17. **If commercial**
    - N/A

18. **If industrial, indicate type, estimated employment per shift, and loading facilities.**
    - The Sierra Pacific Dock is used by vessels and barges for importing and exporting wood and wood products. The facility employs eight workers per loading/unloading shift.
19. **If institutional**
   N/A

20. **Project Variance**
   Upon project review by the City of Eureka a conditional Use or Coastal Development Permit may be required for construction of the upland temporary de-watering system.

21. **Changes in existing features**
   Changes in the subtidal topography immediately adjacent to the dock will occur as a result of the dredging. With regard to upland topography, there will be a temporary change with the construction of the retention basin. Once dredge spoils are dewatered, they will be hauled to an approved, off-site disposal location. Those materials used to construct the temporary retention basin will be moved off-site, returning the upland area to its original configuration.

22. **Change in scenic views**
   The actual dredging process may be visible to vessel traffic in Humboldt Bay and from vehicle traffic along portions of West Waterfront Drive/Railroad Ave depending on the amount of logs and/or chips stored in the yard at the time. Dredging equipment will be on site only temporarily and any impacts on the scenic views will be less than significant.

   The upland retention basin will also be visible from West Waterfront Drive/Railroad Ave and possibly from Humboldt Bay. Although temporary, this alteration will impact views for approximately one month. Impacts are considered to be less than significant and unavoidable.

23. **Change in pattern**
   Dredging in the Bay will produce no noticeable changes to the site or its vicinity. The area proposed for the retention basin will be restored to its original condition after dredging activities are completed and will not change the character of the general area.

24. **Solid waste and litter**
   There will be no significant amounts of solid waste or litter produced during this project. After dewatering the spoils, the sediment will be transferred to a permitted, offsite location for permanent disposal.

25. **Dust, smoke, fumes, or odors**
   A temporary increase in fumes and odors will be produced by the dredge equipment, haul trucks and other equipment. Also, there will be a temporary increase in odor at the dredge site during removal of the spoils and at the retention basin during the dewatering process. However, there will be no long term effects and these types of activities are common at the site and in the general area.
26. **Water quantity or quality**  
   During dredging activities, there will be a temporary, localized increase in turbidity of the Bay water; however, no long term effects are anticipated.

27. **Noise levels**  
   A. During construction there will be a minor increase in noise and vibration levels due to the operation of dredging equipment, but it is not out of character for heavy equipment to be operating in the area.

   B. No, there will be no increase in noise or vibrations during project utilization.

28. **Filled site**  
   The upland site associated with the project is former tidelands filled nearly 100 years ago.

29. **Use/disposal hazardous materials**  
   Other than the fuel and oil used to operate the equipment during construction, there will be no use of potentially hazardous materials.

30. **Municipal Services**  
   No.

31. **Fossil fuel consumption**  
   No.

32. **Larger/series projects**  
   This is the project in its entirety.

33. **Project Site**  
   Two parcels make up the project site: APNs 003-082-01 and 003-082-02; the former is a tideland parcel owned by the City of Eureka and the latter is the adjacent upland parcel owned by Eureka Forest Products. Sierra Pacific Industries leases both parcels for the purpose of importing and exporting timber and timber products.

   The project site is located in Humboldt Bay along the western shore of the City of Eureka and on the east side of the maintained North Bay Channel. Tides in this channel range from a low of less than -2.00' MLLW to a high of almost 9.00' MLLW feet. Adjacent to the dock, concrete rubble has been placed along the bank to provide slope protection beneath the mud flats that continue to the back of the dock.

   The upland area behind the dock is mostly developed for industrial use. Improvements include a truck scale, office buildings, maintenance shop, storage buildings and equipment for unloading and moving wood chips around the facility. Vegetation is limited to sparse grasses growing on the unused portions
of the site. Other than the small plants growing on the dock piling, there is essentially no aquatic plant life present in the project area.

**Birds**
Humboldt Bay is a major wintering area and important stopover site for numerous species of migratory water-birds (Clowell 1994). Many species of shorebirds forage for invertebrates on intertidal mudflats, pastures, beach, sandflats, shoreline eelgrass, and in marshes (Barnhart et al. 1992). Black bellied Plover (*Pluvialis squatarola*), Willet (*Catoptrophorus semipalmatus*), Long-billed Curlew (*Numenius americanus*), Marbled Godwit (*Limosa fedoa*), Dunlin (*Calidris alpina*), Western Sandpiper (*Calidris mauri*) and Least Sandpiper (*Calidris minutilla*) are shorebirds species that may occur within the project area at low tide.

Ducks use open-water areas, water covered mudflats and eelgrass areas (Barnhart et al. 1992). Surf Scoters (*Melanitta perspicillata*), Bufflehead (*Bucephala albeola*), and greater Scaup (*Aythya marila*) are among the most commonly observed waterfowl in Eureka (pers. Obs. Ron LeValley). Humboldt Bay is an important migratory stopover site for Black Brant (*Branta bernicla nigricans*), a small migratory goose that feeds almost exclusively on eelgrass, principally in the South Bay (Barnhart et al. 1992). Black Brant show up in numbers in the fall to early winter. Thousands of Black Brant are present on South Bay during the peak period of migration in April.

Diving birds occur primarily in open-water areas of the Bay. Double-crested Cormorants (*Phalacrocorys auritus*) are most abundant, followed by Red-throated Loons (*Gavia stellata*) and common Loons (*Gavia immer*). Western (*Aechmophorus occidentalis*), Horned (*Podiceps auritus*), Eared (*P. nigricollis*) and Pied-billed (*Podilymbus podiceps*) grebes occur in Eureka Channel.

Herons and egrets are regularly seen on Humboldt Bay (Bernhart et al. 1992, Harris 1996). Additionally, Humboldt Bay is important habitat for gulls and terns (Barnhart et al. 1992). In the summer, Western (*Larus occidentalis*) and Heermann’s (*Larus heermanni*) gulls are most common. Form October to March the following gull species are present on Humboldt Bay (listed in approximate order of decreasing abundance): Western Gull, Glaucous-winged Gull (*L. glaucescens*), New Gull (*L. canus*), and California Gull (*L. californicus*).

**Marine Mammals**
The Pacific harbor seal (*Phoca vitulina*), a small, non-migratory seal species (Griswold 1985), is the most common marine mammal in Humboldt Bay (Barnhart et al. 1992). Seals haul on mudflats exposed during ebb tides adjacent to small tidal channels in upper Arcata and South Bays (pers. Obs.). Harbor seals are present in the Eureka Channel throughout the year.
California Sea Lion (*Zalophus californianus*) and the Steller Sea Lion (*Eumetopias jubatus*) are rarely observed in the Bay, but increasing numbers of California Sea lions are roosting on docks and boats at Woodley Island. While few California sea lions (*Zalophus californianus*) breed in Northern California, peak abundance occurs during the fall after the breeding season when the males migrate northward (Reeves et al. 2002). Females tend to stay close to the rookeries all year. The Federally threatened Steller Sea Lion (*Eumetopias jubatus*) favors the outer coast, preferring the haul-out on offshore rocks and rocky islands. Steller sea lions do not breed in Northern California but may occur in this region during fall, winter and spring (Reeves et al. 2002). Steller sea lions are not often found in river mouths, bays, or estuaries (Reeves et al. 2002).

**Fish**

Four listed anadromous fish species are known to occur within Humboldt Bay (Barnhart et al. 1994, Tauber 2002). Southern Oregon/Northern California Coho Salmon (*Oncorhynchus kisutch*), Chinook Salmon – California coastal ESU (Ecologically Significant Unit), (*Oncorhynchus tshawytscha*) and steelhead – Northern California ESU (*Oncorhynchus mykiss*) likely pass through the project site. Juvenile salmonids that are migrating to the ocean and adults migrating to freshwater streams to spawn use Humboldt Bay as a corridor. Juvenile salmonids also use Humboldt Bay as foraging habitat (Barnhart et al. 1992). Longfin smelt have an established population in Humboldt Bay and spawn in the freshwater streams tributary to the Bay. The federally endangered tidewater goby (*Eucylogobius newberryi*) is also known to exist in Humboldt Bay.

34. **Surrounding properties**
   Surrounding properties are industrial and include an industrial forest product terminal, a lumber company, warehouse, office building, and an inactive railroad spur track.

35. **The proposed maintenance dredging will allow safe and convenient moorage of deep draft vessels at the dock and provide direct access to surface transportation within the industrial area of the City of Eureka.**

36. **Requirement by public**
   Dredging allows ships to call at the dock to pick up cargo for import and export. This benefits the economy of the greater Eureka area.

37. **Financial Statement**
   A. The estimated cost of the project is $20,000.00 per dredge episode.
   B. Sierra Pacific Industries will pay for the project.

38. **Directions to project site**
   From Highway 101 passing through Eureka, travel west on 14th Street, proceed westerly across the intersection of 14th Street and Railroad Avenue and through
the yard to the dock.

39. The Applicant agrees to hold harmless and indemnify the Humboldt Bay Harbor, Recreation, and Conservation District from any and all claims, demands, liabilities for attorney’s fees, obtained from or against demands for attorneys’, costs of suit, and costs of administrative records made against the District by any and all third parties as a result of third party environmental actions against the District arising out of the subject matter of this Application and Permit, including, but not limited to, attorneys’ fees, costs of suit, and costs of administrative records direct, 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.