CCA #4 Trinidad Head

DESCRIPTION
This CCA watershed flows into the ‘Trinidad Head’ Area of Special Biological Significance (ASBS), an approximately 2-mile long ASBS near Trinidad Bay in the small city of Trinidad. This CCA encompass both rural and urban watersheds. Trinidad Bay has seasonal marina facilities (i.e., a mooring field, vessel haul-out/launch facilities, and pier facilities), and Humboldt State University Marine Lab is located near the headlands.

Residences and commercial structures in Trinidad are served by septic systems. A fish cleaning station on the pier is a source of fish wastes; waste seawater from the marine lab, and a city storm drain, discharge directly into the SWQPA. Numerous seeps, possibly contaminated from septic tank wastes, also flow from the coastal bluffs into the SWQPA. Bacteria and nutrients from these sources are Nonpoint Source (NPS) pollutants of concern in this watershed. Sediment pollution from timber harvesting is also a NPS issue, as the major land use in the watershed is silviculture.

REASON FOR CCA IDENTIFICATION
This watershed flows into the ‘Trinidad Head’ Area of Special Biological Significance (ASBS), which is a State Water Quality Protection Area (SWQPA).

POLLUTED RUNOFF CONDITIONS

<table>
<thead>
<tr>
<th>Selected Coastal Zone Waterbodies</th>
<th>Bacteria</th>
<th>Nutrients</th>
<th>Sediment</th>
<th>2</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trinidad Bay ▲</td>
<td>▲ ▲</td>
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<tr>
<td>Mill Creek ■</td>
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<tr>
<td>McConnahus Mill Creek ● (south of SWQPA)</td>
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Potential Sources of Pollutants in Coastal Waterbodies

- Agriculture
- Forestry (Silviculture) ▲ ▼ ●
- Urban Areas a, b, c, d
  - Urban Runoff/Storm Sewers ▲ ▼ ▲ ▼ ●
  - Septic Systems ▲ ▼ ● ▲ ▼ ●
- Marinas & Boating a, b
- Hydromodification a, b
- Wetlands & Riparian Areas b, c

1Information on bacteria, nutrients, and sediment as pollutants of concern is from the North Coast Regional Water Quality Control Board.
Trinidad Head CCA

MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a) **Trinidad Onsite Wastewater Treatment System Management Program (2004)**
   City of Trinidad
   Bob Brown (707) 445-2433 bob@streamlineplanning.net
   - Project to develop a wastewater management program for the City, including assessment and inventory for all septic systems, procedures for monitoring and maintenance, and updating permit standards and management regulations.

b) **Trinidad Area of Special Biological Significance Partnership (2005)**
   City of Trinidad
   Chi-Wei Lin (707) 677-9010 chiweilin@cox.net
   - A collaborative effort led by the City of Trinidad, funded by an Integrated Coastal Watershed Management planning grant, to develop an action plan to reduce nonpoint source pollution from discharges and surrounding watersheds.

c) **Environmental Education by Cascade Learning (1999)**
   Trinidad Rancheria
   Greg Nesty (707) 677-0211 greg@trinidadrancheria.com
   - Partnership with Humboldt State University, Trinidad School District, and North Coast Children’s Services; environmental education program for junior high school students, who in turn teach lessons to elementary students.

d) **Center for integrative Coastal Observation, Research, and Education (CICORE)**
   Humboldt State University
   Frank Shaughnessy (707) 826-4133 fjs3@humboldt.edu
   - CICORE is part of NOAA Coastal Observation Technology System. Water quality monitoring station at Trinidad Pier records temperature, salinity, dissolved oxygen, pH, turbidity, chlorophyll, and water depth every 15 minutes.

e) **Sustainable Forestry Initiative Program (SFI)**
   Green Diamond Resource Company
   Neal Ewald (707) 688-4400
   - All of Green Diamond's forestlands are managed in compliance with SFI program, to support a variety of natural resources, including water quality and wildlife habitat and areas of special biological, geological, or historical value.

REGULATORY/PLANNING JURISDICTIONS

- City of Trinidad
  - [http://www.trinidad.ca.gov/](http://www.trinidad.ca.gov/)
  - Chi-Wei Lin (707) 677-9010 chiweilin@cox.net

- Trinidad City Planner, Streamline Planning Consultants
  - [http://www.streamlineplanning.net/](http://www.streamlineplanning.net/)
  - Bob Brown (707) 822-5785 bob@streamlineplanning.net

- Trinidad City Engineer, Winzler & Kelly Consulting Engineers
  - [http://www.w-and-k.com/](http://www.w-and-k.com/)
  - Steve Allen (707) 443-8326 steveallen@w-and-k.com

- Trinidad Rancheria
  - [http://www.trinidadrancheria.org/](http://www.trinidadrancheria.org/)
  - Greg Nesty (707) 677-0211 greg@trinidadrancheria.com

- Humboldt State University, Telonicher Marine Lab
  - [http://www.humboldt.edu/~marinelb/](http://www.humboldt.edu/~marinelb/)
  - Sean Craig (707) 826-3656 sfc4@humboldt.edu

- Westhaven Community Services District
  - Richard Swisher (707) 677-0798

- Humboldt County, Planning & Building Dept.
  - [http://www.co.humboldt.ca.us/](http://www.co.humboldt.ca.us/)
  - Tom Hofweber (707) 268-3738 thofweber@co.humboldt.ca.us

- Humboldt County, Public Works Dept.
  - [http://www.co.humboldt.ca.us/](http://www.co.humboldt.ca.us/)
  - Ann Glubczynski (707) 268-2687 Ann.Glubczynski@co.humboldt.ca.us
<table>
<thead>
<tr>
<th>Humboldt County, Community Development Dept.</th>
<th><a href="http://www.co.humboldt.ca.us/">http://www.co.humboldt.ca.us/</a></th>
<th>Kirk Girard</th>
<th>(707) 268-3735</th>
<th><a href="mailto:kgirard@co.humboldt.ca.us">kgirard@co.humboldt.ca.us</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Calif. State Parks, Trinidad State Beach</td>
<td><a href="http://www.humboldtredwoods.org/ncrdcontact.htm">http://www.humboldtredwoods.org/ncrdcontact.htm</a></td>
<td>Patrick Vaughan</td>
<td>(707) 445-6547</td>
<td><a href="mailto:pvaug@parks.ca.gov">pvaug@parks.ca.gov</a></td>
</tr>
<tr>
<td>Calif. Coastal Commission, Water Quality Unit</td>
<td><a href="http://www.coastal.ca.gov/nps/npsndx.html">http://www.coastal.ca.gov/nps/npsndx.html</a></td>
<td>Vanessa Metz</td>
<td>(707) 445-7873</td>
<td><a href="mailto:vmetz@coastal.ca.gov">vmetz@coastal.ca.gov</a></td>
</tr>
<tr>
<td>North Coast Regional Water Quality Control Board, NPS Complaint Response</td>
<td><a href="http://www.waterboards.ca.gov/northcoast/">http://www.waterboards.ca.gov/northcoast/</a></td>
<td>Diana Henrioulle-Henry</td>
<td>(707) 576-2350</td>
<td><a href="mailto:dhenrioulle-henry@waterboards.ca.gov">dhenrioulle-henry@waterboards.ca.gov</a></td>
</tr>
<tr>
<td>State Water Resources Control Board, ASBSs</td>
<td><a href="http://www.swrcb.ca.gov/plnspolsploplans/asbs.html">http://www.swrcb.ca.gov/plnspolsploplans/asbs.html</a></td>
<td>Connie Anderson</td>
<td>(916) 341-5280</td>
<td><a href="mailto:csanderson@waterboards.ca.gov">csanderson@waterboards.ca.gov</a></td>
</tr>
<tr>
<td>California Coastal Conservancy</td>
<td><a href="http://www.coastalconservancy.ca.gov/">http://www.coastalconservancy.ca.gov/</a></td>
<td>Su Corbaley</td>
<td>(510) 286-6767</td>
<td><a href="mailto:scrbaley@scc.ca.gov">scrbaley@scc.ca.gov</a></td>
</tr>
<tr>
<td>Calif. Dept. of Fish &amp; Game, Marine Region</td>
<td><a href="http://www.dfg.ca.gov/">http://www.dfg.ca.gov/</a></td>
<td>Vicki Frey</td>
<td>(707) 445-7830</td>
<td><a href="mailto:vfrey@dfg.ca.gov">vfrey@dfg.ca.gov</a></td>
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