

Region 3

Capitola Beach

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Fecal and total coliform/water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal and total coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 4/29/99 – 5/30/01
Data used to assess water quality	Capitola Beach (0240) Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: 2/14-4/15/00 Total Coliform Objective (>20% of samples in 30 days exceed 1,000 per 100 ml) exceeded for: 4/15-5/9/00; 1/8-2/5/01; 2/5-3/6/01
Spatial representation	14 sites
Temporal Representation	For Capitola Beach; weekly sampling (with a few weeks missing). For remaining sites: Highly variable
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

NO

2/2/01
1/2/01
4/01

Region 3

Cowell Beach

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Fecal coliform/water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 10/2/98 – 5/30/01
Data used to assess water quality	<u>Cowell @ Stairs (0494)</u> Fecal Coliform Objective (Geometric mean exceed 200 per 100 ml in 30 days) exceeded for: 8/3-8/30/99; 9/7-10/5/99; Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: 4/14-6/13/00 <u>Cowell Beach (0490)</u> Fecal Coliform Objective (Geometric mean exceed 200 per 100 ml in 30 days) exceeded for: 8/30-9/27/99 Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: 4/17-6/13/00
Spatial representation	5 sites
Temporal Representation	For Cowell @ Stairs and Cowell Beach; weekly sampling (with a few weeks missing). For remaining sites: Highly variable
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	



Region 3

New Brighton Beach

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Total coliform/Water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Total coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 5/26/99- 10/31/01
Data used to assess water quality	Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: None Total Coliform Objective (>20% of samples in 30 days exceed 1,000 per 100 ml) exceeded for: 10/2-10/31/00
Spatial representation	1 site
Temporal Representation	Weekly sampling (with a few weeks missing)
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

NO

Region 3

Pajaro Dunes Beach

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Fecal coliform/Water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 5/5/99 – 5/30/01
Data used to assess water quality	Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: 2/23-4/26/00. Total Coliform Objective (>20% of samples in 30 days exceed 1,000 per 100 ml) exceeded for: Insufficient data.
Spatial representation	1 site
Temporal Representation	Weekly sampling (with a few weeks missing)
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

NO

No data

Region 3

Rio Del Mar

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Fecal and total coliform/Water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal and total coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 1/5/98 – 5/30/01
Data used to assess water quality	<u>Rio Del Mar Beach @ Aptos Creek Mouth</u> Fecal Coliform Objective (>10% of samples in 60 days exceed 400 per 100 ml) exceeded for: 9/7/98-11/18/99; 11/18/99-1/10/00. Total Coliform Objective (>20% of samples in 30 days exceed 1,000 per 100 ml) exceeded for: 12/11/00-1/8/01; 1/29/01-2/26/01.
Spatial representation	7 sites
Temporal Representation	For Rio Del Mar Beach @ Aptos Creek Mouth; weekly sampling (with a few weeks missing). For remaining sites: Highly variable
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

No

Region 3

Twin Lakes Beach

Water Body	Santa Cruz County/Pacific Ocean
Stressor/Media/Beneficial Use	Fecal and total coliform/Water/Ocean Plan Water Contact Standards, REC-1
Data quality assessment. Extent to which data quality requirements met.	Used Santa Cruz County Environmental Health Dept. data, QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal and total coliform linked to REC-1 beneficial use
Utility of measure for judging if standards or uses are not attained	Ocean Plan standards
Water Body-specific Information	Data age = 4/26/99 – 5/30/01
Data used to assess water quality	Fecal Coliform Objective (Geometric mean exceed 200 per 100 ml in 30 days) exceeded for 1/20-2/27/00 exceeded for: 9/7-11/18/99; 11/18/99-1/10/00. <i>2</i> Total Coliform Objective (>20% of samples in 30 days exceed 1,000 per 100 ml) exceeded for: 1/29-2/26/01 <i>1</i>
Spatial representation	1 site
Temporal Representation	Weekly sampling (with a few weeks missing)
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

NO